# SHORTWAVE BULLETIN

#### Issue no. 1997, March 6, 2022

This is not the right forum but I have to say this:

Everyone thought that a war in Europe would be out of the question, but when a dictator loses all sense, the improbable is real. The intruders do not seem to care a bit about the civilian population. Hospitals, pharmacies, schools and residential buildings are being torn apart. Not even nuclear power plants are spared.

If they continue like this, the cities will look similar to Grozny and Aleppo.

Very soon it is time to move on to negotiations. What is the use of Russia for a bombed-out country?

I found an interesting article in SWLing Post why everyone should have a shortwave radio.

The digital society is far too easy to beat and when you lack your countrys own radio and TV networks and the Internet, what do you do then?

If you have something of interest for the DX-Nostalgia column just drop a line or two to Ronny Forslund.

Keep on ....

Redaktion:

Thomas Nilsson

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# SWB-info

SWB on HCDX: Dateline Bogotá 1993-1998: SWB latest issue/archive: http://www.hard-core-dx.com/swb http://www.hard-core-dx.com/swb/Dateline.htm http://www.hard-core-dx.com/swb/archive.htm

Deadline e-mail next issue: 0800 UTC, March 20, 2022

# QSL, comments, etc.

# **GLENN HAUSER LOG ROUNDUPS**

Please note and spread the word - for those not on a list where my almost-daily all-band but mainly SW log reports appear -- or for those who are but find this a more convenient archive, weekly merged roundups of all these reports in their original form are posted early every UT Thursday via: <u>http://www.worldofradio.com/Hauserlogs.html</u> The latest ones direct: <u>https://www.w4uvh.net/ghlogs\_2022\_0217\_0223.txt</u> <u>https://www.w4uvh.net/ghlogs\_2022\_0224\_0302.txt</u>

(73, Glenn Hauser)

# Inbjudan till ARC-SWB konvent 23-24 april 2022



Södra Vätterbygdens Folkhögskola i vårlig skrud

Efter att vi tvingats ställa in både under 2020 och 2021 p.g.a. pandemin är det nu dags för ett konvent som också blir ett försenat 60-årsjubileum för ARC. Konventet kommer att hållas på Södra Vätterbygdens Folkhögskola i Jönköping den 23-24 april 2022. Det kommer att bli ett traditionellt konvent med intressanta programpunkter, gemenskap, god mat och förhoppningsvis något extra för att fira 60-årsjubileet. Vi hoppas också på besök av en känd nordisk DX-are.

Eftersom det är tre år sedan vi hade möjligheten att träffas hoppas vi att alla kan komma, både våra svenska medlemmar och våra medlemmar från Danmark, Finland, Norge och övriga Europa. Ett unikt tillfälle att träffa personerna bakom signaturerna i MVE.

För er som inte har varit med på de senaste konventen i Jönköping och känner till Södra Vätterbygdens Folkhögskola så har skolan en modern hotellanläggning. Det finns både enkel- och dubbelrum och alla har hög standard. Det finns fri Wi-Fi på alla rum och i alla lokaler. Parkering är inget problem. För att få en bild av anläggningen se <u>www.svf.fhsk.se</u> Vi har fått en offert för konventet och kan nu ge ett pris efter att klubben beslutat att sponsra deltagandet lite extra. Paketpriset blir 800 SEK i enkelrum och 600 SEK i dubbelrum inkl. frukost och eftermiddagsfika med fralla på lördagen, trerätters middag på lördagskvällen, vickning på nattkröken och förmiddagsfika med baguette på söndagen. Vin och öl finns att köpa vid middagen.

För att kunna planera konventet behöver vi få in din anmälan senast **måndagen den 7 mars** (även stoppdatum för MVE). Betalning till klubbens konto.

Vi vill gärna göra en kavalkad med tillbakablickar på ARC:s 60år. Därför behöver vi material i form av bilder, ljudinspelningar från ARC:s specialprogram eller vad det nu kan vara. Du kanske kan tänka dig att göra ett programinslag och berätta något intressant. Hör av dig på mejl <u>gote.lindstromdx@gmail.com</u> eller telefon 076-142 98 28 så koordinerar jag.

Vi återkommer med ett detaljerat program allt eftersom det blir klart. Reservera helgen 23-24 april för konventet! (Göte Lindström 20.2.2022)

Log

(UTC)

3250	Feb25	2204	Korean Central BC Stn., Pyongyang. Tks. Adj. uty. QRM. 22441 (CGS)				
3310	Feb20	0055	Radio Mosoj Chaski, Cotapachi, Bolivian songs. (Méndez)				
3310	Feb23	2241	R.Mosoj Chaski, Cochamba. Quechua, tks. 25331 (CGS)				
3320	Feb20	2236	Pyongyang BC Stn., Pyongyang. Songs. Much better on 21/2, 2220. 15341 (CGS)				
3480	Feb23	0905	Voice of the People back to normal frequencies; heard 3480 // 3910 // 3930 // 4450 // 6520 // 6600; while ex 6250 is now only airing VOH. (Ron Howard, Asilomar State Beach, Calif.)				
3910	Feb22	2140	Voice Of The People (cland.), Goyang. Kor to KRE, tks. A bit worse on // 3930. 25342 (CGS)				
3915	Feb24	2230	BBC, Kranji relay. WS in E to SEAs, tks on Russia's invasion of UKR. QRM de NAm amateurs. 44433 (CGS)				
3930	Feb19	2217	Voice Of The People (cland.), Goyang. Kor to KRE, tks. Jammed. 24431 (CGS)				
3945	Feb21	2214	R.Echo Of Unification (cland.), Chongjin. Kor to KOR, tks. 25342 (CGS)				
3955	Mar1	1903	Channel 292, Rohrdorf. G, pop oldies, DX px. 35443 (CG)				
3975	Mar1	2233	Shortwave Gold, Winsen. E, pop oldies. 35443 (CG)				
3985	Feb19	2215	R.Echo Of Hope (cland.), Gyengi-do. Kor to KRE, interview. Jammed. 34432 (CGS)				
3985	Mar4	0958	3985 // 5995 // 6350, Echo of Hope - VOH. Britney Spears - "Baby One More Time"; then at *1000, VOH started on 4880 // 6245 // 9095. (Ron Howard, Asilomar State Beach, Calif.)				
3990	Feb23	0910	Echo of Hope - VOH frequencies; heard 3990 // 4885 // 6000 // 6250 [no longer with VOP QRM] // 6355 // 9100. (Ron Howard, Asilomar State Beach, Calif.)				
3990	Feb26	2232	R.Echo Of Hope (cland.), Gyengi-do. Kor to KRE, tks. 25342 (CG)				
3990	Mar3	2337	Xinjiang PBS, Urumqi. Uighur, tks, phone-ins. 35443 (CG)				
3995	Feb21	2216	HCJB, Weenermoor. G, songs. 35342 (CGS)				
4010.2	Feb19	1746	Kyrgyz Radio, Bishkek, Kyrgyz comments and songs, anthem and close. (Méndez)				
4750	Feb19	1821	Bangladesh, Betar, Shavar, Bangladesh songs, Vernacular, comments. (Méndez)				
4765	Mar1	0445	Radio Progreso, Bejucal, Cuban songs, comments, id. anthem and close. (Méndez)				
4775	Mar3	2327	R.Tarma, Tarma. Cast, anns., advs. 35342 (CG)				
4840	Feb24	1048	WWCR, Nashville TN. E, rlgs. propag. 1115 F/out. 15341 (CGS)				
4880	Feb28	1932	R.Echo Of Hope (cland.), Nowong-gu. Kor to KRE, tks (sounded like a radioplay), Jam- med. 24341 (CG)				
4885	Mar1	0502	Radio Clube do Pará, Belém, special carnival program, no relaying Radio Bandeirantes news today due to Carnival Holiday, id. "Radio Clube", "Alegría, já carnaval total na Ra- dio Clube", Brazilian carnival songs. (Méndez)				
4885	Feb28	2208	R.Club do Pará, Belém PA. Natl. nx magazine A Voz do Brasil. 35443 (CG)				
4885	Feb23	1840	R.Echo Of Hope (cland.), Nowong-gu. Kor to KRE, tks. Jammed. 34342 (CGS)				
4890	Feb20	1735	R.Echo Of Hope (cland.), Nowong-gu. Kor to KRE, tks, pops. Jammed. 24331 (CGS)				
4940	Mar1	0450	Fuerza de Paz, religious comments, songs, "Llaneras", program "Lecciones de la Historia Colombiana", Latin American and religious songs. (Méndez)				
4965	Feb28	1806	Voice of Hope Africa, Lusaka, English, religious comments. // 6065. (Méndez)				
5020	Mar3	0722	JBA carrier maybe trace of music in splash from 5025 CUBA; presumed SIBC, first trace of it here in some weeks. Believe SW had been silent. Equivalent to 5040 JBA carrier presumed Vanuatu. On Jan 31, Bryan Clark reported to WOR iog: `` <i>I have been in dialogue</i>				

			with Martin Hadlow who has been the WRTH collaborator for Solomon Islands. At my re- quest he has been in touch with SIBC and he has just advised: ``Have had a response from the SIBC in Honiara. Their MW transmitter is on and working OK. The problem is with the Japanese manufactured transmitter on shortwave. (I think the one TX runs both5020 and 9545 frequencies). The SIBC technical team is getting advice from the Japanese manu- facturer. The equipment came back on-air briefly a few days ago, but is off again now. They are working as hard as they can to get it fixed.`` Regards, Bryan Mangawhai - Northland- New Zealand``` Ron Howard`s last report on this from California: ``Also no signal from SIBC (5020, nor on 9545) on Feb 7, from 0825+ UT. Ron`` (Glenn Hauser, OK, WOR)
5020	Mar4	1022	SIBC. Thanks to Glenn for noticing their reactivation after a considerable silence; better audio level than heard in the past, but still unreadable. (Ron Howard, Asilomar State Beach, Calif.)
5020	Mar4	1800	Der Tropenbandsender der Solomon Island Broadcasting Corporation SIBC auf 5020 kHz wurde wieder repariert und ist heute bereits um 18 Uhr UT in Salzburg schwach zu hören. Vermutlich ist ein Techniker vor Ort - was den verlägerten Sendebetrieb erklären würde. Normalwerweise beginnt die Morgensendung um 19 Uhr UT. Danke an Uwe Volk in Thailand für den Hinweis. (Christoph Ratzer)
5040 5040	Feb23 Feb26	-0756* *1829-	RHC. Faint audio from Vanuatu then heard. (Ron Howard, Asilomar State Beach, Calif.) Radio Vanuatu ist seit dem Sendebeginn um 1829 im 60 Meter Tropenband schwach zu hören. (Christoph Ratzer)
5040	Mar4	1010	Radio Vanuatu. News in Bislama; into music program; poor. (Ron Howard, Asilomar State Beach, Calif.)
5045	Feb28	1118	Bay Islands Radio, relay of Island FM 88, from 1118 to past 1218; very nice surprise to find audio here above threshold level; pop songs (CHIC - "Le Freak," etc.); Aussie DJ; 1131, clear "Island Radio" ID. A very rare reception for me! (Ron Howard, Asilomar State Beach, Calif.)
5050	Mar2	1514	Beibu Bay Radio. The usual brief spot in English about food; Hainan Island is famous for their seafood. My audio at <u>https://bit.ly/3hD0CcY</u> . (Ron Howard, Asilomar State Beach, Calif.)
5055	Mar4	0918	Radio 4KZ, from 0918+. Pop songs; at a level that were easy to ID (Billy Joel - "Just the Way You Are," Mr. Mister - "Broken Wings," Olivia Newton John - "Xanadu," Andy Gibb - "I Just Want to Be Your Everything," Culture Club - "Karma Chameleon," etc.); still on at 1020. (Ron Howard, Asilomar State Beach, Calif.)
5860	Feb19	1650	Radio Farda, Sulaibiyah, Persian comments and songs. (Méndez)
5905	Mar1	0606	DWD, Pinneberg, weather report. // 6180. (Méndez)
5915	Feb28	1803	Zambia NBC, Radio 1, Lusaka, English, news id. "This news comes to you from Zam-
5020	Eab22	*0753-	bia", at 1821, Swahili, comments, advertisements. (Méndez) Voice of Freedom, on Feb 23. *0753 - Sign on; gong rung three times; Voice of Freedom
5920	Feb23		ID; Republic of Korea choral National Anthem; VOF FM frequency announcement; VOF singing station jingle; 0500 PM KST announcement; 0800, program "Hamkke tteonaneun eum-ag-yeohaeng" (Let's go music together); N. Korea jamming is daily noted here from about 0700 to 1100 UT (Ron Howard, Asilomar State Beach, Calif.)
5930	Mar1	0605	World Music Radio, Randers, Bramming, pop and Latin American songs. (Méndez)
5938.8	Mar3	2333	R.Voz Missionária, Camboriú SC. Adj. QRM. // 9666.756 rtd. 2343. 23441 (CG)
5955 5960.006	Feb22 Feb22	2206 2317	Sunlite R, Westdorpe. Pops. 35443 (CGS) UTwente, VOT English is on, but no guarantee it really started by 2300! S9+25/30 with
5960.006	FeD22	2317	<ul> <li>UTwente, VOT English is on, but no guarantee it really started by 2300! S9+25/30 with music, good modulation, 2318 COVID PSA; 2319 2-minute multilingual ID reel filler;</li> <li>2321 ``Wavelength Commentary`` penned by, PhD candidate at University of Exeter(?), titled ``US provoked Russia in order to maintain its global primacy`` huh?? Enough of that. 2348 recheck IS plays after generic sign-off for several English times.</li> <li>2356 fade-down IS and restart, now with German IDs interspersed. 2400 5+1 timesignal with that from CCCCCCI JBA underneath; sign-on in German for the 1230 outsending which really is supposed to be on SW, 15270. Something`s always erroneous at Emirler. Before next recheck 2410, VOT is off uncovering PBS Xinjiang with CNR1 in imperialist Mandarin, land of ChiCom genocide, ``re-education`` and slave labor among native Uyghurs and other Moslems of East Turkistan (Glenn Hauser, OK, WOR)</li> </ul>
5985	Mar2	1524	Myanmar Radio. Unusual jamming (sounded N. Korean - against who?); Buddhist chan- ting sutras/Buddhist bell; 1530, intro ID for their English segment; "Good evening listener's. This is Myanmar Radio," with "radiating" frequencies; would have been very good reception, except for the jamming. My audio at <u>https://bit.ly/3pwe512</u> . (Ron Ho- ward, Asilomar State Beach, Calif.)

<ul> <li>vice publique", "Radio Mali", program "Au son du coq", the first morming show YLe Journal, premistre definion", (Méndez)</li> <li>Yang Yang Yang Yang Yang Yang Yang Yang</li></ul>	5995	Mar1	0553	Radio Mali, Bamako, African songs, id. "La Radio Nationale", "ORTM, la pasion du ser-
<ul> <li>premitre édition<sup>7</sup>. (Mendez)</li> <li>2138. Nuali, Kati, Yu. tribal songs. 35433 (CGS)</li> <li>Mar5 1305</li> <li>Nadis, Kati, Yu. tribal songs. 35433 (CGS)</li> <li>Mar5 1518</li> <li>Radio Stavia Int. Kall K-rekel Germany, EE, talks about Uraine, fair good (Bermandini)</li> <li>Feb19</li> <li>Feb19</li> <li>Peb20</li> <li>Feb20</li> <li>Feb19</li> <li>Radio Dela International, Elburg, pop songs in English, id. "Radio Dela International" at 07011: "Finnish Request". (Mendez)</li> <li>Feb19</li> <li>Radio Dela International, Elburg, pop songs in Anglish, id. "Radio Dela International", at 0701: "Orice of FreeGounce - back on alternate 6045. National Anthem, mixing with N. Korca super jamming which is here most of the time: ex; 5920, noted with pulsating N. Korean jamming in the ende at 0807° and a minute later stated jamming on 6045. (Ron Howard, Asilomat State Beach, Calif.)</li> <li>6050</li> <li>Feb20</li> <li>0450</li> <li>Mar1</li> <li>0540</li> <li>CPRX, Toronto, English, comments, news. QRM from Channel 292 with "The Ovecomer Ministry" on the same frequency. (Mendez)</li> <li>6070</li> <li>Mar5</li> <li>1303</li> <li>Forbi P SL20</li> <li>CPRX, Toronto, English, comments, news. QRM from Channel 292 with "The Ovecomer Ministry" on the same frequency. (Mendez)</li> <li>6070</li> <li>Mar5</li> <li>1303</li> <li>Forbi P SL20</li> <li>Rodio Mi Anigo International, finging back the golden era of AM offshore ra- dio", pap songs, Okies. (Mendez)</li> <li>6085</li> <li>Mar1</li> <li>6145</li> <li>6145</li> <li>6147</li> <li>7070</li> <li>Fadio Mi Anigo International, bringing back the golden era of AM offshore ra- dio", pap songs, Okies. (Mendez)</li> <li>6148</li> <li>6149</li> <li>6149</li> <li>6149</li> <li>6140</li> <li>6140</li> <li>6140</li> <li>6140</li> <li>6141</li> <li>6140</li> <li>6141</li> <li>614</li></ul>				vice publique", "Radio Mali", program "Au son du coq", the first morning show of Radio
<ul> <li>Feb25 2139 F. Mali, Kai, Vn, irbal songs, 35433 (CGS)</li> <li>Wote of Mongolia, Kall-Krek German, EE, talks about Mongolia, fair (Bernardini)</li> <li>Mar5 1331 Radio Slovakia Int, Kall Krekel German, EE, talks about Mongolia, fair (Bernardini)</li> <li>Kadio Slovakia Int, Kall Krekel German, EE, talks about Mongolia, fair (Bernardini)</li> <li>Feb20 053 Radio Delta International, Elburg, pop songs in English, id. "Radio Delta International", at 0701': "Finiah Request". (Mednez)</li> <li>Fob20 1053 Radio Denti Jatematica Mol. National Antherm, mixing with N. Korea super jamming which is here most of the time; ex: 5920, noted with pulsating N. Korean jamming that ended at 0807' and a minute later started jamming on 6045. (Ron Howard, Asthomar State Beach, Call').</li> <li>Wote of Fredou da 0807' and a 1000 Crampia, La "State See HCIL". (Mednez)</li> <li>Mar1 0540 (EUR, Fichincha SS, religious comments unlas EE, fair (Bernardini)</li> <li>Mar3 1050 Votice of Hope Africa, Zambia, religious talks EE, fair (Bernardini)</li> <li>Mar5 1235 (Vice of Hope Africa, Zambia, religious talks EE, fair (Bernardini)</li> <li>Mar5 1300 From the late of the Music, Rohrbach Germany, music &amp; songs, EE fair (Bernardini)</li> <li>Mar5 1300 From the late of the Music, Rohrbach Germany, music &amp; songs, EE fair (Bernardini)</li> <li>Mar1 40759 Radio M. Amigo International, bringing back the golden end of AM offshore radio", prop songs, oldies. (Mendez)</li> <li>Mar1 40759 Radio M. Amigo, Kall Krekel, open with music, time signals, "Nine o'clock in Central Europe, Radio M. Amigo International, bringing back the golden end of AM offshore radio", prop songs, oldies. (Mendez)</li> <li>Mar1 40751 RTTY INTRUDER believed to be US Navy, is back. Not strong and altho butting 6115 Nitkki Japan. USB to prov with RTTY QRM sWCR afre 0100 when it's on 6115 until 0200. But WCR is so balasing here that it would not be a problem in the unilkely evert Proy good reception in USB, proo</li></ul>				
<ul> <li>Mar5 1305 Voice of Mongolia, Kall-Krekel Germany, EE, talks about Uraines, fair good (Bernardini)</li> <li>Feb19 2223 R. Inconfidencia, Belo Horizonte MG, Mx, Adj. QRM, // 15190,107, 14431 (CGS)</li> <li>Feb20 0658 R. Addio Delta International, Filturg, pop songs in Fnglish, id. "Radio Delta International", at 0701: "Timrish Request". (Mendez)</li> <li>Feb19 1835 Radio Delta International, Filturg, pop songs in Fnglish, id. "Radio Delta International" at 0701: "Timrish Request". (Mendez)</li> <li>Feb20 0458 Radio Delta International, Filturg, pop songs in Fnglish, id. "Radio Delta International" minitul latt statute d glamming on 6045. (Kon Howard, Asilomar State Beach, Calif.)</li> <li>Feb20 0450 HCJB, Fchinchen, SS, religious comments and songs, id. "Esta es HCJB". (Méndez)</li> <li>Mar4 0404 ELWA Radio, Monrovia, English, religious colls EE, fair (Bernardini)</li> <li>G070 Mar5 1235 Alt Universe Top 40, Rohrhach Germany, songs, EE, fair (Bernardini)</li> <li>G070 Mar5 1300 From the Isle of the Music, Robrach Germany, songs, EE, fair (Bernardini)</li> <li>G070 Mar5 1300 From the Isle of the Music, Rohrbach Germany, music &amp; songs. EE fair (Bernardini)</li> <li>G080 Feb19 2220 R. Marumby, Curitiba PR, Rgs, propag., ranal, into E. Adj. QRM. 34432 (CGS)</li> <li>G070 Mar5 1303 From the Isle of the Music, Rohrbach Germany, songs, EE, fair (Bernardini)</li> <li>G080 Feb19 2200 R. Marumby, Curitiba PR, Rgs, propag., ranal, into E. Adj. QRM. 34432 (CGS)</li> <li>G081 Fab19 2021 R. Marumby, Curitiba PR, Rgs, propag.; ransl. into E. Adj. QRM. 34432 (CGS)</li> <li>G081 Mar1 0451 Voice of Anhana State, Addis Ababa, Vernacular comments, (Méndez)</li> <li>G081 Fab19 2071 R. ThrY DINTEDER believed to be US Navy, is back. Nor strong and altho aburting 0115 Nikkei Japan, USB mning on 6115 secapes it. Lou Johnson, Georgia, keps complaining tha the RTTY ORMS WCR after 0100 when it son 615 Junitil 2000 But WWCR is so blasting here that it would not be a</li></ul>	5995	Feb25	2139	
6000         Feb2         Radio Stovakū ntr. Kall Krekel German, EE; (aliks about Ukraine, fair good (Rermathii))           6010         Feb2         628         Radio Delta International, Elburg, pop songs in English, id. "Radio Delta International", at (7011 "Finish Request", (Mendez)           6030         Feb19         1835         Radio Oroniya, Addis Ababa, Vernacular, comments, East African songs. (Méndez)           6045         Marf         075         Voice of Freedom - back on alternate 6045, National Anthem; mixing with N. Korean ager jamming which is here most of the time; ex: 320, noted with pulsating N. Korean agar-ning that ended at 0807* and a ninute later started jamming on 6045. (Ron Howard, Asilomar State Beach, Calif.)           6050         Marf         0440         ELWA Radio, Monrovia, English, religious comments. (Mendez)           6070         Marf         175         Voice of Hope Africa, Zambia, religious tomments, mess, CBK Mf from Channel 292 with "The Ovecomer Ministry" on the same frequency. (Méndez)           6070         Marf         1325         All Universe: Toppug, transi, Lint E. Adj. (RMA 34432 (CGS)           6085         Mar1         *0759         Radio Mi Amigo International, briging back the golden era of AM offshore radio", pop songs, Kell Krief (International, Gregin, Lepso, Songin,				
6010         Feb19         2223         R.Inconfidencia, Belo Horizonte MG, Mx, Adj. QRM, // 15190.107. 14/31 (CGS)           6020         Feb19         1835         Radio Delta International, l'Iburg, pop songs in English, id. "Radio Delta International", at 0701. "Finnish Request". (Mendez)           6030         Feb19         1835         Radio Delta International, l'Iburg, pop songs in English, id. "Radio Delta International", at 0701. "Finnish Request". (Mendez)           6045         Marl         0455         National Anthem, mixing with N. Korea super jamming which is here most of the time; ex: 5920, noted with pulsating N. Korean jam- ming that ended at 0807* and a minute later stated jamming on 6045. (Ron Howard, Asilomar State Beach, Calif.)           6050         Feb20         0450         HCJB, Fichincha, SS, religious comments, mexs. QRM from Channel 292 with "The Ovecomer Ministry" on the sum frequency. (Mendez)           6050         Marl         0450         From the Isle of the Music, Rohrbach Germany, music & songs, EE fair (Bernardini)           6070         Mar5         1330         From the Isle of the Music, Rohrbach Germany, music & songs, IE fair (Bernardini)           6071         Mar4         0759         Radio Mi Amigo International, Irinigng lack the golden era of AM offshore ra- dio", pop songs, oldies. (Mendez)           6070         Mar4         0759         Radio Mi Anigo International, Irinigng lack the golden era of AM offshore ra- dio", pop songs, oldies. (Mendez)           6071				• • • • • •
<ul> <li>Feb20 0658 Radio Delta International, Elburg, pop songs in English, id. "Radio Delta International", at 07011 - "finnish Request". (Medaez)</li> <li>6030 Feb19 1835 Radio Oromiya, Addis Ababa, Vernacular, comments, East African songs. (Mendez)</li> <li>6045 Mar4 0755 Voice of Freedom - back on a lenemte 6045. Nutional Anthem: mixing with N. Korea super jamming which is here most of the time; ex: 5920, noted with pulsating N. Korean jamming that ended at 0807° and a minute later started jamming on 6045. (Mon Howard, Asilomar State Beach, Calif.)</li> <li>6050 Feb20 0450 HCDB, Pichincha, SS, religious comments and songs, id. "Esta es HCDB". (Méndez)</li> <li>6050 Mar4 1050 CFRX, Toronto, English, comments, new SQM from Channel 292 with "The Ovecomer Ministry" on the same frequency. (Mendez)</li> <li>6070 Mar5 1235 Alt Universe To 40, Rohrbach Germany, songs, EE, fair (Bernardini)</li> <li>6070 Mar5 1230 From the Isle of the Music, Rohrbach Germany, music &amp; songs, EE (Mit Cheral 2)</li> <li>6080 Feb19 2220 R. Marnunby, Curitha PR. RIgs, propag., transl. into E. Ad, (DRM. 34432 (CGS)</li> <li>6083 Mar1 *0759 Radio Mi Amigo Intermational, Pringing back the golden cra of AM offshore radio", pop songs, oldics. (Mendez)</li> <li>6090 Mar1 0451 Voice of Amhara State, Adais Ababa, Vernacular comments. (Méndez)</li> <li>6011 Feb28 0715 RTTY INTRUDER believed to be US Navy, is back. Not strong and altho abutting 6115 Nikkei Japan, USB tuming on 15 to scapes it. Lou Johnson, Georgia, keeps complaining that the RTTY QRM sWCR after 0100 whend, is song 15 middle exectivity 49 MSWEC band (Gienna Hauser, OK, WOR)</li> <li>6115 Mar4 0712 R. Nikkei 2. Pop songs (Rod Stewart - "Da Ya Think I'm Sexy?" Genesis - "Invisible Touch, "etc.); ID "Radio Nikkei" (no longer with R-N-2 IDs?); very good reception in USB; poor with RTY QRM is WCR and cernany, fair fuding, good at 1530 (Bernardini)</li> <li>6115 Mar4 0712 R. Nikkei 2. Pop songs (Rod Stewart - "Da Ya Think I'm Sexy?"</li></ul>				
<ul> <li>(030) Feb19 1835 Radio Comby, Addis Abba, Vernacular, comments, East African songs. (Méndez)</li> <li>(045) Mar4 0755 Voice of Freedom - back on alternate 6045. National Anthem; mixing with. Korea super jamming which is hare most of the time; ex; 5920, noted with pulsating N. Korea super jamming that ended at 0807* and a minute later started jamming on 6045. (Ron Howard, Asliomar State Beach, Calif.)</li> <li>(050) Mar1 0640 EURA Radio, Monrovia, English, religious takes EL, fair (Bernardini)</li> <li>(050) Mar1 0640 EURA Radio, Monrovia, English, religious takes EL, fair (Bernardini)</li> <li>(070) Mar1 1235 Alt Universe Top 40, Rohrbach Germany, songs, EE, fair (Bernardini)</li> <li>(070) Mar5 1300 From the Isle of the Music, Rohrbach Germany, songs, EE, fair (Bernardini)</li> <li>(070) Mar5 1300 From the Isle of the Music, Rohrbach Germany, songs, EE, Marg (Bernardini)</li> <li>(080) Feb19 2220 R. Marunby, Curitiba PR. Rlgs, propag, transl. into E. Adj. QRM, 34423 (CGS)</li> <li>(085) Mar1 0759 Radio Mi Amigo Imernational, bringing back the golden era of AM offshore radio", pop songs, oldis: (Mendez)</li> <li>(114) Feb28 0715 RTTY INTRUDER believed to be US Navy, is back. Not strong and alting 6115 Nickei Japan. USB tuning on 6115 scupse: Lou Johnson, Georgia, keeps complaining that the RTTY QRMs WWCR after 0100 when it's on 6115 mutil 2020. But WWCR is so blasting here that it would not be a problem in the unlikely event Lever wanted to listen to it. Still, RTTY, by the USG no less, has no biz inside the exclusive 49m SWBC band (Gienna muser, OK, WOR)</li> <li>(115) Mar4 0712 R. Nikkei 2, Pop songs (Rod Slewart - Da Ya Think Im Sxy?", Gencusi - Thosible Touch, "etc.); ID *Adio Nikkei" (no longer with R-V-2 Ibs?); very goor eropation in USB; poor with RTTY QRM in LSB. (Ron Howard, Asilomar State Beach, Calif.)</li> <li>(115) Mar4 0712 R. Nikkei 2, Pop songs (Rod Slewart - Da YA Think Lon Stavy?", Gencus' - Thosible Touch, "etc.); ID *Adio Nikkei" (no l</li></ul>				
<ul> <li>Mar4 0755 Voice of Freedom - back on alternate 6045. National Anthem; mixing with N. Korea super jamming which is here most of the time; et: \$290, noted with pulsating N. Korean jamming that ended at 0807* and a minute later started jamming on 6045. (Ron Howard, Asilomar State Beach, Calif.)</li> <li>Mar1 0640 EURA Pichtanka, SS, religious comments and songs, id. "Esta es HCJB". (Méndez)</li> <li>Mar1 0640 EURA Pichtanka, SS, religious comments. (Méndez)</li> <li>Voice of Hope Africa, Zambia, religious talke EF, fair (Bernardini)</li> <li>CFRX, Toronto, English, comments, news. QRM from Channel 292 with "The Ovecomer Ministy" on the same frequency. (Méndez)</li> <li>Mar5 1230 From the lste of the Music, Rohrbach Germany, songs, EE fair (Bernardini)</li> <li>From the lste of the Music, Rohrbach Germany, songs, McM. 34432 (CGS)</li> <li>Mar1 *0759. Radio Mi Amigo International, Pringing back the golden era of AM offshore radio", pop songs, oldies. (Méndez)</li> <li>Voice of Anthana State, Addis Ababa, Vernacular comments. (Méndez)</li> <li>Mar1 *0759. Radio Mi Amigo International, Pringing back the golden era of AM offshore radio", pop songs, oldies. (Méndez)</li> <li>Mar1 *0759. RTTY INTRUDER believed to be US Navy, is back. Not strong and altho abuting 6115 Nikkei Japan, USB tuning on 6115 escapes it. Lou Johnson, Georgia, keeps complaining that the RTTY QRMs WKCR after 0100 when it's on 6115 until 0200. But WWCR is so blassing here that it would not be a problem in the unlikely event 1 ever wanted to listen to is. USB; poor with RTTY QRMs wWCR after 0100 when it's on 6115 until 0200. But WWCR is so blassing here that it Would not be a groblem in the unlikely event 1 ever wanted to listen to is. USB; poor with RTTY QRMs WKCR after 0100 meant (S.25) it in Halam, fair 7160 (Bernardini) USB; poor with RTTY QRMs WKCR after 0100 shen it's on 6115 until 0200 reception in USB; poor with RTTY QRMs bargearean, songs at 15.25 it in Halian, fair 71616 (Bernardini) 15</li></ul>				
<ul> <li>jamming which is here most of the time; es: 5920, noted with pulsating N. Korean jam. ming that cnded at 08079 and a minute later started jamming on 6045. (Ron Howard, Asilomar State Beach, Calif.)</li> <li>6050 Mar1 0640 ELWA Radio, Monrovia, English, religious comments. (Méndez)</li> <li>6050 Mar4 0440 CFRX, Torotto, English, religious comments, (Méndez)</li> <li>6070 Mar4 10454 CFRX, Torotto, English, religious talks EE, fair (Bernardini)</li> <li>6070 Mar5 1235 Alt Universe Top 40, Rohrbach Germany, songs, EE, fair (Bernardini)</li> <li>6070 Mar5 1300 From the Isle of the Music, Rohrbach Germany, music &amp; songs, IE fair (Bernardini)</li> <li>6080 Feb19 2220 R. Maramby, Curitiba PR. Rigs, propag., transl. into E. Adj. QRM. 34432 (CGS)</li> <li>6085 Mar1 "0759- Radio Mi Amigo, Kall Krekel, open with music, time signals, "Nine o'clock in Central Europe, Radio Mi Amigo, Kall Krekel, open with music, time signals, "Nine o'clock in Central Europe, Radio Mi Amigo, Kall Krekel, open with music, time signals, "Nine o'clock in Central Europe, Radio Mi Amigo International, bringing back the golden era of AM offshore ra- dio", opo songo, oldies, (Mendez)</li> <li>6114 Feb2 0715 Nitkei Japan, USB tuning on 615 escapes it. Lou Johnson, Georgia, keeps complaining that the RTTY QRMS WWCR after 0100 when it's on 615 until 0200. But WWCR is so blasting here that it would not be a problem in the unlikely event Lever wanted to listen to it. Still, RTTY, by the USG no less, has no biz inside the exclusive 49m SWBC band (Glem Hauser, OK, WOR)</li> <li>6115 Mar4 0712 R. Nitkei 2. Pop songs (Rod Stewart - "Da Ya Think I'm Sexy?," Genesis - "Invisible Touch," etc.): ID ¬Radio Nitkei" (no longer with R-N-2 IDS?); very good reception in USB; poor with RTTY QRM WWCR is so blasting here that it would not be a problem in the unlikely event Levopa Twenty- four," id. in German "Europa Vierundzwarzig", songs, odies. (Mendez)</li> <li>6160 Mar5 1300 Shortwave Radio, Winsen, Germany, songs</li></ul>				
<ul> <li>iming that ended at 0807* and a minute later started jamming on 6045. (Ron Howard, Asilomar State Beach, Calif.)</li> <li>6050</li> <li>6050</li> <li>Mari</li> <li>6040</li> <li>6041</li> <li< td=""><td>6045</td><td>Mar4</td><td>0755</td><td>• •</td></li<></ul>	6045	Mar4	0755	• •
<ul> <li>Astiomar State Beach, Calif.)</li> <li>GoS0 Feb20 450</li> <li>HCJB, Pichincha, SS, religious comments and songs, id: "Esta es HCJB", (Méndez)</li> <li>GOS0 Mar4 0540</li> <li>HCJB, Pichincha, SS, religious comments and songs, id: "Esta es HCJB", (Méndez)</li> <li>GOT0 Mar4 1055</li> <li>CFRX, Torotto, English, comments, news, QRM from Channel 292 with "The Ovecomer Ministry" on the same frequency. (Méndez)</li> <li>Alt Univers: Top 40, Rohrbach Germany, songs, EE, fair (Bernardini)</li> <li>GOT0 Mar5 1300</li> <li>Form the Isle of the Music, Rohrbach Germany, songs, EE, fair (Bernardini)</li> <li>GOR0 Feb19 2220</li> <li>R. Marumby, Curitiba PR. Rigs, propag., transl. into E. Adj. QRM. 34432 (CGS)</li> <li>GO85 Mar1 "0759- Radio Mi Amigo, Kall Krekel, open with music, time signals, "Nine o'clock in Central Europe, Radio Mi Amigo, Kall Krekel, open with music, time signals, "Nine o'clock in Central Europe, Radio Mi Amigo International, bringing back the golden era of AM offshore ra- dio", pop songs, oldies, (Mfendez)</li> <li>GO90 Mar1 0451</li> <li>Voice of Amhara State, Addis Ababa, Vernacular comments, (Méndez)</li> <li>G114 Feb28 0715</li> <li>RTTY INTRUDER believed to be US Navy, is back. Not storog and altho abutting 6115 Nikkei Japan, USB tuning on 6115 escapes it. Lou Johnson, Georgia, keeps complaining that the RTTY QRMs WCR after 0100 when it's on 6115 until 2000. But WCR is so blasting here that it would not be a problem in the unikkely event I ever wanted to listen to it. Still, RTTY, by the USG no less, has no biz inside the exclusive 49m SWBC band (Glem Hauser, OK, WGR)</li> <li>G115 Mar4 0712 R. Nikkei 2.Pop songs (Rod Stewart - "Da Ya Think I'm Sexy?," Genesis - "Invisible Touch," etc.); ID "Radio Nikkei" (no longer with R-N-2 IDs?); very good reception in USB; poor with RTTY QRM in LSB. (Ron Howard, Asilomar State Beach, Calif.)</li> <li>G140 Mar5 1500</li> <li>Shortware Radio, Winsen, German, heir fn</li></ul>				
<ul> <li>Feb20 0450 Feb20 4050 HCJB, Pichincha, SS, religious comments and songs, id. "Esta es HCJB", (Méndez)</li> <li>G050 Mar1 0640 ELWA Radio, Monrovia, English, religious talks EE, fair (Bernardini)</li> <li>G070 Mar1 0454 CrRA, Toronto, English, comments, news. QRM from Channel 222 with "The Ovecomer Ministry" on the same frequency. (Méndez)</li> <li>G070 Mar5 1300 From the Isle of the Music, Rohrbach Germany, music &amp; songs, EE fair (Bernardini)</li> <li>G070 From the Isle of the Music, Rohrbach Germany, music &amp; songs, EE fair (Bernardini)</li> <li>G070 Mar5 1300 From the Isle of the Music, Rohrbach Germany, music &amp; songs, EE fair (Bernardini)</li> <li>G080 Feb19 2220 R.Marumby, Curitiba PR. RIgs, propag, transl. into E. Adj. QRM. 34432 (CCGS)</li> <li>G080 Mar1 0759. Radio Mi Amigo International, bringing back the golden era of AM offshore ra- dio", pop song, oldies. (Mendez)</li> <li>G010 Mar1 0451 Voice of Amhara Statt, Addis Ababa, Vernacular comments. (Méndez)</li> <li>G114 Feb28 0715 RTTY INTRUDER believed to be US Navy, is back. Not strong and alho abutting 6115</li> <li>Mikkei Japan, USB tuning on 6115 scapes it. Lou Johnson, Georgia, kceps complaining that the RTTY QRMs WWCR after 0100 when it's on 615 until 0200. But WWCR is so blasting here that it would not be a problem in the unlikely event I ever watted to listen to it. Still, RTTY, by the USG no less, has no biz inside the exclusive 49m SWBC band (Glem Hauser, OK, WOR)</li> <li>G110 Mar5 1310 Radio Onda, Borculo The Netherlands, songs no stop with some ids, fair fading, good at 1530 (Bernardini)</li> <li>G140 Mar5 1500 Resa, Kaing North Korea, Germany, Noga st 15.25 id in Italian, fair 7160 (Bernardini)</li> <li>G150 Mar1 *0000 Radio Europa 24, Datteln, German, brief news, id in English "This is Europa Twenty- four"; id. in German "Europa Vierundzwarzje", songs, oldies. (Mendez)</li> <li>G160 Mar5 1500 Resa, Kaing North Korea, German px, fair (over SWR) (Bernardini)</li> <li></li></ul>				
<ul> <li>6050 Marl 0640 ELWA Radio, Monrovia, English, religious comments. (Méndez)</li> <li>6065 Marl 0757 Voice of Hope Africa, Zambia, neligious talks EE, fair (Bernardini)</li> <li>6070 Marl 0454</li> <li>6070 Mars 1235</li> <li>6070 Mars 1300</li> <li>6070 Mars 1300</li> <li>6070 Mars 1300</li> <li>6070 Mars 1300</li> <li>6080 Feb19 2220</li> <li>6085 Marl 6075</li> <li>6080 Rel 2020</li> <li>6114 Feb28 2017</li> <li>6114 Rel 2020 Rel 2020</li> <li>6114 Feb28</li> <li>6114 Feb28</li> <li>6115 Voice of Ambara State, Addia Ababa, Vernacular comments. (Méndez)</li> <li>6114 Feb28</li> <li>6115 Voice of Ambara State, Addia Ababa, Vernacular comments. (Méndez)</li> <li>6114 Feb28</li> <li>6115 Mard 0712</li> <li>6115 Rel 2015</li> <li>6115 Nikkei Japan, USB tuning on 6115 escapes it. Lou Johnson, Georgia, keeps complaining that the RTTY QRMs WVCR after 0100 when it's on 6115 unil 0200. But WWCR is so blasting here that it would not be a problem in the unlikely event 1 ever wanted to listen to it. Still, RTTY, by the USG no less, has no biz inside the exclusive 49m SWBC band (Glem Hauser, OK, WOR)</li> <li>6115 Mard 0712 R. Nikkei 2. Pop songs (Rod Stewart - "Da Ya Think Tm Sexy?, Genesis - "Invisible Touch," etc.). ID "Radio Nikkei" (no longer with R-N-2 IDs?); very good reception in USB; poor with RTTY QRM in LSB. (Ron Howard, Asilomar State Beach, Calif.)</li> <li>6140 Mar5 1310</li> <li>6140 Radio Europa 24, Datteln, German, brief news, id in English "This is Europa Twenty-four", id. in German 'thropa Vierund/awarg<sup>2</sup>, songs, oldies. (Méndez)</li> <li>6150 Mar1 1500</li> <li>6161 Mar5 1500</li> <li>6170 Kar5 1430</li> <li>6180 Kar6 1400 Rel 600 Kuing Nigens for hoxes, fair (Bernardini)</li> <li>6181 Kar1&lt;</li></ul>	<0. <b>F</b> 0	-	0.4.50	
<ul> <li>Mar4 1755 Voice of Hope Africa, Zambia, religious talks EE, fair (Bernardini)</li> <li>GFRX, Torono, English, comments, news. QRM from Channel 292 with "The Ovecomer Ministry" on the same frequency. (Méndez)</li> <li>Mar5 1300 From the 18e of the Music, Rohrbach Germany, songs, EE, fair (Bernardini)</li> <li>From the 18e of the Music, Rohrbach Germany, music &amp; songs, EE fair (Bernardini)</li> <li>Prom the 18e of the Music, Rohrbach Germany, music &amp; songs, EE fair (Bernardini)</li> <li>Rohara 1800 Front he 18e of the Music, Rohrbach Germany, music &amp; songs, EE fair (Bernardini)</li> <li>Rohara 1800 From the 18e of the Music, Rohrbach Germany, music &amp; songs, EE fair (Bernardini)</li> <li>Rohara 1800 From the 18e of the Music, Rohrbach Germany, music &amp; songs, EE fair (Bernardini)</li> <li>Rohara 1800 From the 18e of the Music and the solution of AM offshore radio", pop songs, oldies. (Mendez)</li> <li>Nar4 0451 Voice of Amhara State, Addis Ababa, Vernacular comments. (Méndez)</li> <li>Nikkei Japan, USB tuning on 6115 secapes it. Lou Johnson, Georgia, keeps complaining that the RTTY QRMs WWCR after 0100 when it's on 6115 until 0200. But WWCR is so blasting here that it would not be a problem in the unlikely event 1 ever wanted to listent to it. Still, RTTY, by the USG no less, has no biz inside the exclusive 49m SWBC band (Glem Hauser, OK, WOR)</li> <li>Mar4 0712 R. Nikkei 2. Pop songs (Rod Stewart - "Da Ya Think I'm Sexy?," Genesis - "Invisible Touch," etc.). ID "Radio Nikkei" (no longer with R-N-2 IDs?); very good reception in USB; poor with RTTY QRM in LSB. (Ron Howard, Asilomar State Beach, Calif.)</li> <li>Radio Onda, Borculo The Netherlands, songs no stop with some ids, fair fading, good at 1530 (Bernardini)</li> <li>Mar1 8000 Shortwave Radio, Winsen, Germany, songs at 15.25 id in Italian, far 7160 (Bernardini)</li> <li>Nar5 1430 Shortwave Radio, Winsen, Germany, songs at 15.25 id in Italian, far 7160 (Bernardini)</li> <li>Nar5 1430 Short</li></ul>				
<ul> <li>6070 Mar1 0454 CFRX, Toronto, English, comments, news. QRM from Channel 292 with "The Ovecomer Ministry" on the same frequency. (Méndez)</li> <li>6070 Mar5 1235 Alt Universe Top 40, Rohrbach Germany, songs, EL, fair (Bernardini)</li> <li>6080 Feb19 2230 Radio Mi Amigo International, bringing back the golden era of AM offshore radio", pop songs, oldies. (Méndez)</li> <li>6080 Mar1 0451 Voice of Amhara State, Addis Ababa, Vernacular comments. (Méndez)</li> <li>6090 Mar1 0451 Voice of Amhara State, Addis Ababa, Vernacular comments. (Méndez)</li> <li>6114 Feb28 0715 RTTY INTUDER believed to be US Navy, is back. Not strong and altho abutting 6115 Nikkei Japan, USB tuning on 6115 escapes it. Lou Johnson, Georgia, keeps complaining that the RTTY QRMs WWCR after 0100 when it's on 6115 until 0200. But WWCR is so blasting here that it would not be a problem in the unlikely event 1 ever wanted to listen to it. Still, RTTY, by the USG no less, has no biz inside the exclusive 49m SWBC band (Genn Hauser, OK, WOR)</li> <li>6115 Mar4 0712 R. Nikkei 2. Pop songs (Rod Stewart - "Da Ya Think I'm Sexy?," Genesis - "Invisible Touch," etc.); ID "Radio Nikkei" (no longer with R-N-21Ds?); very good reception in USB; poor with RTTY QRM in LSB. (Kon Howard, Asilomar State Beach, Calif.)</li> <li>6140 Mar5 1310 Radio Ond, Borculo The Netherlands, songs no stop with some ids, fair fading, good at 1530 (Bernardini)</li> <li>6150 Mar1 *00800 Radio Guropa 24, Datteln, German, brief news, id in English "This is Europa Twenty-four", id. in German "Europa Vierundzwazig", songs, oldies. (Méndez)</li> <li>6160 Mar5 1500 Yan2 Califor Propender, Zwolle (presumed), rock songs in English. (Méndez)</li> <li>6170 Mar5 1400 Radio Europa 24, Datteln, German, prief news, id in English "Gold Genardini)</li> <li>6180 Feb19 *1917 Radio Ing Europa Vierundzwazig", songs, oldies. (Méndez)</li> <li>6205 Mar1 1205</li> <li>6300 Kar5 1500 Sond GHO Hope (Land), Hwascong, Kor to KRE, tks, 35431 (CGS)<!--</td--><td></td><td></td><td></td><td></td></li></ul>				
Ministry" on the same frequency (Méndez)           6070         Mar5         1330         Alt Universe Top 40, Rohrbach Germany, songs, EE, fair (Bernardini)           6080         Feb19         2220         R.Marumby, Curitiba PR, RIgs. propag. transl. into E. Adj. QRM, 34432 (CGS)           6085         Mar1         *0759         Radio Mi Amigo, Kall Krekel, open with music, time signals, "Nine o'clock in Central Europe, Radio Mi Amigo International, bringing back the golden era of AM offshore radio", pop songs. oldies. (Mendez)           6090         Mar1         0451         Voice of Amhara State, Addis Ababa, Vernacular comments. (Méndez)           6114         Feb28         0715         RTTY INTRUDER believed to be US Navy, is back. Not strong and altho abutting 6115           6114         Feb28         0712         RTTY QRMs WWCR after 0100 when it's on 6115 until 0200. But WWCR is so blasting here that it would not be a problem in the unlikely event I ever wanted to listen to it. Still, RTTY, by the USG no less, has no biz inside the exclusive 49m SWBC band (Glem Hauser, OK, WOR)           6115         Mar4         0712         R. Nikkei Japo Kod Stewart - "Da Ya Think I'm Sexy?," Genesis - "Invisible Touch," etc.): ID "Radio Nikkei" no longer with R-N-2 IDs?); very good reception in USB; poor with RTTY QRM in LSB. (Kon Howard, Asilomar State Beach, Calif.)           6140         Mar5         1310         Radio Ong Europe 24, Datteln, German, brief news, id in English "This is Europa Twenty-four", id. in German theropa Vierundzwanzig", songs, oldies. (Méndez)				1 0 0
<ul> <li>6070 Mar5 1235 Alt Universe Top 40, Rohrbach Germany, songs, EE, fair (Bernardini)</li> <li>6080 Feb19 2220 R.Marumby, Curitiba PR. Rigs. propag., transl. into E. Adj. QRM. 34432 (CGS)</li> <li>6085 Mar1 *0759 Radio Mi Amigo, Kall Krekel, open with music, time signals, "Nine o'clock in Central Europe, Radio Mi Amigo, Kall Krekel, open with music, time signals, "Nine o'clock in Central Europe, Radio Mi Amigo, Kall Krekel, open with music, time signals, "Nine o'clock in Central Europe, Radio Mi Amigo, Kall Krekel, open with music, time signals, "Nine o'clock in Central Europe, Radio Mi Amigo International, bringing back the golden era of AM offshore radio", pop songs, oldies, (Méndez)</li> <li>6090 Mar1 0451 Voice of Anhara State, Addis Ababa, Vernacular comments. (Méndez)</li> <li>6114 Feb28 0715 RTTY INRUDER believed to be US Navy, is back. Not strong and altho abutting 6115 Nikkei Japan, USB tuning on 6115 escapes it. Lou Johnson, Georgia, keeps complaining that the RTTY QRMs WWCR after 0100 when it's on 6115 until 0200. But WWCR is so blasting here that it would not be a problem in the unlikely event 1 ever wanted to listen to it. Still, RTTY, by the USG no less, has no biz inside the exclusive 49m SWBC band (Glenn Hauser, OK, WOR)</li> <li>6115 Mar4 0712 R. Nikkei 2. Pop songs (Rod Stewart - "Da Ya Think I'm Sexy?," Genesis - "Invisible Touch," etc.); ID "Radio Nikkei" (no longer with R-N-2 IDS?); very good reception in USB; poor with RTTY QRM in LSB. (Ron Howard, Asilomar State Beach, Calif.)</li> <li>6140 Mar5 1500 Mar1 *0800- Radio Europa 24, Datteln, German, brief news, id in English "This is Europa Twenty-four", id. in German' Europa Vierundzwanzig", songs, oldies. (Méndez)</li> <li>6150 Mar1 *000- Radio Europa 24, Datteln, German, brief news, idi neglish. (Méndez)</li> <li>6160 Mar5 1500 Voice of Korea, Kujang North Korea, German px, fair (over SWR) (Bernardini)</li> <li>6175 Mar5 1430 Radio Jenge Europe, Alphen aan den Rijn, songs few ids, weak (no 6125</li></ul>	6070	Mari	0454	
<ul> <li>6070 Mar5 1300 From the Isle of the Music, Rohrbach Germany, music &amp; songs, EE fair (Bernardini)</li> <li>6085 Mar1 "0759 Radio Mi Amigo, Kall Krekel, open with music, time signals, "Nine o'clock in Central Europe, Radio Mi Amigo, Kall Krekel, open with music, time signals, "Nine o'clock in Central Europe, Radio Mi Amigo International, bringing back the golden era of AM offshore radio", pop songs, oldies. (Méndez)</li> <li>6090 Mar1 0451 Voice of Anhara State, Addis Ababa, Vernacular comments. (Méndez)</li> <li>6114 Feb28 0715 RTTY INTRUDER believed to be US Navy, is back. Not strong and altho abutting 6115 Nikkei Japan, USB tuning on 6115 secapes it. Lou Johnson, Georgia, keeps complaining that the RTTY QRMs WWCR after 0100 when it's on 6115 until 0200. But WWCR is so blasting here that it would not be a problem in the unlikely event l ever wanted to listen to it. Still, RTTY, by the USG no less, has no biz inside the exclusive 49m SWBC band (Glenn Hauser, OK, WOR)</li> <li>6115 Mar4 0712 R. Nikkei 2. Pop songs (Rod Stewart - "Da Ya Think I'm Sexy?," Genesis - "Invisible Touch," etc.); ID "Radio Nikkei" (no longer with R-N-2 IDs?), very good reception in USB; poor with RTTY QRM in LSB. (Ron Howard, Asilomar State Beach, Calif.)</li> <li>6140 Mar5 1310 Radio Dada, Borculo The Netherlands, songs no stop with some ids, fair fading, good at 1530 (Bernardini)</li> <li>6150 Mar1 *0000 Radio Europa 24, Datteln, German, brif news, id in English "This is Europa Twenty-four", id: in German "Europa Vierundzwanzig", songs, classical music. (Méndez)</li> <li>6160 Mar5 1500 Shortwave Radio, Winsen, Germany, songs at 15.25 id in Italian, fair 7160 (Bernardini)</li> <li>6170 Mar5 1500 Shortwave Radio, Winker, Germany, fair (over SWR) (Bernardini)</li> <li>6185 Mar1 0501 Radio Educación, Ciudad de México, Mexican songs, classical music. (Méndez)</li> <li>6256 Feb19 1516 Radio Educación, Ciudad de México, Mexican songs, classical music. (Méndez)</li> <li>6250 Feb21 2220 R</li></ul>	6070	Mar5	1235	
<ul> <li>Fob19 2220 R.Marumby, Curitiba PR. RIgs. propag., transl. into E. Adj. ØRM. 34432 (CGS)</li> <li>Marl *0759 Radio Mi Amigo, Kall Krekel, open with music, time signals, "Nine o'clock in Central Europe, Radio Mi Amigo International, bringing back the golden era of AM offshore radio", pop songs, oldies. (Méndez)</li> <li>Marl 4051 Voice of Amhara State, Addis Ababa, Vernacular comments. (Méndez)</li> <li>Marl 4051 Voice of Amhara State, Addis Ababa, Vernacular comments. (Méndez)</li> <li>RTTY INTRUDER believed to be US Navy, is back. Not strong and altho abutting 6115 Nikkei Japan, USB tuning on 6115 escapes it. Lou Johnson, Georgia, keeps complaining that the RTTY QRMs WWCR after 0100 when it's on 6115 until 2000. But WWCR is so blasting here that it would not be a problem in the unlikely event I ever wanted to listen to it. Still, RTTY, by the USG no less, has no biz inside the exclusive 49m SWBC band (Glenn Hauser, OK, WOR)</li> <li>Mar4 0712 R. Nikkei 2. Pop songs (Rod Stewart - "Da Ya Think I'm Sexy?," Genesis - "Invisible Touch, "etc.): ID "Radio Nikkei" (no longer with R-N-2 IDS?); very god reception in USB; poor with RTTY QRM in LSB. (Ron Howard, Asilomar State Beach, Calif.)</li> <li>Radio Dnda, Borculo The Netherlands, songs no stop with some ids, fair fading, god at 1530 (Bernardini)</li> <li>Mar5 1500 Shortwave Radio, Winsen, German, brief news, id in English "This is Europa Twenty-four", id. in German "Europa Vierundzwanzig", songs, oldies. (Méndez)</li> <li>Mar5 1500 Shortwave Radio, Rujang North Korea, German px, fair (vere SWR) (Bernardini)</li> <li>Radio Educación, Ciudad de México, Mexican songs, classical music. (Méndez)</li> <li>Radio Educación, Ciudad de México, Mexican songs, classical music. (Méndez)</li> <li>Kadio Fiepzender, Zwolle (presumed), rock songs in English. (Méndez)</li> <li>Radio Fiepzender, Zwolle (presumed), rock songs in English. (Méndez)</li> <li>Kadio Fiepzender, Zwolle (presumed), rock songs, classical music.</li></ul>				1
<ul> <li>Mar1 *0759- Radio Mi Ámigo, Kall Krekel, open with music, time signals, "Nine o'clock in Central Europe, Radio Mi Amigo International, bringing back the golden era of AM offshore radio", pop songs, olidis. (Méndez)</li> <li>Mar1 0451 Voice of Amhara State, Addis Ababa, Vernacular comments. (Méndez)</li> <li>Feb28 0715 RTY INTRUDER believed to be US Navy, is back. Not strong and altho abutting 6115 Nikkei Japan, USB tuning on 6115 escapes it. Lou Johnson, Georgia, keeps complaining that the RTTY QRMs WWCR after 0100 when i's on 6115 until 0200. But WWCR is so blasting here that it would not be a problem in the unlikely event 1 ever wanted to listen to it. Still, RTTY, by the USG no less, has no biz inside the exclusive 49m SWBC band (Glenn Hauser, OK, WOR)</li> <li>Mar4 0712 R. Nikkei 2. Pop songs (Rod Stewart - "Da Ya Think I'm Sexy?," Genesis - "Invisible Touch," etc.); ID "Radio Nikkei" (no longer with R-N-2 IDs?); very good reception in USB; poor with RTTY QRM in LSB. (Ron Howard, Asilomar State Beach, Calif.)</li> <li>Radio Europa 24, Datteln, German, brief news, id in English 'This is Europa Twenty-four"; id. in German 'Europa Vierundzwanzig", songs, olids: (Méndez)</li> <li>Mar5 1500 Shortwave Radio, Winsen, Germany, songs at 15.25 id in Italian, fair 7160 (Bernardini)</li> <li>Voice of Korea, Kujang North Korea, Gorman px, fair (over SWR) (Bernardini)</li> <li>Kadio Jong Europe, Alphen aan den Rijn, songs fw ids, weak (no 6125) (Bernardini)</li> <li>Kadio Jong Europe, Alphen aan den Rijn, songs in English. (Méndez)</li> <li>Swrk, original or relay? not audible on official SW frequencies, fair (Bernardini)</li> <li>Radio Elvacción, Ciudad de México, Mexican songs, classical music. (Méndez)</li> <li>Swrk, original or relay? not audible on official SW frequencies, fair (Ron Howard, Asilomar State Beach, Calif.)</li> <li>Radio Fiepzender, Zwolle (presumed), rock songs in English. (Méndez)</li> <li>Sound of Hope cland.), Hwaseong. Kor to KRE, tk</li></ul>				
<ul> <li>Europe, Radio Mi Amigo International, bringing back the golden era of AM offshore radio", pop songs, oldies. (Méndez)</li> <li>Voice of Amhara State, Addis Ababa, Vernacular comments. (Méndez)</li> <li>Feb28 0715 RTTY INTRUDER believed to be US Navy, is back. Not strong and altho abutting 6115 Nikkei Japan, USB tuning on 6115 escapes it. Lou Johnson. Georgia, keeps complaining that the RTTY QRMs WWCR affect 0100 when it's on 6115 until 0200. But WWCR is so blasting here that it would not be a problem in the unlikely event I ever wanted to listen to it. Still, RTTY, by the USG no less, has no biz inside the exclusive 49m SWBC band (Glenn Hauser, OK, WOR)</li> <li>Mar4 0712 R. Nikkei 2. Pop songs (Rod Stewart - "Da Ya Think I'm Sexy?," Genesis - "Invisible Touch," etc.); ID "Radio Nikkei" (no longer with R-N-2 IDs?); very good reception in USB; poor with RTTY QRM in LSB. (Ron Howard, Asilomar State Beach, Calif.)</li> <li>Mar5 1310 Radio Europa 24, Datteln, German, brief news, id in English "This is Europa Twenty-four", id. in German "Europa Vierundzwanzig", songs, oldies. (Méndez)</li> <li>Shortwave Radio, Winsen, Germany, songs at 15.25 id in Italian, fair 7160 (Bernardini)</li> <li>Voice of Korea, Kujang North Korea, German px, fair (over SWR) (Bernardini)</li> <li>Radio Educación, Ciudad de México, Mexican songs, classical music. (Méndez)</li> <li>Shortwave Radio, Winger, Johle on Songs in English, (Méndez)</li> <li>Soud of Hope. Clear IDs; "Xiwang zhi sheng guoj guangbo diantai" (Sound of Hope international broadcast station), given twice; // 6230 // 6280; all fair. (Ron Howard, Asilomar State Beach, Calif.)</li> <li>Radio Educación, Ciudad de México, Mexican songs, classical music. (Méndez)</li> <li>Sound of Hope. Clear IDs; "Xiwang zhi sheng guoj guangbo diantai" (Sound of Hope international broadcast station), given twice; // 6230 // 6280; all fair. (Ron Howard, Asilomar State Beach, Calif.)</li> <li>Radio Educación, Ciudad de México, Mexican so</li></ul>				
<ul> <li>dio", pop songs, oldies. (Méndez)</li> <li>Voice of Amhara State, Addis Ababa, Vernacular comments. (Méndez)</li> <li>RTTY INTRUDER believed to be US Navy, is back. Not strong and altho abutting 6115</li> <li>Nikkei Japan, USB tuning on 6115 escapes it. Lou Johnson, Georgia, keeps complaining that the RTTY QRMs WWCR after 0100 when it's on 6115 until 0200. But WWCR is so blasting here that it would not be a problem in the unlikely event I ever wanted to listen to it. Still, RTTY, by the USG no less, has no biz inside the exclusive 49m SWBC band (Glenn Hauser, OK, WOR)</li> <li>Mar4 0712 R. Nikkei 2. Pop songs (Rod Stewart - "Da Ya Think I'm Sexy?," Genesis - "Invisible Touch," etc.); ID "Radio Nikkei" (no longer with R-N-2 IDS?); very good reception in USB; poor with RTY QRM in LSB. (Ron Howard, Asilomar State Beach, Calif.)</li> <li>Mar5 1310 Radio Onda, Borculo The Netherlands, songs no stop with some ids, fair fading, good at 1530 (Bernardini)</li> <li>Radio Europa 24, Datteln, German, brief news, id in English "This is Europa Twenty-four", id. in German "Europa Vierundzwanzig", songs, oldies. (Méndez)</li> <li>Shortwave Radio, Winsen, Germany, songs at 15.25 id in Italian, fair 7160 (Bernardini)</li> <li>Voice of Korea, Kujang North Korea, German py, fair (over SWR) (Bernardini)</li> <li>Kadio Educación, Ciudad de México, Mexican songs, classical music. (Méndez)</li> <li>Sound of Hope. Clear IDs; "Xiwang zhi sheng guoji guangbo diantai" (Sound of Hope international broadcast station), given twice; If 6230 /i 6230; Jair (GS)</li> <li>Feb19 1516 Recho Of Hope (cland.), Hwaseong. Kor to KRE, tks. 35343 (CGS)</li> <li>Gout Mar4 233</li> <li>Sound Of Hope (cland.), Hwaseong. Kor to KRE, tks. J35431 (CG)</li> <li>Cadio Hare Cland, Hawasong. Kor to KRE, tks. Jammed. 23431 (CG)</li> <li>Gaut 2233</li> <li>Sound Of Hope (cland.), Hwaseong. Kor to KRE, tks. 35343 (CG5)</li> <li>Cadio Hare 2337</li> <li>Recho Of Hope (cland.), Hwaseon</li></ul>	0000	1.1.1.1	0,07	
<ul> <li>Marl 0451 Voice of Ambara State, Addis Ababa, Vernacular comments. (Méndez)</li> <li>Feb28 0715 RTTY INTRUDER believed to be US Navy, is back. Not strong and altho abutting 6115 Nikkei Japan, USB tuning on 6115 escapes it. Lou Johnson, Georgia, keeps complaining that the RTTY QRMs WWCR after 0100 when it's on 6115 until 0200. But WWCR is so blasting here that it would not be a problem in the unlikely event I ever wanted to listen to it. Still, RTTY, by the USG no less, has no biz inside the exclusive 49m SWBC band (Glenn Hauser, OK, WOR)</li> <li>Mar4 0712 R. Nikkei 2. Pop songs (Rod Stewart - "Da Ya Think I'm Sexy?," Genesis - "Invisible Touch," etc.); ID "Radio Nikkei" (no longer with R-N-2 IDS?); very good reception in USB; poor with RTTY QRM in LSB. (Ron Howard, Asilomar State Beach, Calif.)</li> <li>Radio Onda, Borculo The Netherlands, songs no stop with some ids, fair fading, good at 1530 (Bernardini)</li> <li>Mar5 1310 Radio Nikkei" (no longer with R-N-2 IDS?); very good reception in USB; poor with RTTY QRM in LSB. (Ron Howard, Asilomar State Beach, Calif.)</li> <li>Radio Europa 24, Datteln, German, brief news, id in English "This is Europa Twenty-four", id. in German "Europa Vierundzwanzig", songs, oldies. (Méndez)</li> <li>Mar5 1430 Radio Ding Europe, Alphen aan den Rijn, songs few ids, weak (no 6125) (Bernardini)</li> <li>Radio Educación, Ciudad de México, Mexican songs, classical music. (Méndez)</li> <li>Radio Educación, Ciudad de México, Mexican songs, classical music. (Méndez)</li> <li>Radio Educación, Ciudad de México, Mexican songs, classical music. (Méndez)</li> <li>Sontwave Radio, Jiwaen Gerta Dis, "Xiwang zhi sheng guoji guangbo dianta" (Sound of Hope international broadcast station), given twice; // 6230 // 6280; all fair. (Ron Howard, Asilomar State Beach, Calif.)</li> <li>Sound of Hope Cleand.), Hwaseong. Kor to KRE, tks. 35343 (CGS)</li> <li>Feb21 1516 R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks. 35343 (CGS)</li> <li>C</li></ul>				
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<ul> <li>that the RTTY QRMs WWCR after 0100 when it's on 6115 until 0200. But WWCR is so blasting here that it would not be a problem in the unlikely event 1 ever wanted to listen to it. Still, RTTY, by the USG no less, has no biz inside the exclusive 49m SWBC band (Glenn Hauser, OK, WOR)</li> <li>Mar4 0712 R. Nikkei 2. Pop songs (Rod Stewart - "Da Ya Think I'm Sexy?," Genesis - "Invisible Touch," etc.); ID "Radio Nikkei" (no longer with R-N-2 IDs?); very good reception in USB; poor with RTTY QRM in LSB. (Ron Howard, Asilomar State Beach, Calif.)</li> <li>Mar5 1310 Radio Onda, Borculo The Netherlands, songs no stop with some ids, fair fading, good at 1530 (Bernardini)</li> <li>Mar1 "0800 Radio Europa 24, Datteln, German, brief news, id in English "This is Europa Twenty-four", id. in German "Europa Vierundzwanzig", songs, oldies. (Mendez)</li> <li>Shortwave Radio, Winsen, Germany, songs at 15.25 (id in Italian, fair 7160 (Bernardini)</li> <li>Mar5 1500 Voice of Korea, Kujang North Korea, Germany x, fair (over SWR) (Bernardini)</li> <li>Kadio Jong Europe, Alphen aan den Rijn, songs few ids, weak (no 6125) (Bernardini)</li> <li>Radio Educación, Ciudad de México, Mexican songs, classical music. (Méndez)</li> <li>SWR, original or relay? not audible on official SW frequencies, fair (Bernardini)</li> <li>Sound of Hope. Clear IDs; "Xiwang zhi sheng guoji guangbo diantai" (Sound of Hope international broadcast station), given twice; // 6230 // 6280; all fair. (Ron Howard, Asilomar State Beach, Calif.)</li> <li>R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks. 35343 (CGS)</li> <li>Gotto Giston again tested today the 6300 quiz via the Maui KSDR at S7 which gives the best reception among W Ireland kSDR (S3) and Upper Hutt in NZ (S7/5). Sermon was live on 80852 tune in, continued till 0821 Talks started immediately and passed the 0850 when I stopped listening. Tarek Zeidan advised me that the language of audio files noted in my previous message are in Gulf Arabic. Checked al</li></ul>	6114	Feb28	0715	RTTY INTRUDER believed to be US Navy, is back. Not strong and altho abutting 6115
<ul> <li>blasting here that it would not be a problem in the unlikely event I ever wanted to listen to it. Still, RTTY, by the USG no less, has no biz inside the exclusive 49m SWBC band (Glenn Hauser, OK, WOR)</li> <li>6115 Mar4 0712 R. Nikkei 2. Pop songs (Rod Stewart - "Da Ya Think I'm Sexy?," Genesis - "Invisible Touch," etc.); ID "Radio Nikkei" (no longer with R-N-2 IDs?); very good reception in USB; poor with RTTY QRM in LSB. (Ron Howard, Asilomar State Beach, Calif.)</li> <li>6140 Mar5 1310 Radio Onda, Borculo The Netherlands, songs no stop with some ids, fair fading, good at 1530 (Bernardini)</li> <li>6150 Mar1 *0800 Radio Europa 24, Datteln, German, brief news, id in English "This is Europa Twentyfour", id. in German "Europa Vierundzwanzig", songs, oldies. (Méndez)</li> <li>6160 Mar5 1500 Shortwave Radio, Winsen, Germany, songs at 15.25 id in Italian, fair 7160 (Bernardini)</li> <li>6170 Mar5 1900 Voice of Korea, Kujang North Korea, German px, fair (over SWR) (Bernardini)</li> <li>6185 Feb19 *1917 Radio Diepzender, Zwolle (presumed), rock songs in English. (Méndez)</li> <li>6185 Mar1 0501 Radio Educación, Ciudad de México, Mexican songs, classical music. (Méndez)</li> <li>6205 Mar5 1725 SWR, original or relay? not audible on official SW frequencies, fair (Bernardini)</li> <li>6214.92 Feb27 1200 Sound of Hope. Clear IDs; "Xiwang zhi sheng guoji guangbo diantai" (Sound of Hope international broadcast station), given twice; // 6230 // 6280; all fair. (Ron Howard, Asilomar State Beach, Calif.)</li> <li>6300 Feb20 0805 Once again tested today the 6300 quiz via the Maui kSDR at S7 which gives the best reception anong W Ireland kSDR (S3) and Upper Hut in NZ (S7/5). Sermon was live on 0805z tune in, continued iil 0821 Talks started immediately and passed the 0850 when I stopped listening. Tarek Zeidan advised me that the language of andio files noted in my previous message are in Gulf Arabic. Checked also on kuwait kSDRs for no signal Bandung SDR (Liangas)</li></ul>				Nikkei Japan, USB tuning on 6115 escapes it. Lou Johnson, Georgia, keeps complaining
<ul> <li>it. Still, RTTY, by the USG no less, has no biz inside the exclusive 49m SWBC band (Glenn Hauser, OK, WOR)</li> <li>6115 Mar4 0712 R. Nikkei 2. Pop songs (Rod Stewart - "Da Ya Think I'm Sexy?," Genesis - "Invisible Touch," etc.); ID "Radio Nikkei" (no longer with R-N-2 IDs?); very good reception in USB; poor with RTTY QRM in LSB. (Ron Howard, Asilomar State Beach, Calif.)</li> <li>6140 Mar5 1310 Radio Onda, Borculo The Netherlands, songs no stop with some ids, fair fading, good at 1530 (Bernardini)</li> <li>6150 Mar1 *0800- Radio Europa 24, Datteln, German, brief news, id in English "This is Europa Twenty- four", id. in German "Europa Vierundzwanzig", songs, oldies. (Méndez)</li> <li>6160 Mar5 1500 Shortwave Radio, Winsen, Germany, songs at 15.25 id in Italian, fair 7160 (Bernardini)</li> <li>6170 Mar5 1900 Voice of Korea, Kujang North Korea, German px, fair (over SWR) (Bernardini)</li> <li>6175 Mar5 1430 Radio Jong Europe, Alphen aan den Rijn, songs few ids, weak (no 6125) (Bernardini)</li> <li>6185 Feb19 *1917- Radio Jong Europe, Alphen aan den Rijn, songs few ids, weak (no 6125) (Bernardini)</li> <li>6185 Mar1 0501 Radio Educación, Ciudad de México, Mexican songs, classical music. (Méndez)</li> <li>6205 Mar5 1725 SWR, original or relay? not audible on official SW frequencies, fair (Bernardini)</li> <li>6214.92 Feb27 1200 Sound of Hope. (clant.), Hwaseong. Kor to KRE, tks. 35343 (CGS)</li> <li>6250 Feb21 2220 R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks. 35343 (CGS)</li> <li>6300 Feb26 0805 Once again tested today the 6300 quiz via the Maui kSDR at S7 which gives the best reception among W Ireland kSDR (S3) and Upper Hut in NZ (S7/5). Sermon was live on 0805z tune in, continued till 0821 Talks started immediately and passed the 0850 when I stopped listening. Tarek Zeidan advised me that the language of audio files noted in my previous message are in Gulf Arabic. Checked also on kuwait kSDRs for no signal Bandung SDR (Liangas)</li> <li>6</li></ul>				
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<ul> <li>USB; poor with RTTY QRM in LSB. (Ron Howard, Asilomar State Beach, Calif.)</li> <li>Radio Onda, Borculo The Netherlands, songs no stop with some ids, fair fading, good at 1530 (Bernardini)</li> <li>Mar1 *0800</li> <li>Radio Europa 24, Datteln, German, brief news, id in English "This is Europa Twenty-four", id. in German "Europa Vierundzwanzig", songs, oldies. (Méndez)</li> <li>Mar5 1900</li> <li>Voice of Korea, Kujang North Korea, Germany, songs at 15.25 id in Italian, fair 7160 (Bernardini)</li> <li>Mar5 1900</li> <li>Voice of Korea, Kujang North Korea, German px, fair (over SWR) (Bernardini)</li> <li>Radio Jong Europe, Alphen aan den Rijn, songs few ids, weak (no 6125) (Bernardini)</li> <li>Radio Flepzender, Zwolle (presumed), rock songs in English. (Méndez)</li> <li>Radio Educación, Ciudad de México, Mexican songs, classical music. (Méndez)</li> <li>Mar5 1725</li> <li>SWR, original or relay? not audible on official SW frequencies, fair (Bernardini)</li> <li>6114.92</li> <li>Feb27</li> <li>Feb27</li> <li>Sound of Hope. Clear IDs; "Xiwang zhi sheng guoji guangbo diantai" (Sound of Hope international broadcast station), given twice; // 6230 // 6280; all fair. (Ron Howard, Asilomar State Beach, Calif.)</li> <li>6250</li> <li>Feb21</li> <li>R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks. 35343 (CGS)</li> <li>6300</li> <li>Feb26</li> <li>0805</li> <li>Once again tested today the 6300 quiz via the Maui kSDR at S7 which gives the best reception among W Ireland kSDR (S3) and Upper Hutt in NZ (S7/5). Sermon was live on 0805z tune in, continued till 0821 Talks started immediately and passed the 0850 when I stopped listening. Tarek Zeidan advised me that the language of audio files noted in my previous message are in Gulf Arabic. Checked also on kuwait kSDRs for no signal Bandung SDR (Liangas)</li> <li>6300U</li> <li>Mar4</li> <li>0805</li> <li>Unid. The consistent daily reciting from the Qur'a</li></ul>	0115	Mar4	0/12	
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<ul> <li>6175 Mar5 1430</li> <li>6185 Feb19 *1917-</li> <li>6185 Mar1 0501</li> <li>6205 Mar5 1725</li> <li>6207 Feb27 1200</li> <li>6214.92 Feb27 1200</li> <li>6208 Feb20 Sound of Hope. Clear IDs; "Xiwang zhi sheng guoji guangbo diantai" (Sound of Hope international broadcast station), given twice; // 6230 // 6280; all fair. (Ron Howard, Asilomar State Beach, Calif.)</li> <li>625 Feb21 2220</li> <li>625 Feb21 2220</li> <li>6300 Feb26 0805</li> <li>6300 Feb26 0805</li> <li>6300 Once again tested today the 6300 quiz via the Maui kSDR at S7 which gives the best reception among W Ireland kSDR (S3) and Upper Hutt in NZ (S7/5). Sermon was live on 0805z tune in, continued till 0821 Talks started immediately and passed the 0850 when I stopped listening. Tarek Zeidan advised me that the language of audio files noted in my previous message are in Gulf Arabic. Checked also on kuwait kSDRs for no signal Bandung SDR (Liangas)</li> <li>6300 Mar4 0805</li> <li>6300 Mar1 2233</li> <li>6300 Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 25341 (CG)</li> <li>6355.1 Feb21 2225</li> <li>6370.1 Mar4 2216</li> </ul>	6160	Mar5	1500	Shortwave Radio, Winsen, Germany, songs at 15.25 id in Italian, fair 7160 (Bernardini)
<ul> <li>6185 Feb19 *1917- Radio Piepzender, Zwolle (presumed), rock songs in English. (Méndez)</li> <li>6185 Mar1 0501 Radio Educación, Ciudad de México, Mexican songs, classical music. (Méndez)</li> <li>6205 Mar5 1725 SWR, original or relay? not audible on official SW frequencies, fair (Bernardini)</li> <li>6214.92 Feb27 1200 Sound of Hope. Clear IDs; "Xiwang zhi sheng guoji guangbo diantai" (Sound of Hope international broadcast station), given twice; // 6230 // 6280; all fair. (Ron Howard, Asilomar State Beach, Calif.)</li> <li>6250 Feb21 2220 R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks. 35343 (CGS)</li> <li>6255 Feb19 1516 R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks, mx. 25431 (CGS)</li> <li>6300 Feb26 0805 Once again tested today the 6300 quiz via the Maui kSDR at S7 which gives the best reception among W Ireland kSDR (S3) and Upper Hutt in NZ (S7/5). Sermon was live on 0805z tune in, continued till 0821 Talks started immediately and passed the 0850 when I stopped listening. Tarek Zeidan advised me that the language of audio files noted in my previous message are in Gulf Arabic. Checked also on kuwait kSDRs for no signal Bandung SDR (Liangas)</li> <li>6300U Mar4 0805 Unid. The consistent daily reciting from the Qur'an. (Ron Howard, Calif.)</li> <li>6340.2 Mar2 2233 Sound Of Hope (cland.), Hwaseong. Kor to KRE, tks. Jammed. 23431 (CG)</li> <li>6350 Mar1 2237 R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks. Jammed. 23431 (CG)</li> <li>6370.1 Mar4 2216 Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 25342 (CG)</li> </ul>	6170	Mar5	1900	Voice of Korea, Kujang North Korea, German px, fair (over SWR) (Bernardini)
6185Mar10501Radio Educación, Ciudad de México, Mexican songs, classical music. (Méndez)6205Mar51725SWR, original or relay? not audible on official SW frequencies, fair (Bernardini)6214.92Feb271200Sound of Hope. Clear IDs; "Xiwang zhi sheng guoji guangbo diantai" (Sound of Hope in- ternational broadcast station), given twice; // 6230 // 6280; all fair. (Ron Howard, Asilomar State Beach, Calif.)6250Feb212220R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks. 35343 (CGS)6255Feb191516R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks. mx. 25431 (CGS)6300Feb260805Once again tested today the 6300 quiz via the Maui kSDR at S7 which gives the best re- ception among W Ireland kSDR (S3) and Upper Hutt in NZ (S7/5). Sermon was live on 0805z tune in, continued till 0821 Talks started immediately and passed the 0850 when I stopped listening. Tarek Zeidan advised me that the language of audio files noted in my previous message are in Gulf Arabic. Checked also on kuwait kSDRs for no signal Ban- dung SDR (Liangas)6300UMar40805Unid. The consistent daily reciting from the Qur'an. (Ron Howard, Calif.)6340.2Mar22233Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 25341 (CG)6355.1Feb212225R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks. Jammed. 23431 (CG)6370.1Mar42216Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 25342 (CG)				
<ul> <li>Mar5 1725</li> <li>6214.92</li> <li>Feb27 1200</li> <li>SWR, original or relay? not audible on official SW frequencies, fair (Bernardini)</li> <li>Sound of Hope. Clear IDs; "Xiwang zhi sheng guoji guangbo diantai" (Sound of Hope international broadcast station), given twice; // 6230 // 6280; all fair. (Ron Howard, Asilomar State Beach, Calif.)</li> <li>6250</li> <li>Feb21 2220</li> <li>R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks. 35343 (CGS)</li> <li>6255</li> <li>Feb19 1516</li> <li>R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks. mx. 25431 (CGS)</li> <li>6300</li> <li>Feb26 0805</li> <li>Once again tested today the 6300 quiz via the Maui kSDR at S7 which gives the best reception among W Ireland kSDR (S3) and Upper Hutt in NZ (S7/5). Sermon was live on 0805z tune in, continued till 0821 Talks started immediately and passed the 0850 when I stopped listening. Tarek Zeidan advised me that the language of audio files noted in my previous message are in Gulf Arabic. Checked also on kuwait kSDRs for no signal Bandung SDR (Liangas)</li> <li>6300U</li> <li>Mar4</li> <li>0805</li> <li>Unid. The consistent daily reciting from the Qur'an. (Ron Howard, Calif.)</li> <li>6340.2</li> <li>Mar2</li> <li>2237</li> <li>R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks. Jammed. 23431 (CG)</li> <li>6350. Mar1</li> <li>2237</li> <li>R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks. Jammed. 23431 (CG)</li> <li>6370.1</li> <li>Mar4</li> <li>2216</li> <li>Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 25342 (CG)</li> </ul>				
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0520 IVIAr2 2255 VOICE OF The People (cland.), Goyang. Kor to KRE, tks. Jammed. 23341 (CG)				
	0320	wiar2	2233	voice Or The People (cland.), Goyang. Kor to KKE, tks. Jammed. 23341 (UG)

6600	Mor	2227	Voice Of The Beenle (cland) Coverg Kor to KDE the Lammed 22241 (CC)
6600 7050	Mar2 Mar4	2237 1634	Voice Of The People (cland.), Goyang. Kor to KRE, tks. Jammed. 23341 (CG) Folk Eastern Europe mx songs jamming (?) other talking tx, weaker (Bernardini)
7030	Mar <sup>4</sup>	-1500*	Radio Ethiopia (Home Service). Some HOA music & jazz sounding music; ID/three
/110	Ivial 2	-1300*	gongs/ID; cut off just at the start of the news; fair. My local sunrise was at 1436 UT, with
			Addis Ababa sunset at 1535 UT. My audio at https://bit.ly/3hyqUNS . (Ron Howard,
7140	Feb23	-1836*	Asilomar State Beach, Calif.) Voice Of The Broad Masses, Selai Dairo. Vn, tks, n. anthem. 25342 (CGS)
7254.9	Mar1	0705	Voice of Nigeria, Abuja Lugbe, Vernacular, comments, African songs. (Méndez)
7254.9	Feb20	0703	7355 & 6030 & 5980, wall-of-noise jamming, and slightly lighter pulse jamming on 7375,
1555	Fe020	0725	7435, all Radio Martí frequencies which are OFF the air at this hour. Something's always
			wrong at the incompetent DentroCuban Jamming Command. Think how many un-
			dernourished Cubans could have been fed nutritious meals for the juicy cost of all this
			pointless noise! (Glenn Hauser, OK, WOR)
7380	Feb28	0234	S9/+10 of dead air - or is it just barely modulated. Per Aoki and EiBi, can only be VIRI in
1200	10020	0201	Arabic via Zahedan at 0230-0530. HFCC shows 500 kW at 289 degrees for CIRAFs 38 &
			39 = Arabia to Turkey, Egypt, Libya (Glenn Hauser, OK, WOR)
7385	Feb19	1600	PSB Xizang, Lhasa, English, program "Holy Tibet", news, comments, songs. (Méndez)
7505	Mar4	0652	WRNO. Back on the air after a short absence; a recording of the late pastor Ray Bentley
			preaching; 0834, start of segment in Arabic; good reception. (Ron Howard, Asilomar State
			Beach, Calif.)
7730.1	Mar2	2239	Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 25341 (CG)
9095	Mar1	2235	R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks. Adj. uty. QRM. 34443 (CG)
9105	Feb19	1802	R.Echo Of Hope (cland.), Hwaseong. Kor to KRE, tks, classical mx. 25432 (CGS)
9230	Mar3	2331	Sound Of Hope R Int'l (p), unk. site. Tks, seemingly in Mand. 15341 (CG)
9280.1	Mar2	2241	Sound Of Hope R Int'l, unk. site. Mand to CHN, tks. 25341 (CG)
9420	Feb22	2314	VOG is back on after missing a few days, making us fear it's gone for good. S9+10/15
			with music into UTwente, but lower modulation level than Türkiye 5960. It was first re-
			ported reactivated today at 1945 by Richard Langley, NB (Glenn Hauser, OK, WOR)
9420	Mar4	1840	Voice of Greece, Avlis, songs Greek, very good (Bernardini)
9440	Feb21	1510	Radio Cairo with identification in Albanian. Extremely poor audio quality making un-
0550	E-1-20	2020	derstanding of the programme contents impossible. 3 (CB)
9550 0550 1	Feb28	2028	Radio Boa Vontade, Porto Alegre, religious comments, (Méndez)
9550.1	Feb25	2202	R.Boa Vontade. Natl. nx magazine A Voz do Brasil. // 11895.138 running an empty carrier. 25432 (CGS)
9610	Mar4	1700	Voice of Oromo Liberation, Nauen Germany, reports, Oromo, good (Bernardini)
9635	Feb26	1128	R.Mali, Kati. F, tks, tradit. songs, VHF-FM fqs. anns. 35343 (CGS)
9635	Mar4	1655	Radio Mali, African songs, short talks, ids Vn, fair (Bernardini)
9666.6	Feb28	2037	Voz Missionaria, Camboriú, id. "Voz Missionaria", religious songs. (Méndez)
9666.728			R Voz Missionária back on tonight, S9-S6 but usual VG modulation with songs that sound
,			more secular than sacred without being able to follow the lyrix. Very slow upward drifting
			trend continues. Last time I measured it was Feb 1 on 9666.561, or plus 6.68 Hz per diem
			on average, but it has not been steady (Glenn Hauser, OK, WOR)
9666.8	Mar3	2335	R.Voz Missionária, Camboriú SC. Rlgs. propag. // 5938.764. 35432 (CG)
9700	Feb26	0735	RHC English still on here at S9+30 but no others. Even 5040 is off by 0742 leaving a JBA
			carrier, presumably Vanuatu. Something's always wrong with RHC (Glenn Hauser, OK,
			WOR)
9705	Mar4	1707	Radio Vaticana, Santa Maria di Galeria, Vatican, French reports, fair good (Bernardini)
9720	Mar4	1713	Dimtse Radio Erena, Sofia-Kostinbrod Bulgaria, Tigrinya talks, good (Bernardini)
9819.1	Feb28	2033	Radio 9 de Julho, Sao Paulo, religious songs and comments. (Méndez)
9835	Feb23	0932	Sarawak FM. The Beatles - "Hey Jude"; DJ in vernacular. Brief audio attached. (Ron Ho-
0925	E-1-26	1025	ward, Asilomar State Beach, Calif.)
9835	Feb26	1025	Sarawak FM via RTM, Kajang. Songs, tks, Koranic songs & propag Deteriorating.
9899.608-	Eab 29	2112	35433 (CGS) B. Coire is S0 20 into UTwents with extremely distorted music. Something's always
9899.0084	- re028	2112	R. Cairo is S9+30 into UTwente with extremely distorted music. Something`s always egregious in Egypt. 9899.608v wavering slightly plus and minus by hundredths of Hertz,
			March 1 at *2114.5, carrier on from R. Cairo after nothing at 2111 when there were 2390
			users at UTwente; 2115 timesignal is loud and clear, but then talk and music at S9+40 is
			suptorted; still totally unusable (Glenn Hauser, OK, WOR)
11640	Mar5	1620	Radio Dabanga, Sofia, Arabic talks about Sudan, many ids, very good (Bernardini)
11660	Mar5	1630	TWR, Manzini Swaziland, African language talks & songs HoA style, good (Bernardini)
11665	Feb23	0941	Wai FM. Heard with the long standing very poor audio; seemed over modulated with echo
			and crackling audio. (Ron Howard, Asilomar State Beach, Calif.)

11665	Feb23	0924	RTM-S is heard with great SNR at 35+ for the Wai 11665 (S10/4 with 30 db fades) and up tp 40 for 9835 (9/3 with 20 db fades). airing a Hindi song that time and Gelora of P Ram- lee (the national singer of Msia) on 0927 then with carnival songs together with female
			speakers talks and on 0945 with Uji's hari raya song (for Ramadan) and Broery as next.
11600	Man4	1002	Bandung SDR (Liangas) DNZ DDM tort or her "New Zealand News DNZ Decific" S8 but no ordin (Demondiai)
11690 11690	Mar4 Mar4	1903 1850	RNZ DRM text only: "New Zealand, News, RNZ Pacific", S8 but no audio (Bernardini) Radio ERISAT, Talata Volonondry Madagascar, Tigrinya, HoA music, good End BC 1900
11090	Ivial4	1650	(Bernardini)
11720	Mar5	1625	Scandinavian Weekend Radio, Virrat, 1625, Mar05, Finnish, male, female, comments, pop
11720	Widi 5	1025	and rock songs in English, id. "Scandinavian Weekend Radio. //6205. (Méndez)
11725	Feb24	-1258*	R.NZPacific, Rangitaiki. E, songs, IS. 35433 (CGS)
11725	Mar5	1000	Radio New Zealand, reports, talks, songs EE, weak (fair after 11.00) (Bernardini)
11735	Mar5	1638	NHK Radio Japan, Yamata Japan, Japanese talks, good (Bernardini)
11750	Mar5	1643	SLBC City FM, Trincomalee Sri Lanka, talks, FM id, songs Sinhalese, very good
11780	Feb28	1955	Radio Nacional da Amazonia, Brasilia, id. "Aqui na Radio Nacional o carnaval", "Radio
			Nacional, sua melhor companhia", "Radio Nacional de Amazonia, transmitiendo en ondas
			curtas, 25 metros, 11780 kHz, 49 metros, 6180 kHz", Brazilian songs, comments, "A
11015	E-1-29	2005	segunda-feira de carnaval". (Méndez)
11815	Feb28	2005	Radio Brasil Central, Goiania, special Carnival program, id. "Brasil Central Goiania, 5 ho- ras 5 minutos", Brazilian songs, "A su Brasil Central", "Brasil Sertanejo", "Programación
			especial de carnaval". (Méndez)
11815	Feb26	1027	R.Brasil Central, Goiânia GO. Infos, songs. Deteriorating. 25432 (CGS)
11850	Feb28	0229	RHC Spanish is S9+20 but JBM and suptorted; also with parasitic spur carriers on 11840
		**	& 11860, the upper one QRMing jamming against nothing (else except maybe Yemen
			[non]). Meanwhile, 11760 is S9+20 distorted, 11670 S9+10 undermodulated. Somethings`
			always wrong at RHC. In the NASWA Flashsheet, Jerry Lenamon in Waco puts it thus
			about 15730 QRMing 15720 NZ: ``Only a handful of frequencies in use with over a hund-
			red to choose from but the Cubans have to infringe. I think the Cubans would be much bet-
			ter off if they retired half of their transmitters in order to devote their obviously inadequate
			budget to the remaining equipment. I've heard it said that the Cuban government pretends
			to pay their workers and the workers pretend to work. Perhaps their equipment problems are a result of this`` (Glenn Hauser, OK, WOR)
11895.1	Feb25	2152	R.Boa Vontade. Empty carrier. // 9550.092. 25432 (CGS)
11905	Mar5	1100	Reach Beyond Australia, Kununurra Australia, Japanese program, fair
15110	Mar5	0941	Radio Kuwait DRM, Arabic talks label: "Audio DRM_radio_kuwait", good (Bernardini)
15190	Feb19	1928	Radio Inconfidencia, Belo Horizonte, comments, Brazilian songs, advertisements, id.
			"Rede Inconfidencia de Radio", program "Polifonia", "Você esta ouvindo Polifonia, pela
			Radio Inconfidencia". (Méndez)
15190.1	Feb19	1815	R.Inconfidência, Belo Horizonte MG. Songs. 25432 (CGS)
15285	Feb26	0650	Saudi Radio Intl. with <b>talks In Indonesian</b> instead of Swahii as noticed per eibi. Tune in
15220	Mor 5	1115	again 0654 with Arabic song then sudden sign off 0655 Bandung SDR (Liangas)
15330 15500	Mar5 Mar5	1115 1120	FEBC Manila, Bocaue Philippines, Asian lang (reported as Mon), fair (Bernardini) AWR Station KSDA, Agat Guam, Indonesian, talks and songs, fair (Bernardini)
15530.04	Feb24	1539	off-frequency in unknown language. KSDA scheduled this semihour only on Thu & Fri
15550.01	10021	1557	only in Bod dialect of Tibetan, other days English (Glenn Hauser, OK, WOR)
15475.98	Mar5	1520	RCUSB LRA36 is on, S1/S2 into Campo, Brasil, SDR, slightly better than into Brasília #2,
			during Antártida themesong; 1521 LRA36 ID, `El Lejano Sur`, also FM 96.7; hi & lo
			temps: -2 and +6 C, not bad. 1524 surges to S3/S5, talk about a rare Catholic chapel in
			Antarctica, at Esperanza? 1530 ``Nacional Antártida Argentina, en todo el país, la radio
			pública``, songs. 1542 another talk segment, off at 1545*. Sam Sánchez, Órygun was also
			hearing it remotedly as early as 1413. We've been checking for it only on Weds & Sats per
			normal behaviour, altho it could be otherdays for special occasions; and had been no-show
			on Feb 19, 26 and March 2 but heard on Feb 23. It's about time for the new all-female crewe of four to take over as publicized last year (Glenn Hauser, OK, WOR)
15610	Mar5	1208	Station KSDA, Agat Guam, Asian language, (reported as Mon), good (Bernardini)
15665	Feb24	1538	VP S5/S6 talk, intonation sorta Germanic? KSDA registered at 1530-1600 only, due west
			in Kan language = Kannada for S Asia (Glenn Hauser, OK, WOR)
15770	Mar5	-1200*	Radio Igloo, via WRMI USA, English, radio DXing talks & songs, good (Bernardini)
15825	Mar5	1203	WWCR 1 Nashville, TN USA, Religious program, English, fair good (Bernardini)
21470	Mar5	1400	BBC St. Maria Galeria Vatican, Somali service, fair good (Bernardini)
25800	Mar1	1140	World Music Radio, Marlest, pop and Latin American songs, id. "World Music Radio,
			WMR". (Méndez)

## **Pirate stations**

3940	Feb19	1817	R.Free Waves Bay - pir. Ru, songs, tks. 35342 (CGS)
3940	Feb20	0531	Pirate Radio Free Waves Bay pop songs and Russian comments. (Méndez)
4870	Feb28	2206	Mystery R 21 - pir. Pops. Back on 4870 again. 35443 (CG)
4875	Feb24	1910	Mystery R 21 - pir. Pops. 35443 (CGS)
5013	Feb19	1813	R.Deltracks (p) - pir. Pops. 25331 (CGS)
5016	Mar4	2211	R.Deltracks (p) - pir. Pops. 25341 (CG)
5018	Mar3	2329	R.Deltracks (p) - pir. Pops. 35443 (CG)
5140	Mar4	2214	Charleston R Int'l pir. Oldies. 35332 (CG)
5140	Mar5	1540	Charleston Radio Int. Pirate, usual old songs, very well (Bernardini)
5780	Feb27	2248	R.Harmony - pir. Oldies. Splendid signal. 45444 (CG)
5835	Mar4	1730	Radio Europe, Ukraine, pirate, songs no stop, weak fair fading (Bernardini)
5835.2	Feb24	1917	R.Evropa - pir. Songs. Adj. QRM. ID via DX press. 23441 (CGS)
6205	Mar5	1625	Pirate relaying Scandinavian Weekend Radio, Finnish, comments, pop and rock songs, ol-
			dies, id. "Scandinavian Weekend Radio", some comments in English. (Méndez)
6285	Mar3	1912	R.Cuckoo - pir. E, pop oldies, tks. 35433 (CG)
6295	Feb20	1737	Reflections Europe - pir. E, rlgs.propag. px. Extrem. poor on // 12255. 35443 (CGS)
6325	Feb27	-1715*	R.Monique - pir. E, tks, pops. ID via DX press. 25331 (CG)
6324.9	Feb19	1808	R.Clash - pir. E, tks, pops. 25331 (CGS)
6930.9	Mar1	1908	Indy R via UnID, Spanish? - pir. Relay of R.Ukraine. // indyradio.es. 35342 (CG)
6945	Feb27	1705	Zenith Classic Rock (IRL stn) via UnID - pir. Pops. 35443 (CG)
6950	Mar4	1916	Zenith Classic Rock (IRL stn) via UnID - pir. Pops. 35342 (CG)
6955	Feb27	1916	R.Tango Italia (p) - pir. Tangos. 25342 (CG)
6954.9	Feb26	1952	Zeppelin R (p), Athína - pir. Light mx. 35342 (CG)
6974.8	Feb20	1223	Flux AM (t) - pir. Mx. T-ID via DX press. 15341 (CGS)
6985	Feb19	1510	R.The Vault (p) - pir. Pops. 15441 (CGS)

#### **Contributors to the log:**

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Christoph Ratzer, Salzburg, Austria	Giampiero Bernardini, Milan, Italy

Don't forget to take a look att Rudolf Grimm's blog here: <u>https://dxways-br.blogspot.com/</u>

# Station news

**UKRAINE**. Dear DX-friends. I am listening on "Radio Garden" right now to Papino Radio FM 107.6 MHz in Donetsk, Ukraine playing English songs and announcing in Russian with perfect reception at <u>http://radio.garden/lis-</u> <u>ten/papino-radio/YNuVQMaH</u> There are about 20 FM stations available in Ukraine, if you click the green dots. Another way of global radio listening ! (Best 73, Anker Petersen, Denmark)

UKRAINE: [DXplorer] SW or MW Stations in 'Independent' parts of Ukraine

Dan Henderson via groups.io wrote: Are there any SW or MW stations in 'Independent' regions of the Ukraine based upon Russian actions of today?

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Vlad Titarev on the ground in Ukraine would be the best one to ask. There are definitely no official SW outlets on the air, now for years. RUI is strictly internet based. There still may be a low powered AM outlet in the country's west. I haven't heard about 549 lately, and the Army station on 810 was only testing on that frequency in the past. Sad, but not much to be had on the dial from Ukraine. Sure a shame that they gave up on WRMI as well....Walt (Walter Salmaniw via DXPlorer)

#### The Buzzer 4625 kHz messages live feed

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The Priyom website has information on the messages 4625 transmits. <u>https://priyom.org/military-stations/russia/the-buzzer\_</u>The chat on the live feed only shows the last 200 posts so I can't scroll back and check for any messages that may have been translated this morning. Some of the posts are in Russian or Ukrainian as well. Live feed <u>https://www.youtube.com/watch?v=fUgzv-8\_EMc\_</u>There was a message broadcast on Feb 14th at 1821 which hasn't been translated. <u>https://www.youtube.com/watch?v=\_lygXsnfN1U\_</u>(<u>https://bclnews.blogspot.com/</u>(Mike Barraclough via bdxc-news & RUS-DX#1174)

### [WOR] Tropical Bands Monitor update

http://www.dswci.org/tbmonitor/2022.pdf (via WOR)

#### [WOR] European, Private Shortwave stations list - March

The latest monthly list of European, Private Shortwave stations has just been published. <u>https://www.radioheritage.com/european-private-shortwave-stations/</u> (via WOR)

### [WOR] New Caledonia radio history

The Radio Spectrum on the South Pacific Island of New Caledonia

Recent news reports from the South Pacific indicate that the local citizens on the French island with a Scottish name, New Caledonia, have opted not to proceed any further in the direction of obtaining their independence from the mother country, France, in continental Europe. The independence referendum was conducted throughout New Caledonia on Sunday December 12 (2021), and it was the third occasion in which the local citizenry have rejected independence and opted instead to retain their traditional ties with Metropolitan France.

However, it should also be stated that a large segment of New Caledonian citizens would still prefer to exert their independence as a separate international political entity.

Audio Insert: Radio France International, comment on recent referendum

New Caledonia is a verdant tropical island with a quarter million population and it lies close to a thousand miles off the east coast of Australia, and a thousand miles north of New Zealand. This French Overseas Territory is made up of more than 140 different islands, some

40 of which are inhabited. Two of those uninhabited islands, Hunter and Matthew, are also claimed by the neighboring island cluster of Vanuatu, though both are uninhabited.

In our radio topic for today, The Radio Spectrum on the South Pacific Island of New Caledonia, we take each cluster of stations in chronological order, and we begin with their communication stations.

It was in 1920 that their first communication station was installed in Noumea the national capital and it was allocated the French callsign FQN.

Other subsequent callsigns have been HZG FZN and FJP. Their usage of callsigns would seem to indicate that their various forms of international and local radio communication all emanate from the one combined shortwave communication station, which is located near Noumea.

Amateur radio has featured prominently in New Caledonia, and the best known early Ham was Charles Graveau, who operated under the callsign FK8AA. For a period of seven years beginning in 1937 and into the era of World War 2, FK8AA was on the air with radio programming for the benefit of local listeners.

Many international radio monitors in New Zealand and Australia, and a few beyond, were successful in receiving a QSL card verifying their reception of radio programming from FK8AA. Over the years New Caledonia is represented by several amateur radio operators, and also occasional amateur radio DXpeditions are staged in their territories.

A government operated broadcasting service was established in Noumea during the early part of the European War, and it was first noted on air in both New Zealand and Australia in 1940. This new program service operated in parallel on both mediumwave and shortwave, 558 kHz and 6122 kHz, under the communication callsign FJP.

Work began on the construction of a totally new radio broadcasting station in 1968 with studios in an outer suburban area of Noumea at Rue Guynemer, and with transmitters on two of the Ste. Marie Islands in Noumea Harbor. The shortwave transmitters were installed near Antenna Bay on the largest island Ste. Marie, and the mediumwave transmitters were installed on the smallest island, Uere Island.

Two additional regional mediumwave transmitters were also on the air in New Caledonia, both of which were installled near the middle of their main island, Grand Terre. One mediumwave transmitter, with 4 kW on 1260 kHz, was sited on the summit of Mt Aoupinie in the mid 1980s, and the other with 5 kW on 729 kHz was sited at Toupo, on the east coast of the island in the early part of this century. However the usage of shortwave was closed in 1994, and the usage of mediumwave was subsequently phased out in favor of nationwide FM coverage.

Audio Insert: RFI identification announcement

Interestingly, back in the year 1984, RFI Radio France International in Paris, gave serious consideration to building a large shortwave relay station on the island of New Caledonia. At the time, they were studying the feasibility of either building a large new shortwave relay station, or instead taking out a part time shortwave relay via the SLBC in Sri Lanka Broadcasting Corporation. However, as things worked out, neither option was taken up.

It was during the year 1942 that American forces began to flood into the South Pacific Islands, and at that stage, an American shortwave communication station was installed at Anse Vata, in suburban Noumea. That station was on the air as WVJN with Morse Code communication to Brisbane Australia and to California in the United States. On several occasions, WVJN was noted with the relay of programming beamed to the United States for nationwide broadcast over the continental mediumwave networks.

In 1943, the Australian Red Cross installed radio equipment in the International Red Cross Building in Noumea, and it was on the air with programming for the benefit of American service personnel. During the following year (1944) a new American mediumwave station was inaugurated in Noumea under the Mosquito Network callsign WVUS. Two years later again (1946), this station was removed from Noumea and reinstalled at the American Air Force base at Tontouta, 30 miles northwest of Noumea.

The National Broadcasting Service of New Zealand operated a Mobile Radio Unit in Noumea from April 1943 to August 1944, and it produced programming for local broadcast in New Caledonia and also for rebroadcast back home in New Zealand. During its year and a half service in Noumea, this NZNBS radio unit also produced a daily program, the Kiwi Hour, which was broadcast by Radio Noumea on both mediumwave and shortwave.

Another regular program was prepared in Noumea under the title With the Boys Overseas and this was forwarded by plane to New Zealand twice weekly for re-broadcast over the NZNBS home service mediumwave network throughout New Zealand. In August 1944, their mobile radio equipment in Noumea was donated to Radio Noumea, and the personnel returned to their homeland, New Zealand.

For a couple of years beginning in 1960, a locally produced program in the Ifira language was produced in Port Vila in the nearby New Hebrides islands. This program was beamed back to the New Hebrides from Radio Noumea also on both mediumwave and shortwave under the title Radio Kavelicolico.

During the 1980s, a French language program that was produced in the Paris studios of Adventist World Radio was broadcast from Radio Noumea on mediumwave (666 kHz) and on shortwave (3355 kHz and 7170 kHz) for which QSL cards were issued.

We look at the radio scene in the outlying islands associated with New Caledonia in our Wavescan programming next week.



(Adrian Peterson, IN, script for AWR Wavescan, Jan 16, 2022)

QSL Radio Noumea ORTF - 1971

QSL Radio Noumea - 1977



## **Cross Country Wireless LAA++ amplifier**



The Loop Antenna Amplifier ++ contains all the electronics needed for home DIY construction of an active loop (magnetic loop) low noise receiving antenna.

The amplifier consists of two units, a weatherproofed outdoor head unit for connection to a suitable loop and a bias tee unit to provide DC power up the coaxial cable to the outdoor unit. The head unit can also be used on it's own powered by the internal bias tee inside a SDRPlay receiver.

#### **Specifications:**

- Frequency range (Loop Antenna Amplifier ++): 5 kHz to 150 MHz
- Output impedance: 50 ohms
- OIP2: >+70 dBm, OIP3: >+32.5 dBm
- Gain (head and base units Loop Antenna Amplifier ++): 25 dB at 14 MHz
- Noise figure: 0.79 dB
- Supply voltage (head unit): 4.5 to 15V from a bias-tee feed via the coaxial cable

Read all about it at: <u>http://www.crosscountrywireless.net/loop\_an-tenna\_amplifier.htm</u>



#### GNSS shows how volcanic eruptions cause ionospheric disruptions



#### Government of Tonga [IDXCI] Asian DX Review - Volume 40 - No. 569 - March 2022

Hope you remember the Jan. 1 5, 2022 volcanic eruptions on Hunga-Tonga-Hunga-Ha'apai? The GNSS engineers detected its effects hundreds of miles above, in the ionosphere. The full details as reported by Matteo Luccio can be found at : https://www.qpsworld.com/qnss-shows-how-volcanic-eruptions-cause-ionospheric-disruptions Photo credit: Tonga Meteorological Services,

#### SI4732 Radio Receiver All Band FM AM (MW SW) SSB (LSB USB) w/ Antenna



Has anyone noticed this very inexpensive receiver from China for under \$60 including shipping. Looks interesting. Wonder how well it works. Dirt cheap, too.... (Walt Salmaniv via DXPlorer)

https://www.ebay.ca/itm/384316354210?mkevt=1&mkpid=2&emsid=e112358.m43.l3160&mkcid=8&bu=44433658257 &osub=-1%7E1&segname=16TE179892\_T\_HOT\_CT1&crd=20220222090000&ch=osgood&sojTags=osub%3Dosub%2Csegname%3Dsegname%2Ccrd%3Dcrd%2Cch%3Dch%2Cchnl%3Dmkcid

#### Malahit HFDY V3



This one has been in the marketplace in various shapes and sizes the last year or two. It looks flashy with the nice screen, but from all I've read it's no better than other small DSP radios like the XHDATA D-808, the C. Crane Skywave SSB, etc.

One particular clone of the Malahit DSP1 however--the HFDY "V3" SDR--is a different matter. Dan Robinson <u>wrote about</u> the V3 in the SWLing Post, and it is the best of the Malahit/Malachite clones. I have one here in Grayland with me and it is a great performer for the price. I paid about \$185 through AliExpress.

SWLing Post link: <u>https://swling.com/blog/2021/09/hfdy-vs-fire-brothers-dan-compares-two-chinese-clone-malahit-sdrs/</u>(SWLing Post)

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Here's a recording I made in December of DPRK North Korea reception using the V3 SDR: <u>https://www.youtube.com/watch?v=KUePjE-ylpk</u> (73, Guy Atkins via DXPlorer)

400 Observed Sunspot Number [SIDC, Daily Observed Sunspot Number [SIDC, Month) Prediction Panel [NOAA/NIASA/ISES – Shifted 6 Months McIntosh et al. (2020) [Modified for 12/21 Terminator 350 300 Number 250 111 Ispot 200 1111 Sun 150 1111 100 50 0 1995 2000 2005 2010 2015 2020 2025 2030 Above: Predictions for Solar Cycle 25. Blue is the official prediction of a weak cycle. Red is a new prediction based on the Termination Event.

#### The TERMINATION EVENT has arrived

(*Ydun Ritz* (2022-03-01) via mediumwave.info)

Something big just happened on the sun. Solar physicists Scott McIntosh (NCAR) and Bob Leamon (U. Maryland-Baltimore County) call it "The Termination Event."

"Old Solar Cycle 24 has finally died–it was terminated!" says McIntosh. "Now the new solar cycle, Solar Cycle 25, can really take off."

The "Termination Event" is a new idea in solar physics, outlined by McIntosh and Leamon in <u>a December 2020 paper</u> in the journal *Solar Physics*. Not everyone accepts it–yet. If Solar Cycle 25 unfolds as McIntosh and Leamon predict, the Termination Event will have to be taken seriously. More on the story here <u>https://spaceweather.com/</u>

## **Everyone should have a shortwave radio**

There's a reason why <u>Russia disabled Kyiv's TV tower with two missiles on the morning of March 1, 2022</u>. As Ukraine's Defense minister was quoted in <u>The Guardian</u>: "*Moscow aims to cut off communications to 'break the resistance of the people'*."

One of the first things an invader tries to shut down is a country's free press; traditionally, this has meant swift control of newspapers and radio. No surprise here-this is a standard part of an invader's playbook.

These days, of course, this also includes TV and the Internet. So far, Russia's attempts to completely cut off Internet in Ukraine hasn't been successful, but it's not from a lack of trying.

In fact, even *within* Russia <u>social media platforms</u> have been blocked or severely restricted to prevent the free-flow of information among its citizens. <u>Russia has even shut down one of its oldest radio stations</u> for not toeing the party line with Ukraine coverage.

<u>Propaganda machines</u> are most effective when there's no competing sources of information.

#### Why shortwave radio?

Shortwave portables are accessible, affordable, and effective tools for circumventing censorship.



It's sad that they aren't as common as they were back in the Cold War. Most people under 40 years old have likely never used or even heard of shortwave. I mean, if so many today <u>don't</u> <u>realize that you can receive television over the</u> <u>air</u>, how could we expect them to know what a shortwave radio is?

Unlike the Internet–robust and decentralized as it may be in some countries–shortwave radio can't be controlled by any one ruler or easily shut down. Shortwave broadcasting infrastructure isn't within reach of an invader without causing a serious international conflict. In addition, radio listening is an amazingly covert and untraceable activity. With a good pair

of earphones, you can listen to any station within range and no one will be the wiser. A radio can't be confiscated and the owner's listening history exported.

Smart phones, on the other hand, often have location services in play which leak user location information. Unless encryption is used, those in charge of internet services also have access to all communications that pass through the pipeline as well.

It's not difficult for those in power to gain access to information that passes through the internet. Don't get me wrong: smart phones are amazing tools. They give the user access to news, social media, and instantaneous information that might help their ability to seek safety-but they require a little savvy if you don't want to be tracked. They also need frequent recharging. Shortwave portables, on the other hand, will often last weeks if not months on one set of batteries. They allow you access to international news, and the vast majority can deliver local and regional news via FM and Mediumwave stations.

Most importantly, though? Shortwave radio is the ultimate free speech medium, as it has no regard for national borders, nor for whom is in power (or not in power) at any moment. Shortwave radio works everywhere on the planet; no matter how remote you are, you can still receive stations over shortwave.

So yeah. I think every family should have at least one shortwave radio. Especially when someone is actively trying to cut off your access to news and information.

#### Note to our friends in Ukraine:

The BBC has added two shortwave broadcasts to Ukraine on 5875 kHz from 8/10 UTC and on 15735 kHz from 2/4 UTC.

SWLing Post readers, please comment if you know of other new shortwave broadcasts to help those in Ukraine and Russia.

From https://swling.com/blog/2022/03/everyone-should-have-a-shortwave-radio/

# DX nostalgia by RFK

Can war ever become nostalgia? Once again an independent nation and its people are under attack by a pintsized little man who is forcing his country into a war nobody asked for. The usual elements are there: the obligation to defend countrymen "suppressed" by another country, a putative threat by other countries against his own nation and a psychopath ruling one of Europe's most dangerous war machines. We have seen it before. We cannot ignore what is happening in Ukraine today. A crime has been committed and the perpetrator is still on the loose. How much more destruction will have to follow before the instigator is neutralized?

The end of a war can definitely be nostalgia and hopefully we will see that end very soon. Many SWB readers will remember the end of WW2 – the war which was said to end all wars. Well, it didn't. Obviously we cannot prevent war as long as we let ourselves be ruled by maniacs. What we can do is supporting the victims of war in any way we can and be more critical when choosing our leaders.

A neutral country which was occupied by British forces during WW2 was Iceland. The invasion took place on May 10, 1940 and was named "Operation Fork". Obviously this was a result of the German invasion of Denmark and Norway in April the same year. Iceland also had a strategic position for The British forces as a base for naval and air patrols plus for protecting transatlantic shipping lanes. The occupation forces met with no resistance and the occupation actually meant a boost for Icelandic economy as the country's infrastructure was greatly improved. One thing which the Icelanders did not approve of, however, was the relationships between Icelandic women and the troops.

Iceland was occupied until the end of the war. Our friend Jan-Erik Räf JER reported the state broadcaster Rikisútvarpid on May 7, 1945. As we all know Nazi Germany surrendered the day after.

RÍKISÚTVARPIÐ (Iceland State Broadcasting Service) Reykjavík - Iceland Broadcasting Building Dear listener. We are pleased to verify your reception of our Broadcaster on 12235Kc/s at 1400 o'clock G. M. T. on 7 Nay 1945 Thank you for your interest. Radio Chat Sincerely yours, Jonas Porbergeron Director General. adcaster 12235 Kc/s 7 KW

In today's overexposed world of media radio still plays an important role. You will no doubt find current news about what's happening on the bands because of the Russian invasion of Ukraine elsewhere in this edition of SWB. Also initiatives on a smaller scale are taking place, like an unknown transmitter relaying the Ukranian state radio in the X-band and some unknown ham broadcasting patriotic music in the 40 metre amateur radio band. Let's have a look at JER:s log book just before Christmas 1944.

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Most of these stations came on the air because of the war. Folkesenderen Norges Frihet actually was a programme broadcast from Moscow. The difference from the Radio Moscow broadcasts was that this station was actively urging the Norvegian people to stand up against the occupants and sabotage the German army's activities in any way possible. Also the Deutscher Volksender was a Russian operation, beaming German programmes at Germany. An Athens station used by the American press is noted with news releases (Greece was liberated in October 1944). The British Mediterranean Station was noted with dance music and news in German. Sender Freies Deutschland was yet another Russian operation carrying programmes in German directed to the people of Germany. In the programme "Heimatdienst" greetings from captive Germans soldiers were broadcast to their families and friends. After Goebbels had ordered that mail from German prisoners of war in Russia was not to be delivered to the relatives because of the risk for letting "Bolshevik propaganda" through this programme became an important source of information about missing relatives. It has been said that no war has been fought in Europe after 1945. Oh yeah? What about the Balkan wars? And what about the invasion of Hungary in 1956? You might argue that it happened because the leader of the Hungarian Working People's Party, Ernö Gerö, asked the USSR to intervene and suppress the uprising. But isn't it an act of war to invade another country and then execute its prime minister? After all Hungary was a sovereign state despite the pressure from the mighty men in Moscow. It seems like the same strategy is being used once again. The QSL below was sent to Lars Rydén LR in 1950 and shows the Liberty Statue on the Gellert Hill.



At last my own 1976 QSL card from Radio Kiev while Ukraine was still a part of the Soviet Union. If you would like to submit some material for this column like scans of old QSLs, pennants, pamphlets or whatever you can think of, please mail me at <u>info@rock.x.se</u>. Take care, stay safe & GOOD DX!

