

SHORTWAVE BULLETIN

15 November
lovat gott mot
LA pga STORM

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Redaktionen har denna gång fått besök av Arctic Radio Clubs Stockholmsredaktion. Det gänget ger ut ett nytt nummer av ARC-bullen (MV-Eko) samtidigt som vi på SWB ger ut vår publikation. Han som är H-red på ARC i Stockholm tyckte det kunde vara smart och samköra distributionen eftersom ett rätt stort antal i läsekretsen ju är mottagare av båda alstren. Inte alls dumt tyckte vi här på SWB, och framför allt alla killarna på postmästerierna på de båda redaktionerna, som ju på så sätt kunde samarbeta och minska på stressen under den alltid jobbiga söndagsförmiddagen.

Thord Knutsson har vässat pennan: "Några kommentarer till SWB 1300: DO:s 4775 R San Borja Borja Peru tror jag innehåller ett antal skrivfel. Stationen är rimligen R San Borja (eller R Eco San Borja,) i San Borja, Bolivia. Stationen har åtminstone tidigare hörts på 4705. Rätta mig gärna om mina idéer är fel."

SWB:s korrekturavdelning svarar: Vi rättar enligt följande: 1) SWB nr var välan 1303, för det var ju i det numret detta knepiga tips dök upp. 2) Tipset fick fel frekvens vid nedknackandet av det samma pga av DO även tipsat Radio Tarma på 4775. Tarma redigerades bort, men kvar blev frekvensen och där hamnade istället San Borja! Hur i hela friden det nu gick till? Kanske blev killen vid tangenterna avbruten av något, och började om vid ett senare tillfälle. Utredning pågår! 3) DO tipsade San Borja på 4702, och där har alla andra kända tips till SWB placerat stationen (exaktare 4702,3) - inte 4705 alltså. 4) Visst ska det vara Bolivia! 5) DO:s fullständiga tips löd på följande sätt: "4702 01.50 22/10 222 R San Boja, San Boja Peru had c/d 02.04 DO" - Detta är Exakt avskrivet från originaltipset och dubbelkollat av en speciell dubbelkollare här på korrekturavdelningen. Det visar väl hur knepigt livet kan vara på SWB-redaktionen....

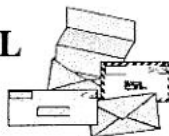
Knutsson har vidare info om BM:s station på 5766 (SWB1304). Den heter enligt McVicar på HCJB "Estación Soritor och sänder från Soritor, Provincia de Rioja, Dep. de San Martín".

hermod.pedersen@sds.se"Glöm inte påpeka för de aktiva att 15 november tycks kunna bli en fin LA-natt. Se vidare nedan... Annars tänker jag skicka dig en massa intressanta solvärdesinfo, som du lämpligen dels kan studera för eget bruk, dels utnyttja för en intressant följetång i kommande nummer av SWB. Det finns mycket matnyttigt i den digra bunten, som jag kommer att skicka med snailmail - allt färdigpacketerat för publicering./Hermod". Vi väntar med spänning!

"Hej Anders, jeg ved at jeg er lidt sen paa den, men vil det vaere muligt at faa SWB paa e-mail paa adressen **Krone@dk-online.dk**, som du erbojed? (Inte Krone@193.89.47.2!!! Min radio er soender foer tilfaellet, men hoppas at den blir ok inden jul. Ingenting spaendende herfra. Tycks ha varit ganske bra kond's senaste natten. Ha en bra weekend. 73's Finn."

thomas.nilsson@mail.buller.se (Thomas Nilsson)" Det var länge sedan sist. Jag ha haft en otrolig störning här sedan den 21/10 med bara något kort avbrott. Från den 8/11 har den faktiskt varit tyst. Det är inte så lätt att höra något när det låter som en kulspruta med styrkan S9+10! över hela KV-bandet. Så inte har det blivit mycket med DX. Beträffande Internet, så har buller.se haft en brand i sin dataanläggning och fått byta modem. Går faktiskt lite snabbare nu. Kopplar upp med 28800 i de flesta fall. Men det är många nya som kommer till hela tiden. Det blir upptaget vanligtvis på kvällarna. De ligger nu på c:a 15 användare per modem, men strävar efter att komma till förhållandet 10:1, som väl får anses optimalt."

QSL



Leif Blomqvist: Radio Miami International -9955 kort och dekaler; Christian Voice, Zambia -4965 stencilbrev; Rádio Difusora Roraima -4785 rekat brev v/s Manuel Pinto Teixeira, Dir Manager; La Voz de Caras, Manabi -4795 v/s Marcelo Nevárez Faggioni, Dir General (vad svaret bestod av ville inte Leif avslöja...); QSL nr 2 på rapport nr 2 till Federación Shuar, Sucúa -4860 v/s Dir. Manuel J. Vinza Ch. som nämner i brevet följande frekvenser 4785, 4860, 4960 och 5980.

Thord Knutsson: Radio Satélite -6726 brev och "certificado de sintonia", v/s Sabino Llamo Chavez, Gerente. Leif, några tips från dig kom inte till redaktionen till det förra numret, tyvärr.

Tore Larsson: har också fått samma svar från Radio Satélite -6726 som Thord.

Anders Hultqvist: HCJB -6050 svarade med 2 olika QSL på min e-mailrapport i samband med Nor-DX 95.

Nils Jakobsson: slår till med de första KV-QSL:en sedan slutet av maj. Turkmen Radio -5015 brev från v/s A. Amanklichev, Deputy Chief of the Technical Department efter 17 månader; Radio Mil -6010 brev och dekal från v/s Miss Zoila Quintanar Flores; Rádio Verdes Florestas -4865 brev från v/s Marlene Valente de Andrade (1:a brassen på nära 3

år, och första svaret härifrån till Sverige sedan -92); Radio Super de Ibagué -4785 brev och dekal från v/s German Acosta Ramos, Locutor Perioidista -sri OVE, några fler vinstlotter fanns det alltid!

LOGGEN - ALL TIMES ARE UTC

3344,87	11.11	1345	Tent Ternate. svag med mx. 1-2	TN
3665,25	1.11	1445	Azad Kashmir Radio med lokala nyheter före nyhetsreläet från Radio Pakistan 1500. Även lokalanrop "Azad Kashmir Radio, Muzzafarabad"	SA
3935	31.10	0615	ZLXA Radio Reading Service for the print disabled, Levin. Säsongsprimula, svag	SA
3959,85	11.11	1405	Svag RRI i kanten av den starka asienstn, Nog ändå Palu som är svag.	TN
3976,05	5.11	1500	RRI Pontianak stark och med flera tydliga ID efter nyheterna. 3-4	TN
3999,98	14.10	1515	RRI Padang noterades här denna datum. Ev. denna den 5.11 svagt i kanten av Kendari.	TN
4000,2	5.11	1420	RRI Kendari, med mx svag, (tent). 2	TN
4606,402	11.11	1250	RRI Serui med nyheter "Wartan Berita" 1500	SA
4725	7.11	1315	Burma (det finns inga andra än landets militärjunta och WRTH som säger Myanmar...). Spelar sin musik, men hörs sällan riktigt bra numer. Nergången sändare? QSA 2-3	JE
4768	ofta	kväll	OID ryss med close down 2330 Någon som vet vad detta är undrar Stig	SA
4777	30.10	1400	RRI Jakarta med nyheter. 3	TK
4815	7.11	0145	R Dif Londrina // 4875 till 0155 med nåt religiöst. Lokal-ID 0158 med frekvensangiv- elser mm. 4!	OVE
4826,3	5.11	2245	Radio Sicuani går för ovanlighetens skull fram med godtagbar styrka litet då och då	HBG
4835,1	11.11	0115	Radio Tezulutlán gick knappt att känna igen. Ingen marimba och rent av sprallig i formatet. ID-t avslöjade dem dock. 3	OVE
4840	5.11	2250	Radio Andahuaylas med mycket snack om Andahuaylas, Q3-4	HBG
4874,65	11.11	1335	RRI Sorong med tydligt ID. 2-3	TN
4875	7.11	0145	Super Rádio Roraima, se 4815. Fortsatte religiöst på egen hand. 4	OVE
4886,5	5.11	2255	Radio Villa Rica, Q2	HBG
4900	ofta	1430	Voice of the Strait nu här för vintern. Alltid med bra hörbarhet. 4-5	TK
4938,27	10.11	2315	Kinesen drev omkring här. -20Hz på 10 min.	TN
4945	29.10	1500	VOA med nyheter. Krasnograd? QSA 4	JE
5005	23.10	2020	Radio Nacional Bata med evighetslånga bulletiner och namnuppräknningar. 4	TK
5030,000	ofta		Buthan har flyttat och är nu här sedan en längre tid	SA
5040,0	11.11	1407	RRI anrop i nyheterna. Tent Pkanbaru, svag	TN
5050	29.10	1500	Haixia 1 alias Voice of the Strait visade sig kinesen vara och inte den efterlängta- de Guangxi. 3-4	TK
5972,8v	11.11	1330	Myawadi Broadcasting Station i Myanmar, drivs av militären. Close down abrupt 1330	SA
6025	5.11	1400	OID, men säkert en pirat som körde ut en annan stations program, eftersom det innehöll bl.a. reklam för "Sharp" och "Ariel", plus en lokal annons för en TV-affär. Irland? S2-3	BEFF
6130,000	11.11	1310	Vientiane Laos med härlig sydasiatisk musik samt konstigt nog även Peter LeMarc på svenska! Anrop "Lao Tai Vientiane" på hel och halvtimmen	SA
6185	28.10	1345	China Huayi Broadc Company med en massa sånger och CC-prat. Inget riktigt ID, tyvärr! S2-3 pch splash från andra	BEFF
7017	29.10	1430	Radio Maryja, Polen med mycket "Ave Maria" och ordentliga ID. Undrar om det är samma stn som står som FM-sändare i WRTH? S3-4	OVE, BEFF
7120	30.10	1200	Ukesenderen med programinformation för dagen. Hårt trängd och svag. 1-2	GW, TK
7215	31.10	1025	UKE-sendern förvånansvärt stark och ensam med non-stop musik och ID och evene- mangstips för Uken på heltimmen. Rätt tråkig... finns det studenter som lyssnar på denna? S3-4	BEFF
7231	7.11	1220	Indones som då måste vara Fak-Fak? QSA 1-2	JE
7375	30.10	1330	RN Petropavlovsk fick jag äntligen ihop en rapport till. Holländska och nyhetskommen- tärer bl .a. Typiskt eko som lär uppstå när signalerna går båda hållen kring vårt miss- handlade klot. Det finns säkert en fackterm för det, vet du? Eller nå'n? Svag och splatter från 7370. 1-2	OVE
9475	8.11	1650	I min jakt på nya amerikanen försökte jag här - men si där låg bara AWR/Rimavska Sobota med EE kl 1700. Förvånansvärt dåligt styrka, 2-3	BEFF
9660	30.10	2245	Radio Rumbos riktigt bra. 3-4	TK
9824,95	5.11	0910	Kiribati på USB med bl.a. Johnny Cash bland all söderhavsmusik	SA
9930	28.10	1530	KWHR med svag signal och mycket splatter från Spanien. 2	TK
11830	11.11	0805	Rádio Anhanguera hördes riktigt skapligt. Det kan red intyga som fick lyssna i realtid (som det ju numera heter på svenska...) via telefon från Göteborg	GW
11854,9	11.11	0805	Rádio Aparecida också per telefon till redaktionen	GW
11915	8.11	0820	Rádio Gaucha med anrop och Q2-3	GW
11925	8.11	0825	Rádio Bandeirantes hördes med Q2-3 över en ryss	GW

MOVE TO THE TOP WITH KENWOOD'S NEW TS-870S NEXT GENERATION IF-STAGE DIGITAL SIGNAL PROCESSING

In its continuing role as a technology leader, Kenwood is proud to introduce you to another industry first: the TS-870S ALL-Mode HF Transceiver with Next Generation Digital Signal Processing at the IF stage on transmit and receive. Kenwood has set new standards unmatched by any other product in its class. Add the new TS-870S to your station and experience the top level of HF operating convenience.

DSP technology uses a dedicated computer chip to convert analog waveforms into digital information in 'real-time', providing the opportunity to filter and enhance the quality of the signal before it is reconverted into analog form for the human ear or for radio frequency transmission. The design approach used by Kenwood in the TS-870S uses DSP at the IF stage allowing the greatest range of control and unprecedented receiver performance. This is the key innovation setting the TS-870S apart from every other transceiver in the market.

For example, in SSB, CW and FSK modes, you can tune the DSP filter sharp enough to attain over 100dB out of pass band attenuation with virtually no signal loss. You don't need to purchase any additional filters-it's all done with DSP software!

The TS-870S is also fully computer-controllable through a built-in 57.6 Kbps interface and Microsoft Windows compatible software (supplied with the radio). You can control the functions of the radio with this software program. An IF-232C is no longer required because the interface is now built in. DSP is the most effective way of using current technology to separate what you want to hear versus what you don't want to hear. When you operate the TS-870S, you will hear the most signal and the least noise! If you are tired of listening to all sorts of interference while operating, you will experience magic with the TS-870S!

DIGITAL SIGNAL PROCESSING DSP What does it mean...?

Digital Signal Processing is a term you will be hearing a lot about in the future. This fascinating new technology allows you to tailor both your transmitted and received signals in ways that were only dreamed of just a few years ago.

Fundamentals

The normal transmitted (and received) signals that you hear on the bands are analog signals. These signals usually have some level of distortion and noise riding on the signal. In the past, it was not practical to do much about removing this distortion and noise since most noise is amplitude modulated, just like the human voice.

The recording industry discontinued using analog techniques and started digitizing their signals. The analog signals were applied to sampling circuits that generate a staircase type waveform similar to that shown in Figure 1. By using this sampling method of signal conversion they were able to remove much of the noise that was present on the audio signal. Any noise that might be present on the signal between the sampling periods is ignored.

Advanced Features

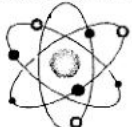
Digital Signal Processing techniques do not end with converting the signal into a digital waveform. The signal is also applied to programmable filter circuits that let you select the desired audio passband.

Why DSP?

One of the most frequently asked questions is why bother with DSP at all when changing crystal filters will allow adjustment of the audio passband?

Just adding analog filters to a circuit will not remove as much noise as converting the signal from analog to digital. Nor will analog filters allow you to tailor the audio passband as easily. Analog filters are also unable to provide the improvement in the transmitted carrier and sideband suppression that are realized with DSP circuits. The bottom line is that any device that will help you to break thru a pile up, or help you pick a signal up out of the noise is a definite advantage. Digital Signal Processing provides just such an advantage and is something you should seriously consider when purchasing your next rig. The digital signal is rounded off to the closest step voltage each time the analog signal is sampled. This process is called Quantization. (<http://www.kenwood.net>)

RADIOVÄDER



Denna gång kör vi radiovädret via Seattlepojarna. Stormvarning med goda utsikter för spännande signaler den 15! Jan Alvestad i Norge har tyvärr inte uppdaterat sin sida med radioväder sedan den 15 oktober. Se förra numret för

Seattle, WA November 3, 1995 SB PROP ARL ARLP046 ARLP046 Propagation de KT7H

Average solar flux was down a few points last week, and the sunspot trend was downward, with zero visible sunspots for the past twodays. On each day the solar flux was below the ninety day average of 75. The geomagnetic field is expected to be disturbed for the next few days. Look for a K index around four through the contest weekend, with a slowly rising solar flux. The flux is expected to peak in the mid-eighties around November 8, then slide back to around 70 from the 19th through the end of the month. November 15 is expected to be very stormy, with a A index around 30. The periods from November 10 to 12 and 20 to 25 are expected to be quite stable, with A indices below 10.

Expedition report from Abisko

Olle Alm 9/9 1995 to 1/11 1995

1995-11-09

Kortvåg - SWB

90mb	16.10	1200	Många Papuafrekvenser hördes bra med typiska program 1145-1150, men vid en ny koll 1205 hade alla signalerna försvunnit. Kanske en ny, ännu tidigare stängningstid 1200? OAA
5020	27.10	1013	SIBS Solomon Islands hördes enbart denna dag över/under en kinesisk station. SIBS:s vassa ljud bör underlätta för hugade rapportörer OAA

DATELINE BOGOTA - October 15, 1995

© Henrik Klemetz, Apartado Aéreo 95473, Bogotá, Colombia

1590 Emisora Nuevo Continente, Colombia, ex-R Zona Metropolitana, since early this year.

1649 La V del Rosario, Junín (Cundinamarca), Colombia, in Oct., 0100z.

H2859v R Maranatha Cultural, Chaparral (Tolima), Colombia, Jul. 3 and for several days, s/on 1100 and s/off 2300.

H3021.4 La V de La Unión, Colombia, Aug. 3, s/off 0006.

H3035v R Familiar, "emisora campesina", a Colombian, heard at sign on 1100 and s/off 2300 late July and early Aug. No mention of QTH.

H3060.1 La V del Llano, Colombia, 3x1020, Jul. 22, 0005.

H3120.4 R 15-60, Puerto Rico (Caquetá), Colombia, Jul. 20, 1100. Says it's an "emisora independiente al servicio de la comunidad".

H3131.2 Frecuencia 5, Vergara (Cundinamarca), Colombia, Jul. 3, 2200. Fundamental is 200 W per info provided by Rafael Rodríguez.

H3211 R Espacial, Andalucía (Valle), Colombia, Aug. 29, 1057.

H3225 Frecuencia Musical, Quimbaya (Quindío), Colombia, always dependable on this fq around 1100 with "Quimbaya, buenos días". Around 2200 also heard on **H4845**.

H3255 La V de la Colina, Colombia, unheard for a couple of months, Aug. 28, 2345 with Colombian "carrilera" music. Weak. Used to be on H3205v.

3270.1 R Ecos del Oriente, Ecuador, Sept. 11, 0010, reactivated, with "El pueblo y su música".

3339.9 In case nobody has noted, **R Altura**, Peru, has a funny canned ID: "R Altura, 5000 kilowatts en antena, transmite desde Cerro de Pasco".

3475.8v R emisoras Padilla, Bolivia, Apr. 24, 0032, "El correo musical de los domingos"

3579.7 R Católica Nacional de Colombia, San Carlos, Túquerres (Nariño), is active 2 or 3 nights weekly 2200-0400 w/ a prgr called "Para nuestra gente". Jose Celio Díaz is the DJ, and he is assisted by Juan Guillermo Díaz, "ingeniero técnico". Pwr said to be 2 kW.

4000.1 La V de la Amistad, Trujillo, Peru, on same sked as in PWBR '96. Canned ID: "Esta es la nueva programación de La V de la Amistad, en los 1450 kHz de la amplitud modulada". *Svgi Brjlm SAWM*

4012.1 R Frecuencia Popular (presumed), Peru, Jul. 13, 1034.

H4019.9 An interesting harmonic, noticed thanks to tip from McVicar, is Ecuadorian **La V de su Amigo**, at Esmeraldas, 3x1340 kHz. Good signal from 1100z s/on and in the local evening with local news prgr called "Minuto a minuto". Music is bright and varied. Seems to be located on Manuela Cañizares y Olmedo, next to a dentist whose ads are aired on the stn. Phone number is 728784, but in order to keep

the signal on the band, it's preferable not to report the stn. (**H2679.6 R Comunal**, Colombia, 2x1340 kHz, was audible for several weeks in a row with a beautiful signal until they received a phone call from someone who said he was getting them on SW in addition to MW). *Borja Seder 6/11*

4154.7 R Naylamp, Peru, on this new fq, first time on Jun. 24, last time recorded, Sept. 5. Poor signal around midnight. Seems to be gone now.

4183.1 R San Ignacio "la super radio", at the town of San Ignacio, Peru, first noted Aug. 27, 0210-0316*. Clearly not San Ignacio in the Cajamarca dept., for listeners' requests would not include any HC pasillos. Announcing 4200 and sked as 0430-1000 local time for the following morning with 5 different DJ's in action in 1-hour segments. Said they were testing on SW while waiting for an "amplitud modulada" tx. At s/off they played the entire ID tape, including four different ID's, one of which starts as follows: "A través de los Andes liberteños, Ud. escucha R San Ignacio, la voz del ..." The word "liberteño" implies that the stn is in the dept. of La Libertad. There's however no San Ignacio to be found in that dept., not even on very detailed maps. It wasn't until Sept. 29, shortly before their definite (?) disappearance, that I was able to pin them down on a map, as they said that San Ignacio was in the "distrito de Sinsicap". Gave their address as "Av. Víctor Larco 104, a un costado del Campo deportivo". - It is interesting to note that Sinsicap (and San Ignacio) is not too far from the town of Membrillar, where there was a haunting station, calling itself **R Membrillar**, and RNM member Nabeshima will remember it quite well for he recorded their signal on approx. 4183 kHz when travelling in Peru. R San Ignacio has presumably been using the same tx.

H4290.4 R Majagual, Colombia, poor, Jun. 28, 2300.

4319.3 R Condorcanqui, Peru, usually silent, but on extended sked, Jun. 10, 0200. Not heard since then.

4530.2 Hitachi Radiodifusión is the usual ID for the Bolivian here.

H4532.1 La V de La Unión, Colombia, Aug. 20, 2216, in // with H3021.4.

H4559.3v Interesting Colombian harmonic during June only, announcing 100.1, but obviously also on MW, **Estudio Punto 1**, at Taminango (Nariño). Heard almost daily from 2300 to s/off at 0100/0200v.

H4570 R Atlántida, Peru, usually on 4790, was off its fq for a week or so early June. Strong and distorted signal.

4606.5 R Ayaviri, "La V de Melgar", Peru, reactivated, Apr. 14, 0045, ann. 5035 kHz.

4619.7v R Soledad, Peru, ex-4640v, from Sept. 21 on. Still relays news from América TV, at 0100z.

4627.3 R Cosmos, Jr. San Martín 484, Celendín, Peru, "en calidad de prueba", Sept. 6, 2340, with huaynos and muffled microphone sound. Also announcing "Estación Cosmos" and "Cosmos, su

4567.8v

- emisora amiga". Is the strongest stn in town. Will not charge for messages for the time being, DJ said.
- 4640.1 R Soledad**, Peru, Aug. 4, 0045, ex-4675v.
- H4690v** Colombian R **Guaranda**, at Guaranda (Sucre), Jun. 18, 2248. Weak. On Jul. 14, 2100, on 4630v.
- 4702.3 R Eco**, San Borja, (also **San Borja la radio**), Bolivia, Jul. 22, offering a poster to reporters. Fq anno'd as 4700. When first logged, Jul. 5, they gave fq as 4710.
- 4719.6 R Abaroa**, Bolivia, on a readjusted fq. First noted on this spot, Sept. 9. The move seems to imply that Bolivians try to keep at least 15-20 kHz apart.
- H4725** Another spur from **La V del Cinaruco**, Colombia, 4865.1, in // with earlier noted spurs on 4680.4 and 5049.7, both of which are still around. Aug. 12, 0900.
- 4750.1** A new Peruvian, first noted Aug. 11, 0110, with Venezuelan "tecnopop" and an extremely fast speaker. Greetings to listeners in Huancabamba, Jaén, San Ignacio, Sónдор etc. gave a rough idea of the location of this stn, which seemed to ID as "R San Francisco", 0135. - On Aug. 12, s/on at midnight, slop from **R Huanta 2000**, 4746.7, until their s/off 0050. QTH info: "estudios ubicados en la parroquia de San Miguel de Sónдор". At s/off 0236 mention of 89.1 and 4750. - At s/off 0302, Sept. 8, I clearly heard another word in addition to "R San Francisco" and that the slogan was "La V de la Parroquia de San Miguel de Sónдор y Sónдорillo". The DJ bid goodnight as Franciscans do, "Paz y bien". - On Sept. 9, there was a slow-speaking DJ by the name of Luis Alberto Castillo, hosting the show "Al ritmo de la noche". Thanks to this gentleman and to my *Almanaque del Peru*, the ID was established as **R San Francisco Solano**, which is the name of a Spaniard who settled in Peru in the 16th C., later to be canonized. Address: "Calle San Miguel 215, distrito de Sónдор, Región Grau". [The area of Huancabamba, where this stn is located, does not belong to the "Región Nororiental del Marañón".] - There is usually a good deal of utility QRM from an Argentine bus network (!), especially around 2300. They operate all over Argentina, Jujuy, Catamarca, Tucumán etc.
- 4756.9 R Huanta 2000**, Peru, on this odd fq Sept. 8, 2315.
- 4765.4 R dif Guanay**, Bolivia, quite readable Jul. 22, 0100 to past 0200 w/LA pops viz. Vilma Palma y Los Vampiros, Los Fabulosos Cadillacs, Luis Miguel.
- H4766.5** Colombian **La V de la Colina**, Risaralda (Caldas), Apr. 14, 1220, in // with H3177.6.
- 4775.4 R Tarma**, Peru, Sept. 30, s/off 0728!
- 4779.8 R Oriental**, Ecuador, reactivated mid-June, vy good all thru Aug. and Sept. On Aug. 28, closing at 2300 due to electricity cut. Said they were grateful for reports from Sweden, Finland and Norway; no names given.
- 4781.2 R Satélite**, Peru, testing Sept. 9, 0330, "desde la cima del Cerro Cotorumi en la banda de 60 metros, 4780 kHz".
- 4784.7 R Super**, Ibagué, Colombia, May 1, 2300. This is a move a few hundred Hz down from their former fq.
- 4830.2 R El Buen Pastor**, Saraguro (Loja), Ecuador, testing Jun. 16, 0144 to past 0315. Non-stop HC music, including instrumentals by Los Corazas and vocal music by traditional Benítez y Valencia. Quichua name of stn is **R Alli Michic** per pennant rec'd.
- 4845 R Kekchi**, "la voz evangélica de Las Casas", Guatemala, unusual guest in Bogotá, 27, with an even more unusual programme, "La V del Soldado Guatemalteco", until 0131. This programme featured advice on how to avoid tuberculosis and dysentery.
- 4850.6 Emisoras Luz y Vida**, Ecuador, Aug. 10 0056, reactivated Jul. 27 on 4850.0, perhaps due to presence of **R El Buen Pastor**, on 4830.2.
- 4855.4 R La Hora**, Peru, reactivated Sept. 6, 1028. Unheard for quite a while.
- 4884.7 Ondas del Meta**, Colombia, RF, Jun. 25. 24 h? Claims 30 kW on MW.
- 4895.1 Chanchamayo R**, says Peruvian, 1030z.
- 4915 Armonías del Caquetá**, Colombia, is a regular during local daylight hours. On some occasions, one or two hundred Hz up.
- 4919 R Quito**, Ecuador, reactivated, Jul. 12.
- 4974.7 Ondas del Orteguzaza**, Colombia. 2300z*.
- H4996-5011v R Progreso**, Brazil, nominally on 4945, with awful modulation, often heard 2300z.
- 5010.3** Typical ID's for the Ecuadorian on this channel, May 1, 2300: "Desde Riobamba, y el corazón de la patria, **Radiofónicas**, símbolo de cultura" and "Desde el corazón de la patria, y con el espíritu del pueblo, **Radiofónicas**". ["Radiofónicas" was, in its time, the cable and postal address for Colombian **R Sutatenza**.]
- 5016.7v Estación Tarapoto**, Peru, around here in mid-Sept., but usually on **5014.8**, so reports saying this is **R Juliaca** seem a bit exaggerated. Occasionally, before the morning news at 1100, there's a 10-15' relay of **R Exterior de España**. On Aug. 16, I noticed that the on-cue of the news was in the form of a huayno: *A continuación ofreceremos / las noticias frescas emanadas / del informativo más completo / que haya llegado hasta sus casas / ¡qué emoción! y ...¡atención!* This incredible huayno was followed by a canned anno't by stn mgr himself, saying "Es dura y difícil nuestra tarea de vivir con honor en la región de San Martín. (This may be a reference to the drugs trade). Estación Tarapoto, primera opción en radio, con sus tres frecuencias en simultáneo, apertura una nueva edición de *La mañana en la noticia*".
- 5035 R Educação Rural**, Coari, Brazil, "falandu para toda a Amazônia" during 31st anniversary week, Jul. 24-30. Good signal morning and night. **R**

R. Juliaca Hablópá 5015.9

5053.8 Unid Terre +pt by CoN drinks
ao Fars del Caribe i Bogota

3

Aparecida is sometimes audible on **5034.8**, but w/ a weakish signal.

5083.9 R Mundo, Peru, on a slightly shifted fq, Aug. 29, 1035 with usual bilingual (Spanish and Quechua) "Voz campesina" programme. At night, s/off is around 0100.

5263.8

5264.7 A new Peruvian audible here in early Oct. now that the stn on **5277.2** is gone. First noted as an unid by McVicar. Weak and unreadable in Bogotá, Oct. 5. On Oct. 10, sufficient audio for an ID: **R 5264** (cinco mil doscientos sesenta y cuatro). Stn is at Chiriaco, in the Amazonas dept. "el último rincón de la patria", the DJ says. The studio address is Jr. Ricardo Palma s/n (= sin número) and sked, 5:30-9:30 local time. Announcements in a vernacular language, probably Shuar, noted on a few occasions.

5275.6 Estación NC, also **Estación Láser**, with slogan "la radio de la integración", daily in Apr. w/ s/on at 1100 and, at night, until s/off at 0300z. Address: Av. Nueva Cajamarca 313, Nueva Cajamarca, San Martín, Peru. Featured ads for firms in Rioja, from where the stn moved sometime in Apr. Along with the tx went youngish DJ David Bustamante Chávez. Stn now gone.

5277.2 R Paccha, Peru, ex-5547.4, Sept. 20, 1107. Wouldn't have noticed this one unless tipped off by McVicar. Weak.

H5388.9 Spurious radiation from **La V del Llano**, Colombia, 6115.7, Jun. 16, 2316. Also on **H5205.4**, featuring "Romance, copla y sabana" in a satellite hook-up with **R Táchira**, Venezuela, 4830.

5498.1 R Lajas, at Lajas, Chota, Peru, Sept. 6, 2352, on a tip from McVicar, who reports hearing the address of Jr. Recinto Manuel 589. I cannot confirm this, as I haven't heard any addr info at all. Announces 5500.

5522.4 R Sudamérica, Cutervo, Peru, July 29, 0110, announcing address Jr. Ramón Castilla 704, 2° piso, Plaza de Armas, telephone "número 90, señal central", and acknowledging a report sent in to the stn by Michael Schnitzer, in Germany. - On Aug. 25, 2300, "**Sudamérica Radio**, celebrando a lo grande su 2° aniversario con Amanda Portales, Los Reales de Cajamarca..." "Sudamérica R, la triple radio".

5547.4 R Paccha, at Paccha, Chota, Peru, Aug. 27, 2347 with Sonora Dinamita oldies, and, at midnight, disco music. Apparently, the **R La V de Andamachay** tx has been sold and transferred to Paccha and these places are not very far apart. Actually, they seem to cover the same area, as there has been music requests for Cortegana, where Andamachay is located. - Aug. 29, *1016, warming up with ABBA tunes and then into "El Cóndor paccha". Speaker Miguel Condesa Santos said that stn was at "la ciudad de Paccha, provincia de Chota". He gave the fq as 5545. - I have not heard any address info on the air but McVicar says he has heard one, Jr. Ramón Castilla 52.

5552.3 Unid Colombian, heard a few times w/ vallenato music, i.e. Aug. 25, s/off 2200.

5556.3 R La Inmaculada, "la nueva radio de Santa Cruz", Peru, Jun. 10, 0204 with "El rincón de los recuerdos". Address: "Oficinas: Parroquia de la Inmaculada Concepción, frente al Parque Central, Santa Cruz. [This Santa Cruz is the one located in the Cajamarca dept.]

5613.6v R Ilucán, Peru, on this fq just for one day, Sept. 27, apparently using reserve gear while doing maintenance work on their main tx, 5620.9.

H5641.4 This is a rarely heard harmonic of Colombian **Caracol Vélez**, nominally on 1410.35. Jun. 16, 2310.

5700 R Frecuencia San Ignacio, Peru, Sept. 4, 1230! This is the first time I hear them in the morning, probably they try hard not to lose their position to **R San Ignacio**, 6747.2, which is active in the morning.

5721 R San Miguel Arcángel, Peru, Apr. 25-27, at night. Also ID as **Arcángel San Miguel, su radio**. Heard again May 3, 0035, then gone.

5766.6 Estación Soritor, Soritor, Moyobamba, Peru, reappeared on Jul. 19 after a lengthy silence. Found the stn at 2338, and five minutes later, Jan Erik Österholm, in Finland, asked me on the phone what's the name of the stn that he was hearing on 5766.50. - It appears that this stn is awaiting an FM tx, so they may leave SW any time.

H5800.3 Unusual and unique signal, Jul. 20, 1140, from **R Calidad**, Riobamba, Ecuador, 4x1450.

5873.7 Still not 100% identified is a Colombian from Nariño dept., usually active only on Sat/Sun 2130 till variable s/off after midnight. Believed to ID as **R El Sol** or **R Austral**. Location unclear.

5974.3 R Macarena, Colombia, reactivated on this split Sept. 4. Powerhouse.

6015.2 R Mira, Colombia, reactivated Jul. 3, well heard around 2200 with local programming.

6080.2 R Patagonia Chilena, Sept. 13, 1022, with news relay from **R Portales**. The commercial breaks feature local ads for the town of Coyhaique.

6089.6v Thanks to the unexpected silence of **R Bandeirantes**, Brazil, I caught an equally unexpected all night prgr from **R San Miguel**, at San Miguel (Cajamarca), Peru, Aug. 12, 0725-0838, when weakening considerably. Said they were at Jr. Grau 493, "en la provincia de San Miguel". Ments of FM stereo and SW, "banda de los 42 metros onda corta". Huaynos and some occasional ads, including one for **Juan Quiroz Alcántara**, candidate to the local provincial council. [This is the unid Viloría, in Venezuela, reported on HCJB DXPL, Aug. 12.]

6142 R Mauro Núñez, Bolivia, regular in Jun./Jul., s/off 2400/0100, is now gone.

6170.3 Caracol Florencia, and also **Caracol 1090**, is the ID of this Colombian, reactivated late Aug. after a period of silence of one year or so. Per my own records, I had them on 6170.9, Aug. 13,

1994. - I talked to stn sec'y, Srta. Carmen, on Oct. 10 (phone +57 88 354288) to learn that they abandoned the La V de la Selva slogan by Dec. 94. Said Carmen, "We haven't been on SW for a very long time". When asking her if the stn might have been on SW on May 21 this year, she said that this was not very likely as the SW tx had suffered a serious breakdown about a year ago, having remained silent until late Aug. (This means that Srta. Carmen cannot verify the report in RNM #205 saying La V de la Selva was on the air on 6170.32 on May 21, 1995).

6180.3 R Nacional Mendoza, Argentina, Jul. 1, 0730, featuring zamba music.

6188.1 R Oriente, Peru, rather weak, Sept. 10, when reactivating their SW tx after one month's silence. DJ on duty jubilantly announces that stn now has new gear, studios being air-conditioned etc.

6199.9 R for Peace Int'l, Costa Rica, well heard, around 2000 in June and July.

H6201.2 R Oriente, Peru, by several DXers mistakenly thought to be **La V de Huamanga**, Peru, again audible as of Sept. 16. Two other spurs on 6214.3 and 6227.5, both weak. - By early Oct. the main spur QRM'ed **R Cusco**, settling for a few days on 6203.4. By Oct. 7, the spur was back on 6201.3, but on Oct. 15, surprisingly enough, it was on 6200.7.

6242v R Superior, Peru, giving address as "Av. Marginal 206, Distrito de Pardo Miguel Naranjos, Provincia Rioja, Departamento San Martín", Aug. 10, 0115. This stn is adrift between 6235 and 6245 but announces 6250. Also heard in the morning. Beware of **Estación Yurimaguas** which is on 6237.9, altho not daily.

6259.2 Su Estación Fariana, Colombian clandestine, operated by the FARC guerilla, Jun. 30, 2200-2240, 20' prgr twice. Not heard at later dates.

6281.1 R Huancabamba, Peru, reactivated Oct. 11 after a lengthy silence. "We're still the No. 1 in Huancabamba", the DJ proudly asserted.

6360 R La V de Santa Cruz, Santa Cruz, Cajamarca, Peru, first noted Jun. 10, 0130, with gospel prgr. Tough copy due to RTTY. The move to **7050.3** early July was a great improvement. ID, Jun. 11: "Desde la ciudad de Santa Cruz transmite para todo el Perú y el extranjero R La V de Santa Cruz.." and, later, "emisora de alcance nacional e internacional". Sta. Cruz was labeled as "capital de la cordialidad".

H6400 Caracol Pasto, Colombia, regularly around 2200, since May. 5x1280.

6420.3 R Imperial, Huancabamba, Peru, ex-6544.7, Sept. 6, 1043. weak. Located thanks to tip by McVicar. DJ said programme "Mañanitas regionales" would start at 1100.

6498.8 Estación C, Peru, signs off early, usually 0030/0100. At 2300 there is a news bulletin whose name is reminiscent of their previous SW frequency, "Radioperiódico Patrullero 63-25".

6535.8 R dif Huancabamba, "nueva imagen radial", Peru, Jul. 27, 2332 testing with a 800 W "DAT Panamá" transmitter. Was on **3370.3** earlier, Mar. 18 being the first day of broadcasting, the DJ said. Reports requested from local listeners to Calle Unión 409. Reassuring statement from DJ: "Somos una radio completamente legal".

6557 R Estación Colonia, Yapacaní (Sta. Cruz), Bolivia, Sept. 4, 1225, very weak. - Heard as unid once in Apr. (Apr. 27) and again on Jul. 4. Definitely ID'd on Aug. 18 when audible from 2325 to s/off 0040. At s/off, canned ID: "Somos Radio Estación Colonia, desde Yapacaní, Santa Cruz, Bolivia".

6751.1 R San Ignacio, "desde la frontera", Peru, first noted Jun. 9, 2150, giving address as Jr. Mercado 218, "en la progresista ciudad de San Ignacio". Presently on **6747.2**.

6754.7 R La Merced, Peru, rare of late, Sept. 14, s/off 0108, ending "El Ecuador y sus canciones".

7050.4 R La V de Santa Cruz, first noted Jul. 27, s/on 2320z, announces their address as Av. Zarumilla 190, Santa Cruz (Cajamarca). Daily progr include "Peruanizando la noche" and "Ritmos cambiambéros".

7559.5 R Altura, Peru, has apparently left the air. Unheard since early Sept. Studios are next to the electricity plant of Huarmaca: "Si desea enviar comunicados, acérquese a los estudios de R Altura, cerca a la planta eléctrica del distrito de Huarmaca". Canned ID: "Huarmaca, tradición y palabra inca, proveniente del quechua, encantadora ciudad enclavada en los Andes piuranos, desde allí transmite R Altura" and, with a widely used slogan, for example by **R La Oroya**, 4904.7, "Radio Altura, un mensaje de amistad en los cielos del Perú". - The stn may have left SW for FM.

9674.8 R Del Pacífico, Peru, Aug. 12, 1958, with a regular Sat. feature called "Palabra de maestro", a nationwide educational programme, relayed by some 40 stations all over the country, some of which seem new to me (may be FM operations): **R RPP**, Huánuco; **R Arpegio**, Iquitos; **R Estudio Exitó 92**; **Marcona**; **R Bahía**, Mollendo; **R RPP**, Moquegua; **R Interandina**, Pisco (?); **R Star**, Piura; **R Prospera TV**, Pucallpa; **R Horizonte**, Puquio; **R Municipal César Vallejo Mendoza**, Santiago de Chuco; **R Star**, Tacna; **R Star**, Tumbes.

9705 R México Internacional well heard nightly around 0100 in Spanish with IMER programming, sometimes featuring relays from FM stn Opus 94. Asks for reports to Ap. Postal 21-300, CP 04021, México D.F.

9720.5 R Victoria, Peru, heard on this fq in // with 6018.3 since early June. Carries "La Voz de la Liberación" at all times except for three daily newscasts, local morning, noon, evening, called "Radioperiódico El Mundo". Slogans: "señal que hace radio", "una radio para todos". Certain programmes in // with **R Latina**, Lima, and **R Líder**, Chancay. Appears to be on the air 24 h/day.