

EDITORIAL

II DX-Camp Garopaba 2010

Esta Chegando o II DX-Camp Garopaba 2010, que será realizado na cidade de Garopaba-SC nos dias 22, 23 e 24 de Janeiro de 2010.

O LOCAL: O encontro será realizado no estacionamento do hotel Garopaba, um lugar espaçoso, reservado somente para o evento. O local vai ser coberto pois estaremos sujeitos a chuvas e ventos. Não vamos ter problemas de esticar nossas antenas já que o espaço é aberto e não vai atrapalhar ninguém, já que é um espaço reservado somente para os participantes.

O HOTEL: O hotel onde será realizado o encontro, não é o mais moderno da cidade, pelo contrário ele é bem simples, mais aconchegante. Ele é o maior da cidade, situado no centro histórico, e esta a 50 Mts da praia central e próximos a restaurantes e mercados. Possui um café da manhã que é uma maravilha, O proprietário deu total apoio para que esse encontro pudesse ser realizado. Mais detalhes sobre o hotel encontra-se no site www.hotelgaropaba.com.br

A CIDADE: Garopaba está situada no estado de SC à 90Km da capital Florianópolis sentido sul-litoral. Possui 9 belíssimas praias, sendo algumas as ideais para a prática do surf. A Praia central, é ideal para crianças já que ela não possui riscos nenhum por se tratar de uma praia muito mansa. A cidade possui cerca de 17.000 Habitantes, sendo que no verão ela passa de 100.000 Habitantes, sendo a maioria de turistas gauchos e argentinos. Só pelas belezas naturais que a cidade oferece, já é um grande motivo para os participantes vim a Garopaba, pois está programado escutas no alto do morro da igreja onde além de contar com o nível de ruído zero, estará fazendo dexismo num lugar lindo e belo onde ninguém vai esquecer. é só dar uma pesquisada no google que vai encontrar varias fotos e informação sobre a cidade.

OS VALORES: Os valores das hospedagem é a seguinte:

Casal ou duas pessoas com Ar condicionado: 155,00R\$*

Casal ou duas pessoas com ventilador de teto: 120,00R\$*

Simple com ar condicionado: 115,00R\$ *

Simple com ventilador de teto: 80,00R\$ *

Triplo com ar condicionado: 195,00R\$ *

Triplo com ventilador de teto: 160,00R\$ *

*Todos eles com um ótimo café da manhã.

Além disso, estou tratando com um restaurante para que seja feito um preço melhor para o almoço de Sábado e Domingo. Além disso esta programado um churrasco para Sábado a noite no local do encontro

AS RESERVAS: as reservas poderão ser feitas diretamente com o Renato que é o proprietário do hotel. Os telefones são os seguintes (48) 3254.3126 e (48) 9986.5146. Para quem quiser, envie um e-mail para mim que eu dou as orientações necessárias. É pedido na reserva, 30% do valor antecipado. **IMPORTANTE:** como o encontro vai ser realizado na alta temporada do turismo aqui em Garopaba, é importante ser feito as reservas com antecedencia, pois correrá o risco de ter que pagar um valor maior, sem falar que vai estar em um lugar diferente de onde vão estar os demais participantes. Acredito que antes mesmo do natal, não tera mais vagas para o período que será realizado o encontro.

POR QUE PARTICIPAR: Todos sabem da importância dos DX-Camps realizado durante o ano em nosso país. Temos alguns conhecidos organizados pelo DXCB. Este encontro vem a somar aos demais pois é no Dx-Camp que conhecemos pessoalmente muitos dos colegas que trocam informações somente pela internet. É a oportunidade de rever os amigos dexistas que moram distantes e só podem se encontrar nesses encontros. Para os novatos, é a chance de aprender e crescer no hobby. Para os mais experientes, é a chance de ensinar aos mais novos. É a oportunidade de testar novas antenas, fazer novas escutas, Conseguir novos QSL. É a chance de fazer novas amizades, trocar idéias, mostrar os nossos equipamentos e QSL aos demais amigos. Enfim, Só temos a ganhar com esses Dx-camp, e a minha intenção é fazer com que o Dx-camp Garopaba entre no calendário anual dos grandes encontros, e isso depende muito de cada um de nós.

PROGRAMAÇÃO: A programação é a mais objetiva possível. Escutar rádio, praticar o dexismo e fazer amizades. Não teremos palestras, visitas ou coisa parecida. É claro que cada um estara livre para conhecer a cidade, ir a praia, e fazer o que bem entender. Também vai depender muito das condições climáticas, mais pretendo levar os participantes ao alto do morro que fica a 10 minutos do hotel caminhando, para passar a tarde fazendo dexismo no local. Também está previsto o almoço de sábado e domingo em um restaurante e um churrasco no sábado a noite.

O QUE SINTONIZAR: Tudo que o participante imaginar. Ondas longas, Ondas médias, Ondas Tropicais, Ondas Curtas em geral, Fm Esporádica. Destaques para as TEP, onde é quase certo que mutas emissoras caribenhas será ouvida nesse encontro. O importante é mencionar que o local é livre de ruído

Para os que estão interessados em participar do encontro, e tiverem duvidas, escrevam para mim que passarei todas as informações necessárias. meu e-mail é andersonboegas@gmail.com

Desde já agradeço a atenção de todos



NAVEGANDO AS ONDAS DO RADIO

Um espaço reservado a todos aqueles que possuem uma ligação afetiva com o rádio, principal e especificamente por difusão através de RF...

ADALBERTO MARQUES DE AZEVEDO

Após um breve período de ausência neste Boletim, retorno agora, procurando refazer a roupagem da apresentação do material que periodicamente postava nesta revista eletrônica.

A mudança se fez necessária, por estar segmentando muito o material, sob a obrigação de tratar exclusivamente de Ondas Tropicais.

Agora, pretendemos falar de maneira mais livre e sem estar preso a apenas uma determinada faixa de escutas, tal como antes.

O "Navegando" agora não se refere somente às Ondas Tropicais, mas sim a todas as Ondas do rádio...

Espero que gostem, e tal como antes, estaremos abertos a todos os comentários e críticas que nos cheguem através do endereço de E-Mail: Adalberto.azevedo@gmail.com

ESTUDO E PESQUISA

O dexista Jorge Freitas, de Feira de Santana – BA, escreveu um texto sobre o cartão QSL, a qualidade do conteúdo, nos levou a selecioná-lo para ser divulgado pelo nosso boletim.

A IMPORTÂNCIA DO QSL.

Jorge Freitas

Feira de Santana - BA

Em minha opinião a maior recompensa na prática do dx é sem dúvida alguma a escuta de uma emissora de difícil sintonia. Quando isso vem acompanhado de testes com antenas então... Sim, o que eu chamo de um verdadeiro DX! Sem dúvida alguma uma outra particularidade do dexismo é a obtenção do cartão

QSL. Eu mesmo tenho a maior curiosidade em ver as coleções dos colegas Samuel Cássio, Rudolf, Ivan Dias, Rúbens, Adalberto, dentre outros. O cartão QSL é a recompensa material, o esforço visível em nossas mãos de nossas escutas, além de ser altamente atrativo na explicação da prática de nosso hobby a outros. Como me lembro durante os anos que iniciei o dexismo da expectativa do carteiro chegar (interessante é que essa sensação não desaparece com o tempo, que diga os relatos do Adalberto e do Rúbens), e nos deixar diversos envelopes e a ansiedade era tanta que não sabia qual abrir primeiro. Os brindes, os postais, selos, flâmulas, bonés, camisetas, canetas, marcadores de livro, discos (lá no século passado, rsss), CDs e até mesmo rádios, como o exemplo do colega Adalberto que ganhou um da VOA, são motivos de sobra para a continuidade da prática do dexismo e sobre todos eles o cartão QSL é o principal desejo e anseio de todos nós. Tem o seu shack arrumado, organizado, correspondências arquivadas, material de consulta a alcance das mãos, gravações arquivadas em ordem, cartões QSLs em álbuns? Então você é "um grande expositor e publicador de nosso hobby" e "precisa" compartilhar isso com outros através de blogs, levando esse material a encontros DXs e de radioamadores em sua localidade. Não há dúvida que nosso hobby é extremamente gratificante e não se resume apenas em solitárias e sinistras escutas nas madrugadas. E o cartão QSL é sem sombra de dúvida, pela bela apresentação visual que tem, o principal meio da realização de nossas escutas e da promoção de nosso hobby. Hoje a obtenção do cartão QSL se tornou até bem mais em conta com a possibilidade na maioria das vezes do envio do relatório de recepção através do e-mail. Também temos como ajuda os tradutores on-line na internet que nos auxiliam na elaboração de um relatório em outro idioma (o Adalberto já enviou até mesmo um relatório de recepção em chinês com a ajuda desses tradutores on-line). A utilização de tradutores on-line para a elaboração dos relatórios de recepção é um assunto que eu irei dá umas dicas mais a frente, pois exige umas técnicas, pois os tradutores são imperfeitos e se não tivermos a devida cautela ao chegar às mãos dos responsáveis na rádio eles podem não entender absolutamente nada. Sem dúvida os cartões QSLs recebidos são a mostra visível das divisas de patente do dexista. Taí uma boa sugestão para o próximo encontro nacional ou local, a divulgação da exposição das coleções de cartão QSL nesses locais para a divulgação do dexismo. Ainda vou escrever mais sobre esse assunto, apesar de particularmente está em déficit com essa modalidade e ainda trago a tristeza de ter perdido todo o meu material antigo sobre DX, inclusive os cartões QSLs. Um outro assunto muito interessante e

que eu também tenho paixão são as gravações das escutas, também um assunto para depois. Quem não tem aquela sensação, o prazer, a alegria, a exaltação quando na realização de uma difícil escuta? Com certeza todos nós que somos dexistas (opa! Olha a pretensão, rsss). Essa sensação somente é repetida e em certas condições até mesmo muito mais ampliada, quando recebemos aquele importante cartão QSL. Portanto mãos a massa e enviemos relatórios de recepção às emissoras e vamos colocar cores no prazer que a paixão a esse incomparável e maravilhoso hobby nos proporciona. Um abraço e boas escutas,
Jorge Freitas – Feira de Santana - BA

Sempre que possível, estaremos apresentando nesta seção, um artigo de caráter mais técnico, tratando de antenas de recepção, receptores ou equipamentos auxiliares ao dexista. Neste número apresentamos uma reedição do artigo que fala sobre a antena EWE.

A ANTENA EWE, SEM MISTÉRIOS

Adalberto Marques de Azevedo

Barbacena - MG

Como se monta uma EWE.

A antena EWE, é uma antena externa, projetada para trabalhar especificamente em Ondas Médias onde apresenta a melhor performance, mas também apresenta um desempenho até aceitável em Ondas Tropicais e um pouco menor em Ondas Curtas.

A EWE foi originalmente criada pelo radioamador Norte Americano Floyd Koontz, em 1995, o qual desenvolveu esta antena para trabalhar especialmente nas bandas de 160 e 80 metros.

EWE é uma palavra que em inglês significa ovelha, pois o autor utilizou a similaridade da pronuncia da palavras em inglês, para designar a forma da antena.

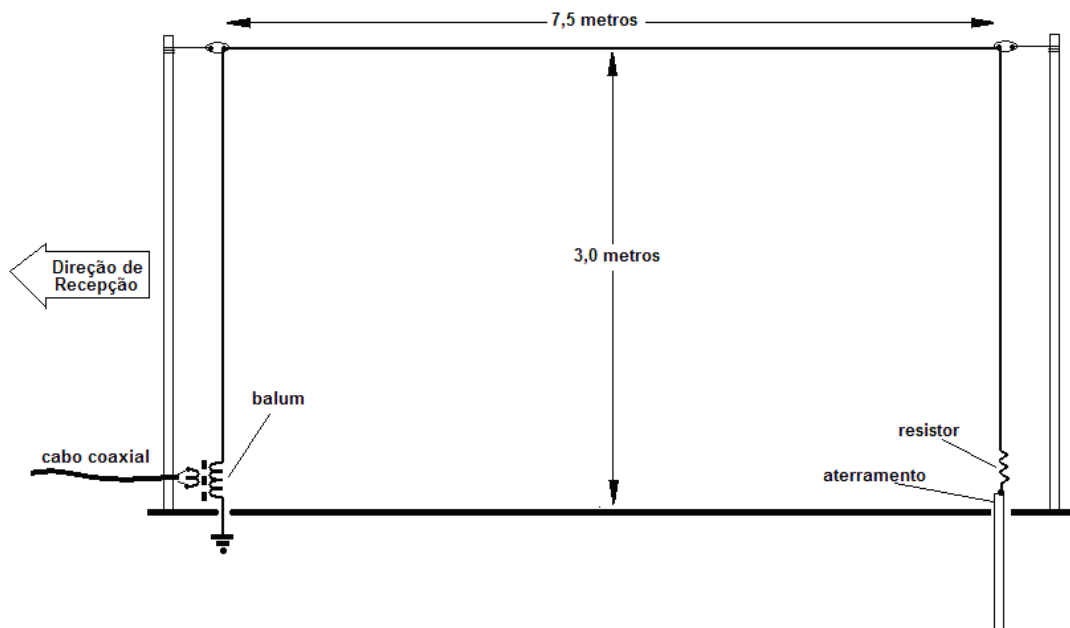
Trata-se de uma soberba antena para se trabalhar ondas médias que apresenta a característica de não apresentar um sinal muito alto em relação a uma Long-Wire ou as demais antenas externas similares, mas em compensação o seu nível de captação de ruídos é praticamente zero e a sua direcionalidade lhe proporcionam condições muito superiores às demais mencionadas.

Com esta antena, mesmo com um sinal baixo se consegue captar com clareza e nitidez, facilmente demodulando, emissoras muito distantes e de baixa potência que transmitem em Ondas Médias.

Ela é na realidade um “U” invertido, com altura de três metros e comprimento de 7,5 metros, com sua terminação aterrada através de um resistor e sua alimentação conectada ao receptor por meio de um balun acoplador.

A EWE, por suas características construtivas, é uma antena muito diretiva, e a sua direção de recepção é exatamente no sentido onde está conectado o balun que faz a ligação do cabo coaxial.

No desenho seguinte vemos como é feita a sua montagem.



Descrição do seu princípio de funcionamento.

À primeira vista julgamos que a EWE assemelha-se a duas antenas verticais, dotada de um plano diretor horizontal, mas o seu funcionamento é bem diferente disso.

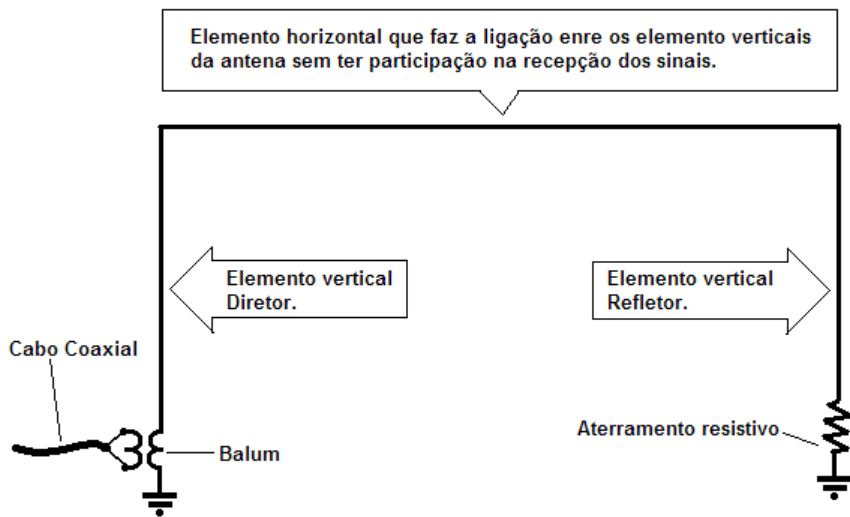
Nesta antena, o fio horizontal atua apenas como uma linha de alimentação entre os condutores verticais, tendo um desempenho insignificante na recepção.

O elemento vertical onde se encontra o sistema de aterramento resistivo, atua como refletor da antena e por consequentemente o elemento diretor é aquele onde está conectado o balun.

Em função deste arranjo mecânico, a antena apresenta uma excelente direcionalidade, devido a um comportamento eletromagnético resultante da ocorrência de três fenômenos, fenômenos estes que ocorrem de maneira combinada e simultânea quando a antena está em ação.

Estes três fenômenos são o defasamento entre os dois elementos verticais, a diferença de corrente entre eles e o fator de velocidade menor no refletor. Falaremos agora em detalhes sobre isso.

Para entendermos melhor isso vemos no desenho seguinte as partes básicas desta antena.

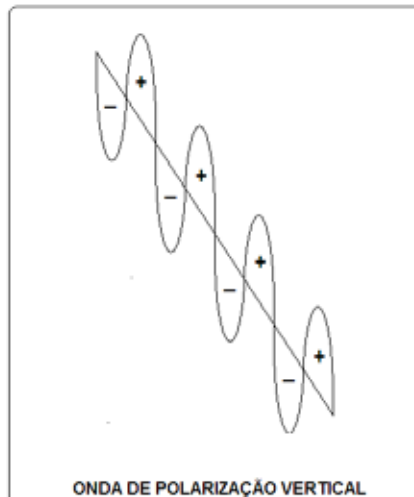
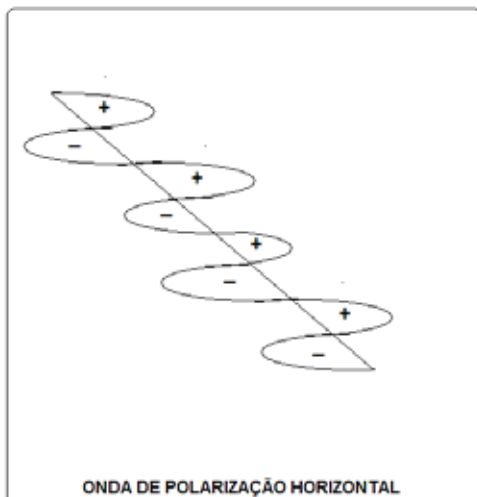


Mas falemos então dos três fenômenos que ocorrem no funcionamento desta antena, que são:

O primeiro fenômeno ocorre porque os dois elementos verticais da antena não são alimentados inversamente, enquanto o elemento refletor, recebe alimentação pela parte superior, através do fio horizontal e o elemento diretor é alimentado na parte inferior, onde se encontra o balun. Esta diferença de alimentação resulta em um defasamento de 180 graus entre estes dois elementos.

Vamos trocar isso em miúdos de maneira mais fácil.

As ondas de RF emitidas pelas emissoras de rádio, podem ser polarizadas verticalmente ou horizontalmente. De uma maneira gráfica, para facilitar o entendimento deste conceito, podemos desenhá-las do seguinte modo:



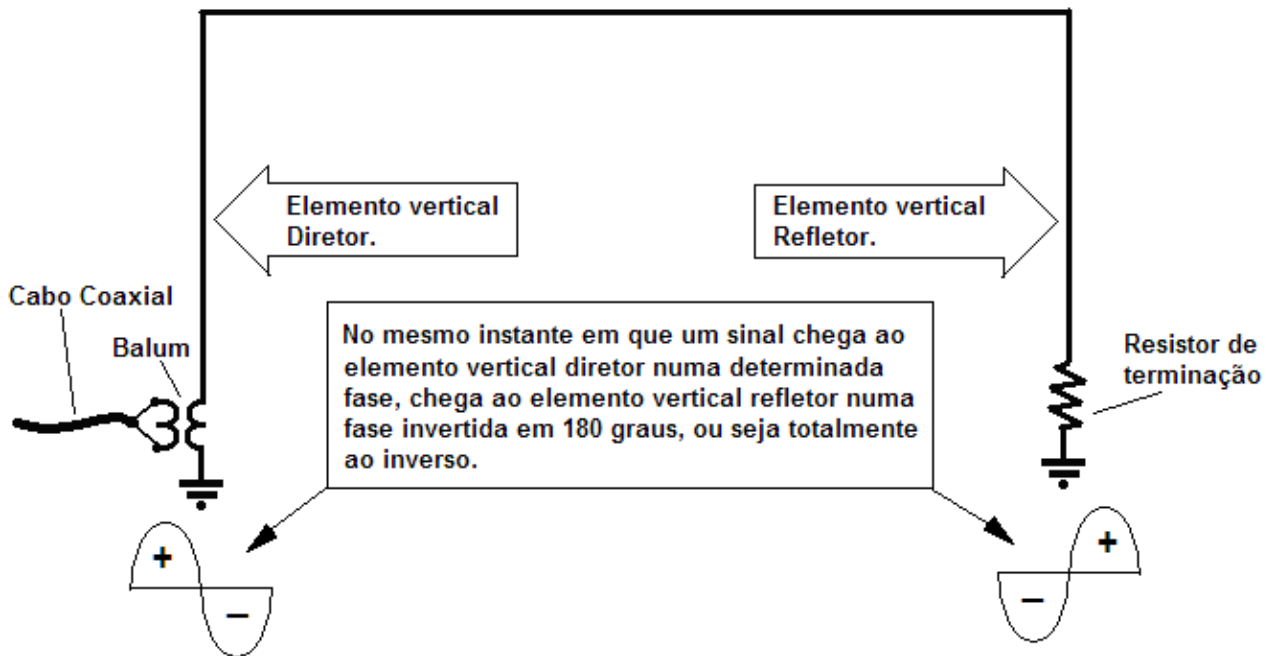
Sabemos porém, que a EWE é uma antena, projetada para trabalhar em Ondas Médias, e as emissões em Ondas Médias tem como característica serem sempre de polarização vertical, pois em Ondas Médias as antenas transmissoras das estações são as próprias torres, montadas verticalmente, o que resulta nesta polarização do sinal emitido.

É por isso que o projetista da EWE colocou o elemento diretor e o elemento refletor da antena, montado na posição vertical, para estarem perfeitamente aptos a captarem transmissões polarizadas desta maneira.

Ocorre, que, como ele alimentou o elemento diretor na parte inferior e o elemento refletor na parte superior, estes elementos apresentam inversão de fase no mesmo espaço de tempo.

Vamos então falar de maneira mais fácil sobre essa tal inversão de fase dos elementos e o que isso faz no comportamento da antena.

A maneira mais fácil de se entender esta inversão de fase nos elementos será através de um desenho, o que apresentamos em seguida.



Isso ocorre devido aos pontos de alimentação invertidos entre estes dois elementos.

Como podemos ver pelo desenho, no mesmo instante em que o sinal é Positivo no Diretor, está negativo do refletor e como sabemos, pelos números relativos, que sinais diferentes nos mesmos valores absolutos se eliminam, por exemplo: + 5 e - 5, +15 e -15, +9 e -9 resultará sempre em zero.

Está nisso a explicação de um dos fenômenos que causa a eliminação dos sinais de costas da EWE.

Falemos agora do segundo fenômeno de ocorrência simultânea.

No elemento refletor, a corrente da antena é menor de 65 a 70% que no elemento diretor, causando uma atenuação do sinal que pode chegar á 8 dB, na relação frente/Costa. Isso causa o efeito da antena captar mais no sentido do elemento diretor e praticamente não receber sinais no sentido do elemento refletor.

Isso ocorre por uma coisa até bem simples de se entender, que é a diferença com que se promove a fluidez do fluxo de corrente da RF recebida para a terra.

Como vimos, no elemento diretor, a ligação á terra é feita através de um balun, para permitir a ligação do cabo coaxial que leva o sinal ao receptor. Já no elemento refletor, a ligação á terra é feita através do resistor de terminação.

O balun é uma impedância indutiva que opõe maior obstáculo á passagem da corrente que a resistência pura que existe no resistor de terminação.

Fazendo uma analogia, poderíamos comparar, estes dois dispositivos á tubos de água, sendo o balun um tubo mais fino e o resistor um tubo mais grosso.

Se tivermos de passar a mesma quantidade de água pelos dois tubos, o tubo mais fino levará muito mais tempo para escoar a água que o tubo mais grosso.

É assim que a corrente flui para a terra com maior facilidade pelo elemento vertical refletor (que tem um resistor), que pelo elemento vertical diretor (que tem uma bobina).

Aquele que faz o fluxo ir para a terra mais rapidamente, elimina primeiro o sinal, e este é o elemento refletor que fica nas costas da antena.

O terceiro e último fenômeno simultâneo, no funcionamento da EWE, ocorre no resistor de terminação que liga o elemento refletor ao aterramento pois este resistor causa uma variação no fator de velocidade da onda no refletor. E esta variação é inversamente proporcional ao valor da resistência, ou seja, quanto maior a resistência, menor será o fator de velocidade da onda no refletor e vice-versa.

Como a velocidade da onda no refletor é sempre maior que no diretor, ele acelera ainda mais a eliminação do sinal.

Estes três comportamentos eletromagnéticos, fazem com que se produza um ponto zero na parte de trás da antena (lado do refletor), extinguindo o sinal de costas que poderia interferir na recepção.

Porém, esta eliminação dos sinais, somente será possível, com a perfeita adequação dos valores dos componentes da antena e desde que após a montagem da antena, o aficionado, realize testes e vá encontrando o valor mais apropriado para o resistor de terminação, bem como um perfeito acoplamento através do balun no elemento diretor, só com isso poderá conseguir valores de atenuação que poderão chegar, teoricamente, a 35 dB.

O Resistor de terminação da antena EWE

Como já vimos na descrição da antena, feita até aqui, o elemento refletor, vai ligado a um aterramento através de um resistor de terminação.

Este resistor, tem suma importância no funcionamento da antena, e para determinar o seu valor, não existe um parâmetro fixo, um valor de resistência determinado que poderá ser utilizado em todas as antenas que forem montadas.

O montador deverá partir de um valor básico médio, determinado pela experiência adquirida pelos seus precursores, mas terá de ir experimentando valores menores e maiores até conseguir chegar ao valor ideal para a sua antena.

Pois no caso da antena EWE este resistor tem um valor para cada caso, ou melhor para cada local onde a antena será instalada.

Isso ocorre porque o que determinará o seu valor, será a resistividade do solo do local onde a antena irá ser montada.

Os solos com menor condutibilidade resulta num menor fator de velocidade da onda ao percorrer o refletor e os solos mais condutivos aumentarão este valor de velocidade; assim sendo o valor da resistência de terminação de verá ser adequado ao solo onde ela irá guiar o fluxo de RF a ser desviado para terra.

Outra coisa que influencia no valor deste resistor é o tamanho da antena. Caso o montador faça a opção de trabalhar com uma antena de tamanho diferente, o resistor também sofrerá variação em seus valores.

Um terceiro fator que também influencia o valor do resistor, é a posição da alimentação do cabo coaxial, que no nosso desenho mostramos como sendo feito na parte inferior do elemento diretor, mas que poderá ser modificado, pela experiência no local, para a alimentação pelo lado superior deste elemento.

Para se determinar o valor correto deste resistor, deverá ser tomado em conta não o sinal de recepção mas sim a atenuação do sinal que está sendo recebido pelas costas da antena.

Conecta-se um potenciômetro linear de 2K2 (2.200 Ohms) no lugar do resistor, sintoniza-se o receptor em uma emissora, conhecida e posicionada às costas da antena e vai se variando o valor do potenciômetro até que se consiga eliminar totalmente o seu sinal ou ao menos diminuí-lo consideravelmente a ponto de não mais interferir nos sinais recebidos pela frente.

Neste teste, nunca usar potenciômetros logarítmicos pois por suas características tornarão o teste e o ajuste muito difícil.

Conseguido o resultado esperado, desconecta-se o potenciômetro, sem alterar o seu curso, efetua-se a medição do valor ôhmico em que ele está ajustado e o substituímos por um resistor fixo neste valor. Muitas vezes, o valor encontrado é diferente dos valores comerciais de resistores e assim temos de fazer associações série/paralelo de resistores até conseguirmos o valor desejado.

Nesta versão de EWE, com 7,5 metros de comprimento por 3,0 metros de altura, existe uma experiência acumulada que indica alguns valores prováveis de serem encontrados nestes testes, porém são apenas valores indicativos, pois a constituição de cada solo pode variar muito estes valores.

Mas mesmo assim apresentamos estes valores típicos para esta dimensão de EWE.

EWE para Ondas Tropicais – faz-se a sintonia de emissora próxima a 3.650 kHz para fazer o teste.	
Valores prováveis do resistor	
Em Solos de condutibilidade pobre	De 1.000 a 1.600 Ohms
Em Solos com boa condutibilidade	De 800 a 1.000 Ohms
Em Solos com excelente condutibilidade	De 600 a 800 Ohms

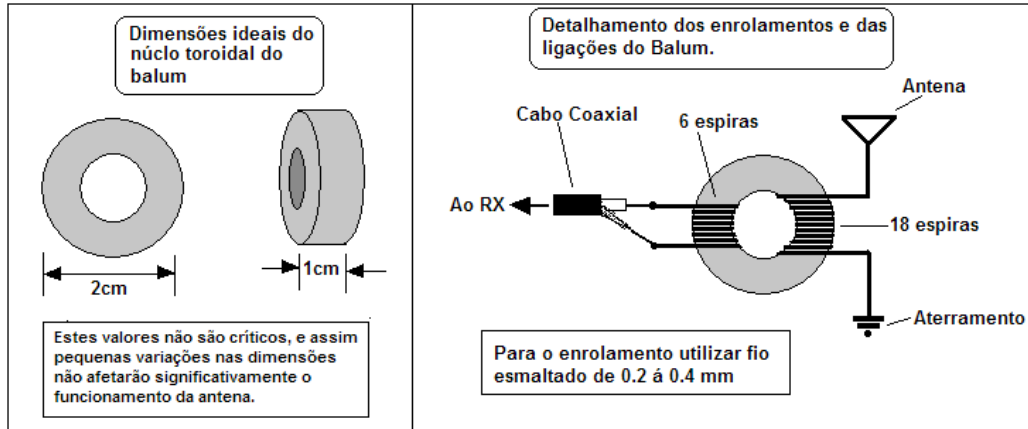
EWE para Ondas Médias – faz-se a sintonia de emissora próxima a 1.120 kHz para fazer o teste.	
Valores prováveis do resistor	
Em Solos de condutibilidade pobre	De 1.200 a 1.700 Ohms
Em Solos com boa condutibilidade	De 900 a 1.200 Ohms
Em Solos com excelente condutibilidade	De 600 a 900 Ohms

O Balun de acoplamento do Cabo Coaxial

Como vimos no desenho de montagem da EWE, é necessário a instalação de um transformador de impedâncias para se fazer a conexão do cabo coaxial à antena.

Isso é necessário porque a EWE possui uma impedância que pode variar de 300 a 700 ohms no seu ponto de alimentação e precisamos efetuar o casamento adequado desta impedância alta, com a baixa impedância de entrada de nossos receptores que fica em torno de 50 à 75 Ohms.

Este transformador, conhecido comumente como balun, é montado conforme discriminamos no desenho seguinte com todos os detalhes necessários.

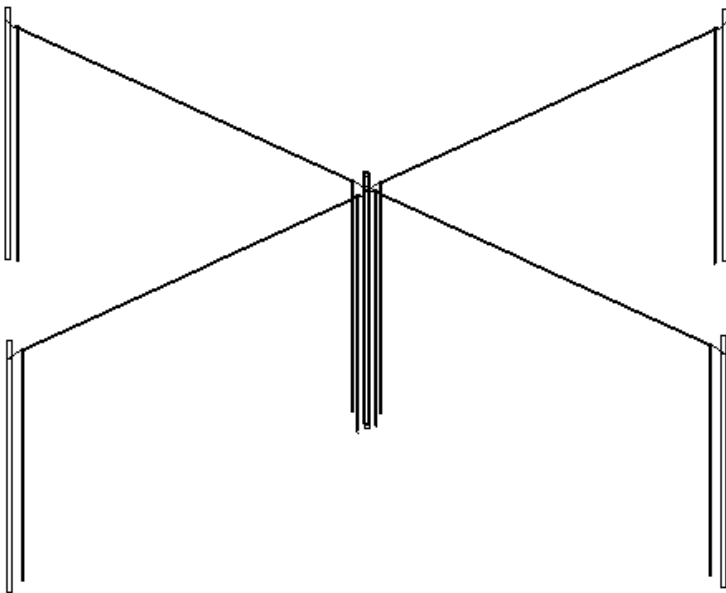


Outras versões da EWE

O autor da EWE, em seu projeto, descreve outra versão desta antena, alterando o comprimento do fio dos elementos verticais para cinco metros, demonstrando que com isso aumenta o ganho da antena entre 2 a 4 dB. Da mesma maneira, o comprimento do fio horizontal também pode ser alterado sob experiência.

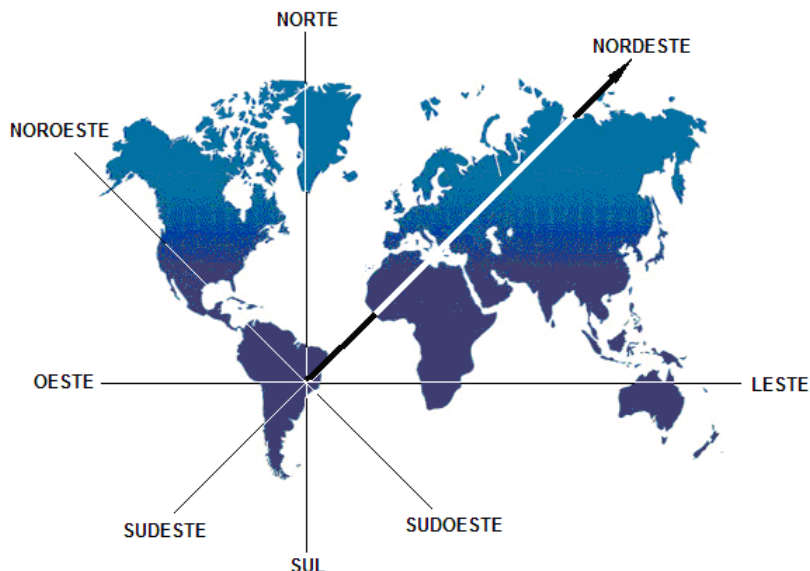
Mas existem outras maneiras de se montar a EWE, com duas antenas em série ou também em paralelo.

A maneira mais eficiente para se montar um dispositivo completo para escutas de Ondas Médias, utilizando a EWE, é através da montagem de quatro antenas, dispostas em Cruz, tal como mostramos no desenho seguinte. Com esta montagem o aficionado consegue obter escutas de todos os pontos cardeais com muito clareza e nitidez.



Direcionamento da EWE

Nesta questão de direcionamento, tomo como base a minha posição geográfica, situada na Região sudeste do Brasil, e relacionando esta minha posição no mapa mundi, vejo, conforme a figura abaixo, que se for montar apenas uma antena EWE, deverei direcionar a mesma para o nordeste, pois assim terei na mira da antena as estações do Norte da África, da Europa e da parte norte da Ásia.



O nível de sinal e a largura de banda da EWE.

Se o dexista está interessado em receber um sinal maiúsculo no S-Meter de seu receptor, esta não é a antena mais indicada, pois ela não apresenta exata condição. É uma antena que apresenta sinais médios e baixos normalmente, porém pela sua capacidade de ser uma antena silenciosa, sem a captação de ruídos interferentes, permite a realização de excelentes escutas, de estações de Ondas Médias distantes e de baixa potência.

Se compararmos uma EWE a uma antena Long-Wire de 20 metros de comprimento, veremos que a EWE apresenta 5 a 10 dB a menos de ganho que a long-Wire, mas enquanto a LW apresenta um altíssimo nível de ruído, a EWE se apresenta muito silenciosa nas mesmas frequências, e desta maneira permite uma escuta muito melhor, com mais clareza e nitidez, mesmo com um sinal bem mais fraco.

Uma outra comparação, já executada por dexistas europeus, foi entre a EWE e uma Beverage reduzida com 70 metros de longitude e montada a 1,2 metros do solo. E neste teste, com ambas antenas direcionadas para a Ásia, obtiveram-se níveis de sinal e ruído idênticos entre elas, mostrando que apesar de seu tamanho bem menor a EWE se mostrava uma excelente antena.

A EWE é uma antena de banda larga, tendo uma faixa de ressonância que atinge uma margem bem elástica de frequências. Mesmo sendo projetada para trabalhar em Ondas Médias, ela apresenta um excelente desempenho em Ondas Tropicais, e mesmo em frequências mais altas. A EWE, neste comprimento de 7,5 metros, apresenta a capacidade de manter o direcionamento e iniciar sua ressonância em torno de 150 kHz, cobrindo continuamente até a banda de 31 metros.

Para minimizar o seu efeito característico de receber sinais baixos.

Um recurso adicional que pode ser utilizado em conjunto com a EWE, é um amplificador de RF, montado para Ondas Médias, o que lhe acrescenta uns 7 a 8 dB de ganho.

Bibliografia

Livro "Low-Band DXing", de John Devoldere, USA, 1999

Artigo "Lä EWE en el jardín" de Michael Schnitzer, Alemanha - <http://home.arcor.de/mschnitzer/EWE-Spanish.htm>

Artigo "Is this EWE for You?", de Floyd Koontz – Revista QST Volume 79, 1995

BAND SCAN

Caros amigos, como o DX Clube do Brasil, criou uma lista exclusiva para o registros dos LOGs que poderão ser acompanhados em tempo real, acreditamos que esta nossa seção Band Scan perdeu a sua principal finalidade, que era a de manter um banco atualizado e recente de LOGs para ser utilizado pelos dexistas.

Agoreia, através da lista DX_LOG_BRASIL, nossos dexistas terão estas informações de escutas efetuadas numa velocidade muito maior que poderíamos fornecer através do @atividade DX; e assim iremos parar de publicar relações de LOGs nesta seção, pois isso seria a duplicação de um mesmo serviço e ainda com a agravante de ser executado com uma atualização mais morosa que a nova lista.

Neste espaço, passaremos a comentar alguns LOGs significativos que tenhamos recolhido no período.

E vamos ao material desta semana, que trata de uma DX Camp muito interessante e produtiva.

O dexista Don Moore, realizou uma DX Camp perto de Brighton, em Michigan, E.U.A., nos dias 06 a 08 de novembro de 2009. Neste evento utilizou um receptor: Eton E-1, com quatro antenas - uma 160 metros NE BOG, uma 120 metros N BOG, um de 12 x 6 metros loop Conti, e uma espiral vertical. Também tinha um SDR-IQ e laptop que foi usado para fazer uma série de gravações de 190 kHz de largura. Eis a relação de escutas efetuadas nesta DX Camp:

BOLIVIA 4716.6 Radio Yura 4716.6 0110-0114 Presumed w/ OM/YL talk interspersed with bits of Andean mx. Threshold level. (Moore 08 Nov)

BRAZIL 4915 Rdif Nacional de Macapa 2257-2304 Pop mx, ID w/ FQs at 2303. Nice signal but reception destroyed by the swisher. (Moore 07 Nov)

BRAZIL 4925.24 Radio Ed. Rural Tefe 0118-0130 Long ad string then ID at 0129. Poor. (Moore 08 Nov)

BRAZIL 5035 Radio Aparecida 0350-0352 Presumed w/ Portugues Catholic religious talk. Fair. (Moore 08 Nov)

BRAZIL 5045 Radio Cultura do Para 0132-0140 Brazilian pops, ID w/ FM frequency. Good. (Moore 08 Nov)

BRAZIL 10000 Observatório Nacional 2221-2231 Time pips, anmts, ID under WWV. Fair. (Moore 07 Nov)

BURKINA FASO 5030 Radio Burkina 2157-22006 Presumed w/ OM/YL in French, African mx. Good. (Moore 07 Nov)

CANADA 9625 CBC Northern Service 1159-1202 ID and CBC nx. Good (Moore 07 Nov)

COSTA RICA 2859.6 Radio San Carlos 2356-0011 pop mx, program promos, e.g. "el programa Happy Weekend" for kids. Several IDs. (Moore 07/08 Nov)

CUBA [non [non]] 6000 Radio Havana 0326 English w/ program anmts & web address. Exc. (Moore 07 Nov)

DJIBOUTI 4780 Rdif Djibouti 2054-2101 Presumed w/ mx, YL anmts, anthem and then off. Fair. (Moore 06 Nov)

EGYPT 6290 Radio Cairo 0330 Presumed w/ Arabic mx. Fair. (Moore 07 Nov)

EQUATORIAL GUINEA 5005 Radio Bata 2109-2145 Best signal ever hrd from this one. Listened to off-and-on for 35 minutes. Local mx, OM/YL talk. Clear IDs at 2139, 2141. (Moore 07 Nov)

HONDURAS 3250 Radio Luz y Vida 0038-0044 Fair w/ saludos (greetings) from local people to family/friends in Tegucigalpa. Fair (Moore 08 Nov)

INDIA 4750 AIR Hyderabad 0052-0107 Presumed w/ OM talk, mention Hyderabad, Indian mx. Fair (Moore 07 Nov)

MAURITANIA 4845 Rdif Mauritanie 2305-2309 Presumed w/ French nx & mentions of Mauritania. Good w/ swisher. (Moore 07 Nov)

MEXICO 6010 Radio Mil 1048-1055 w/ ID & pop mx including title track from "Limon y Sal" album by Julieta Venegas (great album) (Moore 08 Nov)

PERU 4790 Radio Vision 0044-0103 w/ nice program of huaynos. ID by YL at top of hour then into canned pgm "La Voz de la Salvacion". Fair w/ swisher. (Moore 08 Nov)

PERU 4825.47 La Voz de la Selva 1057-1104 OM talk w/ mentions of an iglesia (church - this is a Roman Catholic stn) & of Iquitos. Poor w/ heavy swisher QRM. (Moore 08 Nov)

PERU 4835.4 Radio Maranon 0105-0109 Peruvian cumbias, Man in Spanish. Presumed with poor signal. (Moore 08 Nov)

PIRATE 6925 Liquid Radio 2122-2131 Electro pop mx, ID. (Moore 07 Nov)

PORTUGAL 15560 Radio Portugal 1542-1548 Portuguese vocal mx & anmt about upcoming soccer coverage on Sunday. Exc. (Moore 07 Nov)

TADJIKISTAN 4765 Dushanbe 0114-0132 Presumed w/ Mideastern style mx. Fair signal. (Moore 07 Nov)

4975 Voice of Russia 1755-1802 First believe in Russian but then into English at 1758 with English ID. Weak but steady signal. First noted prior to 1730. Amazing to pick this up at local noon. Tnx Liz Cameron for pointing this out. (Moore 07 Nov)

TUNISIA 12005 Rdif Tunisienne 1935-1939 Weak with Arabic talk // 9725 (Fair) (Moore 07 Nov)

USA 5050 WWRB 0159 Hymn, ID. Good. (Moore 08 Nov)

UNID 6110 UNID 1122 - Didn't bother to try to figure out who this was, but tuned by to hear someone in Spanish say "Stamp collecting isn't like futbol. Every kid needs stamps and a pair of tweezers." I'm glad he cleared up the difference. (Moore 08 Nov)

UNKNOWN LOCATION 7425 VT Communications 1140-1144* w/ soft mx & English anmt that this is a test transmissions & to check website at www.vtplc.com/communications for more information. Of course, no schedule or site info. Fair. (Moore 08 Nov)

LONGWAVE BROADCAST

UKOGBANI 198 BBC 0252-0259 Interview program & BBC ID at 0259. Fair with some beacon QRM. (Moore 08 Nov)

IRELAND 252 Radio One 0259-0303 ID & nx. Fair and mostly on top of Algeria. (Moore 08 Nov)

ALGERIA 252 RTVA 0259-0303 YL in French. Fair signal but not strong enough to compete with Ireland. (Moore 08 Nov)

HF Beacons

3451 "OK" 0316 Good w/ CW ID (Moore 07 Nov)

4077 "MO" 0324 Good w/ CW ID (Moore 07 Nov)

UTILITY

BRAZIL 6649 Atlantcio ATC (Recife) 0315-0319 Traffic. Fair. (Moore 08 Nov)

SENEGAL 6535 Dakar ATC 0320 Traffic w/ Air Italia flight. Good (Moore 08 Nov)

SUDAN 8894 Khartoum ATC 0220 Tfc w/ Unid Aircraft. Poor. (Moore 08 Nov)

CHAD 8894 NdJamena ATC 0240 Tfc. Poor (Moore 08 Nov)

CARTÃO QSL DA RRI PARA NOVEMBRO DE 2009

A Rádio Romênia Internacional, estará brindando os radio escutas que lhe envirem informes de recepção durante o mês de novembro de 2009, com um lindo cartão QSL, com uma foto de um receptor Galena, de fabricação sueca, que data de 1927.

A RRI apresenta, o seguinte esquema de transmissão, em espanhol, no período B09:

De 20.00 às 21.00 UTC, nas frequências de 7.375 kHz e 9.620 kHz

De 22.00 às 23.00 UTC, nas frequências de 6.070 kHz e 9.575 kHz

De 00.00 às 01.00 UTC, nas frequências de 5.960 kHz, 9.525 kHz, 9.665 kHz e 11.960 kHz

De 03.00 às 04.00 UTC, nas frequências de 6.140 kHz, 9.635 kHz, 9.765 kHz e 11.825 kHz

O endereço postal da emissora é Str. General Berthelot, nr. 60 - 64, RO 010171, Bucuresti, Romania

E o seu endereço eletrônico (E-Mail) é span@rri.ro

Na figura seguinte vemos o mencionado cartão QSL da RRI.



DX CLUBE DO BRASIL CRIA NOVA LISTA

O DX Clube do Brasil, criou uma lista exclusiva para divulgação de LOGs em tempo real, o que irá ajudar muito o trabalho dos dexistas brasileiros.

Nesta lista, DX_LOG_BRASIL poderão ser informados as condições de recepção, frequência, hora UTC da captação, e eventuais comentários sobre a propagação no momento da captação.

NOVO SERVIÇO NA RÁDIO AUSTRÁLIA.

A Rádio Austrália Internacional, iniciou, no dia 09 de novembro passado, um novo serviço direcionado á Birmânia, neste idioma nacional.

Hanh Tran, Chefe executivo da emissora, em seus comentários sobre o novo e recente serviço lançado, informou que a escolha de emissões em ondas curtas, ocorreu porque após uma pesquisa eles verificaram que a internet tem muito pouca penetração na Birmânia e a população local possui muitos receptores portáteis de rádio, um veículo muito difundido no país. Este novo serviço da Rádio Austrália Internacional, em Birmanês, é apresentado diariamente, nas frequências de 12.010 kHz e 17.665 kHz, sendo iniciado com um noticiário de 15 minutos, ás 05:30 horas local.

Fonte: australianetworknews.com

QSLs QUE CHEGARAM APÓS, ATÉ SETE ANOS...

O dexista Wendel Craighead, de Prairie Village, no Kansas, USA; ficou tremendamente surpreso, ao receber pelo correio diversas correspondências de emissoras, lhe enviando cartões QSL referentes á informes de recepção que ele havia enviado sete anos antes...

Ele recebeu cartões QSL da DENGME MEZOPOTAMYA, VOICE OF OROMIYAA, VOICE OF LIBERTY ERITREA, QUE HUONG RADIO, RADIO FREE VIETNAM, RADIO VOICE OF ENUF e FREE SOUTH CAMEROONS.

Os informes de recepção haviam sido enviados (em bloco) para o TDP, P.O. Box 1, B-2310 Rijkvovorsel, na Bélgica(Via Cumbre DX).

ESQUEMA DE MISSÕES (B09) DA ALL ÍNDIA RÁDIO

Já pode ser encontrado na internet, todo o esquema de em issões da All Índia Rádio para o período B09, o qual pode ser pesquisado, por ordem de frequências no endereço <http://alokeshgupta.googlepages.com/freq.htm>, por ordem de idioma do serviço, no endereço <http://alokeshgupta.googlepages.com/language.htm>, por ordem de horário das emissões, no endereço <http://alokeshgupta.googlepages.com/time.htm> e por ordem de estações, no endereço

<http://alokeshgupta.googlepages.com/loc.htm>

QSL

ANTONIO ROSSET

F.M.

BRASIL:

105,7 MHz - UNESP FM - Bauru/SP - B
Recebida carta confirmatória e adesivos.
07 dias.

V/S: Sérgio Magson (Coordenador de programação).

QTH: Avenida Engenheiro Luiz Edmundo Carrijo Coube nº 14-10, Bauru/SP, CEP 17033-360
(Ivan Dias Jr., Sorocaba, SP, Brasil)

d(- -)b -- OUÇAM PROGRAMAS DX

Encontro DX



RÁDIO APARECIDA

RÁDIO APARECIDA São Paulo, Brasil
Produção e Apresentação Cassiano Macedo

Sábados - 19:00 às 19:30 hs de Brasília (22:00 UTC)

5.035 kHz faixa de 60 metros

6.135 kHz faixa de 49 metros

9.630 kHz faixa de 31 metros

11.885 kHz faixa de 25 metros

**Endereço postal: Av. Getúlio Vargas, 185
12579-000 Aparecida - São Paulo**

LOGGINGS

SAMUEL CASSIO MARTINS

ONDAS MEDIAS

ESCUTAS DE SAMUEL CASSIO MARTINS
SÃO CARLOS-SP, BRASIL
DEGEN 1103,ANTENA RGP3

Escutas possíveis pelo Blackout ocorrido na noite de 10 para 11 de Novembro.

SUDÃO

1296 11/11 0230 Radio Sudão, Ondurman, OM e YL em árabe, 24322

TANZANIA (provável)

1377 11/11 0247 Radio Free Africa, musica africana. bastante fading e curto período com audio.
audios em <http://www.ipernity.com/doc/76129>

ESCUTAS DE RENATO ULIANA
GUARULHOS-SP, BRASIL
SONY ICF-2010 + RGP3 LOOP ANTENA

503 0150 11/11 UNID apenas bips sequenciais sendo um bip simples a cada 2,5 segundos (24 bips /min) RST 336 RU
530 0140 11/11 ARG R La voz de las Madre, Buenos Aires, SS YL e OM talks vs mx 33322 RU
1200 0410 11/11 B R Ceará Clube, Fortaleza, PP OM vs adv lc tipo "casa de tintas, mecânica e etc..." ID 33333 RU
1200 0420 11/11 B UNID R Globo ??? PP Emissora em rede com a R Globo, vs mx 33333 RU
1503 0130 11/11 PRESUMIDA IRN IRIB, Busherh, AA talks e depois só portadora 32232 RU
1512 0115 11/11 ARS BSKSA, Jeddah, AA Alcorão 33333 RU
1539 0120 11/11 PRESUMIDA UAE VOA, Al-Dhabbiya, AA YL Talks, 32332 RU
1557 0035 11/11 F R France Info, Nice, FF YL e OM talks vs nx ID após 01:00UTC vs mx 33323 RU
1575 0045 11/11 PRESUMIDA UAE R Farda, Al-Dhabbiya, AA mx, 32332 RU

ESCUTAS DE EDUARDO CASTALDELLI
MAIRIPORÃ-SP, BRASIL
SONY ICF- F12S MOD.

1250 2230 05/11 R. Difusora AM Poços de Caldas MG Px c/ varias mx 54445. elc
1250 2240 05/11 R. Litoral Casimiro de Abreu RJ Px palando c/ouvinte ao vivo. 34444. elc
1270 2300 05/11 R.Globo Ribeirão Preto Ribeirão Preto SP Px c/ noticias, Id da Radio 23443. elc
audios em <http://www.ipernity.com/doc/76129>

ONDAS CURTAS

ESCUTAS DE EDUARDO CASTALDELLI
MAIRIPORÃ-SP, BRASIL

15.000 2030 11/11 WWVH Hawai HWA TS USA - sinais intermitentes seguido de locução feminina 24453. elc.
15585 0901 12/11 R. Ext. Espanha E S Eu 23453. elc.
17530 0922 12/11 R. Free Afghanistan USA PS AFG Px c/ mx - loc. feminina 23443. elc
17570 0924 12/11 R. China Intl. CHN E. Eu 24443. elc.
17620 0925 12/11 R. France Intl. F F NAf. Locução feminina 23443. elc
17660 0926 12/11 R. IRIB Teheran IRN SWA EAf. 24443. elc
17670 0927 12/11 R. China Intl. CHNM Px c/ locução feminina 24443. elc
17770 0857 12/11 R. Ext. Espanha E S Aus. Px encarramento das transmissões e id da rede 24443. elc.
19010 0930 12/11 R. Free Afghanistan USA Afg. Dari Px c/ musica religiosa 24443. elc.
21705 0952 12/11 R. BSKA 1 ARS A Eu Px c/ mx loc. fem/masc 24442. elc

21610 1002 12/11 R. Ext. Espanha E S ME Px c/ jornalismo, noticiadas da Espanha falando sobre Barcelona. 24443. etc.
21670 0956 12/11 R. BSKSA Riad ARS IN SAm. Px c/ mx loc fem/masc e mx intercalado c/ as locuções, tipo jornalismo seguido de mx romantica 24442. etc.
21680 1005 12/11 R. Vaticana CVA P SAm. Px noticias informativas do Papa que falou do mosteiro que completou 1.100 anos. Falou em portugues sobre a Liturgia 24443. etc.

ESCUTAS DE SAMUEL CÁSSIO MARTINS
SÃO CARLOS-SP, BRASIL
DEGEN DE 1103, ANTENA TELESCÓPICA,

ETIÓPIA

7110 12/11 2020 Rádio Etiópia, Gedja, musicas locais, // 9705, 25432

GUINÉ

7125 12/11 2028 Rádio Guiné, Conackry, musica típica, 35443

NOVA ZELANDIA

15720 15/11 0308 Radio Nova Zelandia, noticias, previsão do tempo, OM e YL , EE, 35443

TANZANIA

6015 15/11 0330 Radio Tanzania, Zanzibar, OM em swahili,citação a Zanzibar, 24432

ESCUTAS DE RUBENS FERRAZ PEDROSO

BANDEIRANTES-PR, BRASIL

RECEPTORES: KCHIBO KK-C37 E SONY ICF SW 7600G., ANTENA: RC3-FM.

EMIRADOS ÁRABES UNIDOS

15375 Radio Free Ásia, via Dhabbaya, tibetano, 1340, 01/11, OM, nxs 45333 RFP

ILHAS SEYCHELLES

15490 BBC, via Mahe, somali, 1416, 01/11, OM, nxs 45233 RFP

ESPANHA

15585 REE, Noblejas, SS, 1419, 01/11, OM/YL, talks 45333 RFP

ROMÊNIA

15235 RRI, Tiganesti, AA, 1531, 01/11, OM, nxs w/ várias menções à Romênia 45333 RFP

SRI LANKA

15445 VOA, via Irana Wila, EE, 1642, 01/11, OM/YL, px "VOA Special English", id OM 45344 RFP

TURQUIA

15140 Voz da Turquia, Ermiler, CC, 1144, 02/11, YL, nxs internacionais, no inal da tx I/S w/ pianos + id YL em CC 45333 RFP

IRÃ

15390 Voz da República Islâmica do Irã, Kamalabd, hebreu, 1208, 02/11, OM, nxs 45333 RFP

15545 Voz da República Islâmica do Irã, Sirjan, AA, 1230, 02/11, OM/YL, talks 35233 RFP

PORTUGAL

15425 BBC, via Sines, FF, 1228, 02/11, OM, nxs 45333 RFP

RWANDA

17520 DW, via Kigali, FF, 1238, 02/11, YL em entrevista w/ OM, nxs abt Gabão, id OM: "Deustche Welle" 45333 RFP

SWAZILAND

9525 TWR, Manzini, lingala, 1912, 02/11, mx gospel, OM, px relg, id 43343 RFP

CHINA

9585 Rádio Internacional da China, Kashi-Saibagh, sérvio, 2012, 02/11, YL, nxs 45333 RFP

ESCUTA DE EDISON BOCORNY JR.

CAPÃO DA CANOA-RS, BRASIL

RECEPTOR DEGEN DE 1103

BRASIL

15325 , Radio Gazeta ,São Paulo-SP, ouvida em 05de Novembro no horário noturno, 24422

ESCUTAS DE ANKER PETERSEN

SKOVLUNDE, DINAMARCA

AOR AR7030PLUS WITH 28 METRES OF LONGWIRE

3815 2149-2214* GRL 10+11+12.11 KNR, Tasiilaq (USB) Greenlandic/Danish talk and orchestral music, 2200 Danish news, QRM occasional utility conversations in Ru 24332 AP-DNK
3985.00 1440-1505 CHN Sa 07.11 China Business R, Ge'ermu English lesson: "How to be the CVO of your life ?", (Scheduled Sa/Su 1430-1500), 1457 song, 1500 time signal and Chinese programme, 45344 heard // 6065 (15222), 6155 (13111), 7315 (23232), 7370 (25333), 7375 (25222) and 7425 (32433) AP-DNK
4820 2030-2200 CHN 11.11 Xizang PBS, Lhasa Nice U.S. Country and Western and other oldies as a welcome to President Obama. 2100 One hour of Chinese opera, rare ann in Chinese. What a welcome to the President! Heterodyne 34433 AP-DNK
4828.00 1955-2000 ZWE Voice of Zimbabwe, Guinea fowl, Gweru Vernacular talk 15221 AP-DNK
4850.00 1525-1550 IND 13.11 AIR Kohima Hindi/English Hindi talk, 1530 English news from Delhi e.g. about accused terrorist David Headley planning attacks in Denmark and arrested by the FBI in Chicago. He had visited Mumbai several times up to the bloody attacks in 2007. 1545 advs and English programme starting with: "This is All India Radio Kohima", 45343 AP-DNK
3912.00 1434-1445 CLA 07.11 Voice of the People, via Goyang, South Korea Korean comments by man and woman 45344 (// 6518 and 6600 had faded out) AP-DNK
3931.43 1425-1430* CLA 07.11 R Voice of Kurdistan, Sulaimaniya, No. Iraq Kurdish song, closing ann and ID 33443 Jammed until 1432* AP-DNK
N3975.00 1723-1758* D Sa 07.11 HCJB, via Wertachtal Low German/High German New frequency and time, Low German hymns till 1730, then High German DX programme with Hans Werner Lange, Markus Weidner and Dieter Kareibold. Will be moved Dec 01 to Sitkunai, Lithuania on 3955 55544 AP-DNK
4775.01 0035-0050 IND 07.11 AIR Imphal English news, Indian songs 35322 AP-DNK
N4809.99 1510-1610 ARM Sa 07.11 Armenian Public R, Yerevan Armenian talk and folksong, Armenian talk continued till 1530 (not Turkish as scheduled), 1530 National anthem, opening ann in Kurdish, web address, modern song, Kurdish talks and folksongs 44434 QRM AIR Bhopal AP-DNK
4810.02 1710-1742* IND 07.11 AIR Bhopal Hindi Indian songs, 1730 news 35333 AP-DNK
4990.00 0055-0105 IND 07.11 AIR Itanagar Vernacular ann, Indian songs 25222 AP-DNK
5980 0625-0835 FIN Sa 07.11 Scandinavian Weekend R, Virrat Finnish ann, pop songs 35212 deep fades improving to 35232 AP-DNK
6170 1005-1425 FIN Sa 07.11 Scandinavian Weekend R, Virrat Finnish talking and ID, pop music, English ID, address 25322 - 23322 with QRM from co-channel RNZI in English AP-DNK
7165.02 1510-1600 CLA 06.11 Voice of Democratic Alliance, via Geja Jewe, Ethiopia (p) Arabic talk about Allah, songs from Horn of Africa, 1530 Kunama programme (listed), Horn of Africa music, opening ann, long talk, 1556 Horn of Africa song 35333 AP-DNK
7165.02 1720-1745 ERI 06.11 Voice of the Broad Masses, Asmara (p) Arabic talk with musical interludes, 1730 Horn of Africa music and talk 25232 AP-DNK
7175.00 1510-1600 ERI 06.11 Voice of the Broad Masses, Asmara Vernaculars Saho or Bilen (listed) talk, Horn of Africa songs, 1528 ann, 1530 Amharic news (p), 1535 drama with native songs 35433 AP-DNK
7200.00 1510-1530 SDN 06.11 Sudan R & TV Corp., Al-Aitahab, Khartoum Arabic talk, ann, song. Was off at 1720 34333 AP-DNK
3815 2138-2215v* GRL 01+02+03+04.11 KNR, Tasiilaq (USB only) Greenlandic talk, ann and music, 2200 KNR News jingle, news and reports in Danish, on some nights I was able to understand some Danish words: "de hoeje skatter", "Barack Obama", "det amerikanske praesidentvalg", "borgmestervalget i New York", "en fast oevre graense for Uran", "Kasais styre", "en af praesident Obamas raadgivere", music and song at close, 24232 - 34333 occasional utility QRM from Russian stations AP-DNK
3931.83 0325-0405 CLA 02.11 R Voice of Kurdistan, Sulaimaniya, No. Iraq Kurdish comment about Peshawar bomb, Maliki, Iran, Tehran, 0333 ID, Kurdish folksongs, 0344 ID, comment 45343; 0400 Farsi programme and jamming started! 43343 AP-DNK
3945.02 0333-0340 IRN 02.11 VOIRI, Kamalabad Surani Kurdish comment about Iraqi Kurdistan, Iranian music, mentioned Surani Kurdish and Azerbaijan 55444 AP-DNK
N3990 2305-2400 CHN 02+04.11 Gannan PBS, Tianshui Tibetan ann, instrumental music, but not // CNR-8 as previously scheduled 34444 after the DRM broadcast from DW had closed! But splatter from Croatia 3985 AP-DNK
4010 0000-0010 KGZ 05.11 Kyrgyz R 1, Bishkek National hymn, Kyrgyz and Russian ID's, Russian programme, ann, instrumental music 45343 // weaker 4795 AP-DNK
4775 0010-0035 fade out IND 03.11 AIR Imphal Vernacular ann, Indian songs, news 25222 AP-DNK
N4845.00 1845-2300 MTN 03+04.11 R Mauritania, Nouakchott reactivated Arabic/French/Dialects 1845 Arabic talk, local songs, 1900 French news and reports, 1930 Arabic talk, local music and radioplay, 2000 vernacular dialects with news, muslim prayer, native songs, from 2200 Arabic news and music, but Brazil is fading in on 4845.2 44232 - 45434 occasional CWQRM AP-DNK
4860.47 2322-2327* UNID 02.11 UNID singing sounding asiatic, no ann, disappeared 2327 25332 AP-DNK
4885.02 0400-0430 B 02.11 R Clube do Pará, Belém, PA Portuguese ann, Brazilian pop songs, ID: "Rádio Clube

do Pará" 45434 AP-DNK

4895 2330-2340 MNG 02.11 Mongoliin R, Murun Mongolian talk, Mongolian pop music 35333 // Altay 4830 (25222) AP-DNK

4940 0017-0035 IND 03.11 AIR Guwahati Vernacular ann, Indian songs, news 25322 AP-DNK

4989.99 0015-0025 SUR 05.11 R Apintie, Paramaribo (t) UNID language, music 15111 AP-DNK

N5030.00 1840-1845 BFA 03.11 Rdiff. du Burkina, Ouagadougou very weak carrier, no audio 15111 AP-DNK

5045 2340-0020 B 02+05.11 R Cultura do Pará, Belém, PA Portuguese ann, Brazilian pop music 25333 AP-DNK

7110 2048-2100* ETH 04.11 R Ethiopia, Geja Jewe Vernacular native instrumental music, news summary, 2058 National hymn 45344 AP-DNK

ESCUTAS DE CARLOS GONÇALVES LISBOA, PORTUGAL

AUSTRALIA

4835 VL8A, Alice Springs NT, 2131-2149, 07 Nov, ABC news, Saturday Night Show prgr;: 34332, rapidly deteriorating. .

4910 VL9T, Tennant Creek NT, 2132-2148, 07 Nov, cf. \ 4835 VL8A; 35332, rapidly deteriorating.

5025 VL8K, Katherine NT, 2133-2156, 07 Nov, cf. \ 4835 or 4910; 34433, QRM de CUB

These were all best via the 20 m T2FD or the K9AY, particularly VL8K as either antenna reduces the Cuban QRM.

6020 R.Australia, Shepp. VIC, 1012-1055, 08 Nov, Pidgin to PNG, reports, newscast, songs; 34433, but increasing co-ch. QRM.

DOMINICAN REP.

6025 R.Amanecer Internacional (p), Stº Domingo, 2236-..., 07 Nov, Castilian, rlg. propag.; 32431, adj. QRM.

EQUATORIAL GUINEA

5005 RNGE/"R.Bata", Bata, 1734-1804, 08 Nov, Vernacular, Afr. pops prgr; 35433.

6250 ditto/"R.Malabo", Malabo, 1736-1756, 08 Nov, Vernacular, talks; off at 1800; 54443, adj. uty. QRM.

ETHIOPIA

7110 R.Ethiopia-home sce., Geja Dera, 1519-1528, 08 Nov, Vernacular, talks, music; 35433.

7165 R.Ethiopia-ext. sce., Geja Jawe, 1520-1553, 08 Nov, Arabic, talks; \ 9560.9 (badly interferred); 35433.

INDIA

4810 AIR, Bhopal, 1730-1741*, 08 Nov, English, newscast until 1735, then presumably the same but in Vernacular, talks; 25332.

4880 AIR, Lucknow, 1534-1555, 09 Nov, English, news, report on an Economic Summit in Delhi, Vernacular, talks, music; 25432.

JAPAN

9595 R.Nikkei, Nagara, 1018-f/out 1033, 08 Nov, talks; 15431.

MONGOLIA

4895 Mongoliin R, Murun, 2325-2336, 08 Nov, Mongolian, talks with musical background; Altay 4830 (extrem. weak) was not parallel; 34332, CODAR QRM.

NEW ZEALAND

6170 R.NZi, Rangitaiki, 1319-1520, 08 Nov, talks,..., coastal weather forecast at 1513; 15431, adj. QRM at 1500.

9765 ditto, 1833-1858*, 07 Nov, mass, talks on Pacific affairs, item on the egyptologist Howard Carter, IS; 45544.

PERU

4746.9 R.Huanta 2000, Huanta, 2231-242, 06 Nov, Quechua & Castilian, advertisements, announcements, Indian songs; 35332.

4774.85 R.Tarma, Tarma, 2320-..., 08 Nov, Castilian, Indian songs, announcements; 34332, heterodyne with Brazil (p) 4775.

4824.4 La Voz de la Selva (p), Iquitos, 2234-2243, 06 Nov, songs; 14331.

4955 R.Cultural Amauta, Huanta, 2232-2245, 07 Nov, Quechua, talks; 45333, vy. good audio.

USA

5446.5 AFN, Saddlebunch Keys FL, 2330-2343, 08 Nov, CNN RAdio newscast; 45433.

7811 ditto, 2331-2345, 08 Nov, cf. \ 5446.5; 35443.

ANGOLA

4949.7 RNA-Canal "A", Mulenvos, 1926-..., 05 Nov, Portuguese, talks (no copy); extrem. weak modulation; 35332.

ARGENTINA

6060 RAE, General Pacheco, 2243-2310, 05 Nov, Castilian, home news, songs; a bit distorted; 54433, adj. QRM.

BANGLADESH

4750 Bangladesh Betar, Khabirpur, 1513-1528, 06 Nov, Bengali, tradit. songs, talks; 35433, and later w/ some QRM de CHN.

BRAZIL

3365 R.Cultura, Araraquara SP, 2208-2215, 05 Nov, home politics prgr (also on via sev. other stns); 25342.

4754.9 R.Imaculada Conceição, Cpº Grande MS, 2144-..., 05 Nov, songs, talks; 15331; almost inaudible at 2200.

4805 R.Difª do Amazonas, Manaus AM, 2140-2207, 05 Nov, ballads, sports prgr t 2200; 45433.

4815 R.Difª, Londrina PR, 2137-..., 05 Nov, A Voz do Brasil part 2; 24341, uty. QRM.

4825 R.Canção Nova (p), Cachoeira Paulista SP, 2141-2203, 05 Nov, A Voz do Brasil immediately followed by a prgr on home politics; 24331, adj. QRM.

4864.9 R.Alvorada (t), Londrina PR, 2132-..., 05 Nov, A Voz do Brasil part 2; 13331, QRM de BOL (p) 4865.
4885 R.Club do Pará, Belém PA, 1930-2111, 05 Nov, news, songs,..., Cartaz Desportivo at 2109, A Voz do Brasil at 2200; 35444.
4915 R.Daqui, Goiânia GO, 1936-2109, 05 Nov, natl. news, songs,..., A Voz do Brasil at 2100 (not 2200); 34343, QRM de B.
4985 R.Brasil Central, Goiânia GO, 1937-2110, 05 Nov, talks,..., A Voz do Brasil at 2100; 25331, but improved to 45444 at 2100; \\ 11815 good at 1930, weak at 2100; 25331.
5035 R.Aparecida, Aparecida SP, 2115-2126, 05 Nov, A Voz do Brasil part 1; 44433; \\ 6135 (QRM), 9630, 11855.
5045 R.Clutura do Pará, Belém PA, 2112-2133, 05 Nov, oldies prgr and A Voz do Brasil at 2200; 45433.
6135 R.Aparecida, 2242-2247, 05 Nov, songs in prgr Com a Mãe Aparecida; 45433.
6150 R.Record, São Paulo SP, 2241-2253, 05 Nov, interview with some singer, talks about his records; 43432, adj. QRM.
9665.05 R.Marumbi, Florianópolis SC, 2151-2205, 05 Nov, A Voz do Brasil part 2, home politics prgr at 2200; 34432, adj. QRM.
9675 R.Canção Nova, 2150-2206, 05 Nov, A Voz do Brasil part 2 followed by some home politics prgr right at 2200, then news; bad modulation; 45444.
9675 ditto, 1314-..., 06 Nov, mass like rlg. meeting, live audience; 35443. 9819.8 R. 9 de Julho, São Paulo SP, 1317-..., 06 Nov, phone-ins; bad modulation; 13441, adj. QRM de CHN (p).
11724.9 R.Novas de Paz, Curitiba PR, 1320-..., 06 Nov, report on IPDA meetings; 24442, adj. QRM, blocked later.
11734.9 R.Transmundial, Stª Mª RS, 1319-1455, 06 Nov, songs, weather report, musical dedications,..., sports prgr prior to 1500; 34432, adj. QRM.
11765 SRDA, Curitiba PR, 1322-1453, 06 Nov, fem. preacher spreading "aleluia" & prasing priest David Miranda, ..., similar stuffr at 1430; 34443, adj. QRM.

BURKINA FASO

5030 R.Burkina, Bimbo, 1938-2114, 05 Nov, French, obituary, Vernacular prior to 2000,..., Afr. pops; variable quality & level; 55444.
7230 ditto, 1009-1317, 06 Nov, Vernacular, talks, French prgr at 1030,..., news at 1300; 25433.

CHAD

6165 RD.Natle. Tchadienne, Gredia, 1901-1935, 05 Nov, French, lengthy news bulletin; unclear audio; 54433.

DJIBOUTI

4780 R.TV de Djibouti, Arta, 1618-1645, 06 Nov, Vernacular, local pops, some talks; 55444.

GUINEA-Conakry

7125 R.Guinée, Sonfonya, 1024-1521, 06 Nov, Vernacular, folk songs; inaudible at 1300, back at 1500 when playing some tribal songs; 35433, only occasional amateur QRM.

INDIA

4760 AIR, Port Blair (p), Andaman & Nicobar Islands, 1613-..., 06 Nov, English, talks, AIR ID & web info, mx, TS, news (p) in Vern., then English again with a report on an AIR music competition; 24431; \\ 5010 at 1630.
4800 AIR, Hyderabad, 1511-1527, 06 Nov, Vernacular, talks, announcements, tradit. tunes; 44433, [increasing] QRM de CHN.
4950 R.Kashmir, Srinagar, Jammu & Kashmir, 1636-1651, 06 Nov, Vernacular, chanting; 34433.
5010 AIR, Thiruvananthapuram, 1617-1644, 06 Nov, Vernacular, debate often mentioning "profession" followed by prgr in English at 1630 starting w/ a report on an AIR music competition, music; 34443.

KOREA, North

2850 KCBS, Pyongyang, 2206-2215, 05 Nov, talks; 35342, occasional uty. QRM.

LIBERIA

6070 ELWA, Monrovia, 2154-2158 (when blocked by ROU in Castilian), 05 Nov, English, rlg. propag. & songs to match; 34432.

MADAGASCAR

5010 R.TV Malagasy, Ambohidrano, 1811-... (checked at 1903, but they were off), 06 Nov, Malagasy, Afr. & local pops menu; 45433.

MAURITANIA

783 R.Mauritanie, Nouakchott, 1855-..., 05 Nov, Arabic, chanting, ID, Vernacular prgr at 1900, talks; 54444, QRM de E. \\ 4845 (reactivated on 60 m and 41 m)
7245 ditto, 1015-1315, 06 Nov, Arabic, talks,..., news at 1300; 55444.

NIGERIA

4770 R.Nigeria, Kaduna, 1510-1614, 06 Nov, English, talks, Afr. pops; 15341, but improved to 35332 at nearly 1600.

RSA

3215 AWR, Meyerton, 1815-1826, 06 Nov, English, rlg. propag. prgr Faith In Christ, addr. info, songs; 45343.
3230 Family R, Meyerton, 1822-1933, 05 Nov, English, rlg. propag.; 45433. 3255 BBC, Meyerton, 1918-1932, 05 Nov, English to Southern Africa, African news magazine ranging from politics to sport; 45433.
3320 SAUK/R.Sonder Grense, Meyerton, 1916-1931, 05 Nov, Afrikaans, radio play; 45433.
3345 Canal África, Meyerton, 1924-1946, 05 Nov, Portuguese to Angola & Moçambique, reports & news, music; 55444.

SURINAME

4990 R.Apintie, Paramaribo, 2129-..., 05 Nov, Dutch (p), songs; 15331, occasional uty. QRM.

SWAZILAND

3200 TWR, Mpangela Ranch, 1921-1929, 05 Nov, English, rlg. propag.; 45433.

UGANDA

4750 Dunamis BC, Mukono, 1808-..., 06 Nov, English, unreadable talks; 15341.

ZAMBIA

5915 ZNBC-Radio 1, Lusaka, 2145-2156, 05 Nov, Vernacular, talks; 35332. Radio 2 on 6165 choked by Chad, yet audible.

ZIMBABWE

4828 Voice of Zimbabwe, Guinea-fowl, 2125-..., 05 Nov, non-stop Afr. songs; 35332. ZBC 3396 not audible.

4828 ditto, 1809-..., 06 Nov, English, Mugabe's polit. propag.; 35332.

UNID

2345 UNID, 2207-2111*, 05 Nov, Argentinian accented Castilian, talks, suddenly off; 15341. Not a harmonic, probably someone playing with a utility tx.

ESCUTAS DE MANUEL MÉNDEZ, LUGO ESPANHA

GRUNDIG SATELLIT 500 Y SONY ICF SW 7600 G ANTENA DE CABLE 10 METROS, ORIENTADA WSW

ESCUCHAS REALIZADAS EN FRIOL

BRASIL

11735, Radio Transmundial, Santa María, 1018-1023, 14-11, locutora, comentario religioso, portugués. 24322. (Méndez)

11815, Radio Brasil Central, Goiania, 1026-1030-1033, 14-11, canciones brasileñas, locutor, comentarios, portugués. 24322. (Méndez)

11915, Radio Gaucha, Porto Alegre, 1033-1037, 14-11, locutor, comentarios, portugués. 25222. (Méndez)

11925, Radio Bandeirantes, Sao Paulo, 1030-1040, 14-11, locutor, comentarios y noticias, portugués. 24322. (Méndez)

MEXICO, 6185

Radio Educación, México D. F., 1022-1033, 14-11, canciones, música clásica. 24322. (Méndez)

PIRATA

6295, 1211-1220, 14-11, New Wave Radio, locutor, inglés, identificación: "New Wave Radio", música pop, comentarios en holandés. 35433. (Méndez)

ESCUTAS DE ROBERT WILKNER

POMPANO BEACH, FLORIDA, ESTADOS UNIDOS

DRAKE R 8, ICOM 746PRO DL, SONY 2010XA

NOISE REDUCING ANTENNA, 60 METER BAND DIPOLE

4800 Mexico XERTA 1345 still in on 7 November, also 6025 Dominican Republic and 6104.8 Mexico same time with 2010XA and river location. [Wilkner]

3250 Honduras, Radio Luz y Vida, San Luis 2320 with religious programing unaffected by tropical storm "Ida" . 7 November [Wilkner]

3329.56 Peru, Ondas del Huallaga, Huánuco 2310 to 2320 om with mx, talk en espanol, better signal than usual, CHU notched 7 November; also 2320 better signal on 4 November [Wilkner]

4451.15 Bolivia, Radio Santa Ana, Santa Ana de Yacuma 2310 to 2340 sign off, 7 November [Wilkner]

4700 Bolivia, Radio San Miguel, Riberalta, two gents talking, conversational spanish..good signal for them... 7 November [Wilkner]

4790 Peru, Radio Visión Chiclayo 2340 with religious programming 7 November [Wilkner]

4800 Mexico XERTA noted 1020 to 1040 much improved signal 2 November. 2310 noted 4 November [Wilkner]

4857.38 Peru, Radio La Hora, Cusco 2320 to 2330 on 4 November [Wilkner]

4894.96 Brasil Radio Novo Tempo, Campo Grande PR.. fair signal 2340 with om talk then music...November 7. [Wilkner]

4985.0 Brasil Radio Brasil Central, Goiania 2330 good Brasil music with om dj, good signal 7 November [Wilkner]

5039.24 Peru, Radio Libertad Junin 1040 fading out with om en espanol, 2 November [Wilkner]

5459.60 Peru Radio Bolivar Cd. Bolivar 2320 first time noted in a week or so, music, fair signal 7 November [Wilkner]

5580.19 Bolivia Radio San José, San José de Chiquitos 2325-30 music with fair signal, high band noise. 7 November. Also 4 november same time. [Wilkner]

6173.92 Peru, Radio Tawantinsuyo, Cusco noted at 2335, seem there 2300 to 2340 each local evening for Peru. 7 November. [Wilkner]

ESCUTAS DE GLENN HAUSER

ENID-OK, ESTADOS UNIDOS

BRAZIL. 9585, fair signal Nov 15 at 0045 ``para Brasil e o mundo, os milagres de deus``. It would be miraculous if they could give the correct time, instead as ``22:43`` at 0046. This being CBN, originally R. Globo, São Paulo.

** CHINA [and non]. 15385 with CNR1 echo-jamming plus other noise, SAH, all to prevent the Voice of America, in Mandarin

via Tinang, Philippines, being heard by the oppressed Chinese people, who if they knew the truth might rise up and overthrow their Communist masters, who obviously don't have any confidence they would be chosen in free elections, Nov 14 at 0013 and same at 0054.

** **COLOMBIA**. 5910, Marfil Estéreo with ID as soon as I intuned, Nov 15 at 0035, ``sólo éxitos``, which seems hyperbole as they've got to work in the evangelism somehow. Good signal in the clear; in fact, looking over the schedules, it seems that 5910 is pretty clear for 1 kW HJDH all night 2300-1200 except for Romania at 0100-0300. What luck, as Colombia para Cristo does not participate in HFCC, and you'd think this `open` frequency would be pounced on by more of the big boys.

** **CUBA** [and non]. Altho not jamming VOA on 5890, 9885, the DentroCuban Jamming Command was all-out against Radio República on 9810, Nov 15 at 0021 mixing rather equally, which is still unacceptable. See also USA : WRMI, VOA.

** **GERMANY** [non]. 15640, F-G Nov 15 at 0015 with Strine-accented reporter in English interviewing Italians about aftermath of Aquila earthquake. And at 0053 about new shopping center in Prague. Since it's not // RA 17715 or BBC Singapore 15335, it must be --- DW! Yes, 00-01 via Pet/Kam, Russia, 250 kW, 247 degrees, but audible well enough way over here, something the DW PTB did not count on when they decided to cut off North American SWLs.

** **INDIA**. Noise blob centered on 9455, Nov 14 at 2142, perhaps AIR Aligarh, altho I was not hearing 9425 or 9445 at this time. 4880, Nov 15 at 0026 music and some talk with heavy fading, uncertain language, weaker aside the Brazilian clash on 4885. 0032 had some 2-way SSB QRM. By next check 0050 had faded to JBA carrier. Only fit is AIR Lucknow which signs on at 0025, and then fades into the sunlight. Lucknow is between Aligarh and Gorakhpur near the western end of Nepal.

6155, Nov 15 at 0039 S Asian singing, with tabla, good atop fast SAH of a weaker station. AIR Urdu service via Bangalore, 0015-0430, 500 kW, 330 degrees so penetrating slightly further than Pakistan.

** **MEXICO**. As I previously figured, 6105 itself is free of QRM in the early evening, so XEMQ Mérida was also clear on 6104.8 Nov 15 at 0037 with music in Spanish. But as I also previously figured, Habana's new 6110 is a big adjacent problem, at first somewhat evitable by offtuning low, but at 0056 RHC was splattering too much even in talk rather than music.

** **ROMANIA**. 9525, UT Sunday Nov 15 at 0043 playing Stravinsky. Nice and rare to hear some serious classical music on SW. Only fit is RRI Spanish service via Galbeni. If the outdated program sked on their site is still correct, it's the second show on Saturdays, Horizonte Cultural Rumano.

** **SAINT HELENA**. Radio Saint Helena Day, 2009y, 11092.5-USB --- I heard it, but it was totally unsatisfying, mostly inaudible. Fortunately, last year and others were much better, and QSLed, so the novelty is wearing off, anyway.

Started monitoring at 2000 UT Nov 14, but as I dozed during my nap, no trace of it thru 2150, just the ute on the low side (fax idling?), and occasional other types of ute QRM, such as two beeps every 16 seconds, bits of CW; at 0024 running-water overriding everything, but briefly.

At 2134 I checked BBC Ascension, 12095, the nearest geographically and frequencially, found it only fair with flutter fading. If that's the best we can expect from the South Atlantic, with 250x the power and many times the antenna gain, not surprising RSH is not making it.

However, next check at 2220 on a different receiver/antenna setup, RSH was just barely audible, bits of music. 2254 sounded like a sea chanty; singing, anyway (Mick Delmage, Alberta says a pirate interrupted at this very moment). 2312, mostly music. Later could catch a few occasional words: 2358, `thank you very much`; UT Nov 15: 0003 mention Jamestown; 0005 Japan? 0006 very familiar romantic tenor tune I am trying to name.

During the final hour I knew I would be spending my time better by bandscanning for lots of other stations rather than straining to hear a few more words from RSH, but checked it occasionally. 0024 about the same barely audible reception; 0030 even weaker; 0041 JBA music; 0058 very poor going from talk to music, maybe GSTQ at wrapup. The final sesquihour was allegedly toward NAM.

This was so marginal, that any way to increase gain was necessary, so tried various combinations of receivers and antennas. What I really need is a log-periodic. There were no detectable changes at the publicized antenna rotation times of 2100, 2200 or 2330. However, at 2301 it either went off briefly, or local noise level went up.

The signal was so weak that I had a hard time zeroing in on it, with no carrier as a guide; finally picked a spot on the DX-398 40-Hz fine-tuning between 11092 and 11093 and stuck to it.

Anyway, tnx to everyone for their trouble in putting this on again, no doubt a treat for those who could hear it better or for the first time.

** **U S A**. VOA Spanish check vs DentroCuban jamming, UT Nov 15: at 0020 both 9885 and stronger 5890 were playing jazz, no jamming audible. At 0052, Club de Oyentes show was giving full postal address of a Brazilian listener for many years, who must be resigned to Spanish instead of Portuguese (tho he could get the VOA African service in Luso if he tried). Still no jamming heard on 5890. See also CUBA [and non].

** **U S A**. Altho Cuba jams WRMI during countless hours while in English or non-exile Spanish, Nov 15 at 0022 a poor signal on 9955 was discussing Cuba, but no jamming. WRMI program grid as of Nov 1 at the DXLD yahoo group files shows 0000-0030 UT Sunday is La Voz de la Asociación, among several other Saturday-evening exile programs. Association of what? It's missing from the website list of programs at <http://www.wrmi.net/schedule.php> which now has a lot of info about various shows, including some photos of participants, altho not all the times have been updated. Jeff White explains: ``It's the Association of Veterans of the 2506 Brigade (Bay of Pigs). Just started recently``.

** **U S A**. Thought I would check the WBCQ 7415 webstream and see if anything is on it now that 7415 itself is off the air Saturday at 2215 when Marion's Attic used to air. Yes, what else but Brother Scare! As if he didn't have enough platforms. Better check 7415 to see if it is really off the air --- yes it is, at 2220, but ZD7 is becoming audible.

** **VIETNAM** [and non]. 11605, Nov 15 at 0017 with nasty mix of Brazilian and Asian language, audible het of some 200 Hz. At next check 0046, just Brazilian alone closing program with ``ciao, até o próximo sábado``, and then folk music. That is VOR via GUIANA FRENCH.

The Asian is RFA Vietnamese via TAIWAN: schedule fits, ending at 0030. I was thinking jamming was in play, but maybe just a typically off-frequency Taiwan transmitter, a menace to any on-frequency outlets even from the other worldside.

** **ALASKA**. 6890, KNLS, Nov 13 at 1417, P-F signal but no QRM here, praise music; 1419 admitting that 15% of today's Americans profess no religious belief and proceeding to attack Deism, as illogical: since the Bible tells us that God created the world, how could he have lost interest? Or something equally illogical. 1422 back to music.

** **BELGIUM**. If it's 9970, it must be RTBF, VG signal Nov 14 at 0805 with news in French about Guantánamo, diabetes, M&W alternating. As a non-native speaker, it seemed to me their French was perfectly Parisian, a delight to listen to. But is there really a Belgian accent easily discernible to the French French? Probably, but not to be used on the radio.

** **CHINA**. 8025-8080, Over the horizon radar pulsing, presumed from here, Nov 13 at 1432.

** **CHINA**. Firedrake Nov 13 at 1433: nothing on 8400, 9000 but good on 10210. Around 1530 Nov 14: none of them.

** **CHINA**. 17710, CRI English at 0737 Nov 14 with Heartbeat, fair signal. Not something you would expect to hear in the nightmiddle from Beijing site aimed 193 degrees. 19m was also hopping with Eurasian signals.

** **CUBA**. 11600, no DentroCuban jamming at 1514 Nov 13, unlike the past two days. Perhaps they found out about this mistake from my previous reports and quickly fixed it, but that would be uncharacteristic.

11760, Nov 14 at 0734, VG in Spanish with MUF way up. RHC now in the eleventh day of not producing two dozen spurs from this frequency.

Three 49m channels // Spanish at 0746 Nov 14, but with progressively worse modulation. Clearest wideband on 6150, middling on 6140 and narrowband audio on 6120.

** **GREECE**. 7475, playing ``Return to Sender``, I think originalversion by Elvis, lyrix in English, Nov 13 at 0616. Can this be Voice of Greece? Yes, // 9420, and soon followed by announcement in Greek.

12105 with Greek music, Nov 14 at 0734, fair signal and not // 9420. 0749 still Greek music. This hour is supposed to be in English, relay of the MW service R. Filia, but what good is it if they are just going to keep playing Greek music? Perhaps filling out hour starting with BBC relay earlier. At 0800, 12105 went into French YL. I wonder if that is really from Athens, or relaying RFI.

** **INDIA**. AIR 9470 Aligarh blobmess, Nov 13 at 1435 covering 9455-9465, bothering Russian KFBS on 9465, but not bothering the China radio war on 9450.

Nov 14 did not check until 1519 when signals were weaker, but believe the blob was still residing around 9460.

** **INDONESIA**. 4750, RRI Makassar, Nov 13 at 1404, instead of news on the hour, phone conversation with laughing between M in studio and W on phone; fair signal this late.

VOI, 9525.9, still on the air in English at 1520 Nov 14, ID and slogan ``sound of dignity``, fair signal and modulation, atop the het from something on 9525.0. By 1558 could only hear the het, presumably from CRI English via Kashgar, East Turkistan at 15-17.

** **KOREA NORTH** [non]. 5985, Shiokaze via JSR Japan, fair and clear Friday Nov 13 at 1411, M narrative about abductions in the 1970s, no piano music now. Hard to understand English due to heavy accent, a marked difference with its neighbor NHKWNRJ on 5955, the robotic W newscaster and her too-precise enunciation.

** **MEXICO**. XEQM, 6104.8, best yet and totally in the clear at 0639 Nov 13 with hyper DJ, inserting ``Candela`` ID over music, and then fast 12:42 timecheck. Phone number for requests, apparently with birthday greetings; slogan ``la más grande`` instead of ``la mayor``. Some distortion as modulating too hard.

** **NEW ZEALAND**. I don't know whether it was audible earlier, but at 1515 Nov 14, could not hear any RNZI on 6170, just a barely audible carrier. Nor on 7440. Nor at 1601 could I hear RNZI on either, with 7440 also squeezed by ChiComs on both sides. RNZI off the air or just not propagating?

Checked at 1801 UT Nov 14, website says: ``Schedule Change from 12 November 2009. 11 Nov, 2009 19:15 UTC: 6170 (AM) and 7440 (DRM) kHz new early morning frequency for Cook Islands, Samoa, Niue and Tonga``

No time, but looking elsewhere for the schedule, that refers to 1551-1750 UT. What it really means is that DRM and AM frequencies have been swapped during this time period, so not really applicable to the 6170 collision with Russia at 13-15.

** **PORTUGAL**. Since it's a weekend, we get a strong RDPI morning signal on 15560 aimed 300 degrees USward, Sat Nov 14 at 1554. Trouble is, the fado was being marred by squeal and distorted modulation. Also audible on // 15520 much weaker, and longpath echo. The latter is also on weekends only (unless there is a weekday futebol game), 144 degrees oppositeward. Never mind those: good modulation and good signal on 21655 at 1606.

** **SAUDI ARABIA**. 11785, Buzzing service again audible but poorly Nov 13 at 1444. I wonder if this is same Riyadh transmitter which used to buzz on 21505 until 1500, and therefore the latter is off, or off earlier than before? Anyhow I have not been able to hear both at same time. After 1500, 15435 is still the address for this.

** **SIERRA LEONE** [non]. I am rarely monitoring so late, but after hearing BBC on 13820 Nov 14 at 0729, it was time to check for Cotton Tree News at 0730 on 11875. Nothing there at first, but when I retuned a few dekaseconds after 0730, there it was in English news with very heavy accent, QRM de WEWN on 11870. But why would he mention ``Chilean`` several times? O, I get it: that's how the announcer pronounces ``Sierra Leone``. Would seem to need some dixon lessons, unless everybody says it that way, and who am I to criticize the SL dialect?

At 0733, ``This news is coming to you from CTN`` (just the abbreviation). Next check at 0752 two women were conversing,

with even heavier accents, or was it the local language, or a mixture? I certainly heard some English words now and then. They were still going at 0800* sharp when transmission cut off abruptly, no closing, sign-off or goodybye until tomorrow. I suspect the start at *0730 was just as abrupt. After all this time, the studio and transmitter are still unable to coordinate, or have no concept of how to open and close a radio program. The transmitter being VTC Rampisham UK, so my getting Ascension just before it on 13820 was not really a tipoff to a nightmiddle European opening.

** **U K** [non]. 13820, BBCWS in English at 0729 Nov 14 plugging Have Your Say, surprisingly good signal from a band usually dead at this hour, but even 15 MHz had lots of signals on it. A-index the day before was 74, slightly up from the doldrums, K-index at 06 was 1, and at 09 was 2. 13820 is Ascension at 07-08, 250 kW, 55 degrees. So I check for SIERRA LEONE [non], q.v.

** **U S A** [non]. 7215, SW Asian language at 1426 Nov 13 with English clips, website starting www. and ending .org, but missed the middle. Clear except for ham SSB ACI on the hi side, seems news after 1430. Aoki says: R. Liberty in Tajik, 14-15, 250 kW, 348 degrees from Sri Lanka, USward.

15205, VOA English, discussion of Hasan cut off abruptly at 1458*. It seems Washington is still having a hard time coordinating with transmitter sites, or more likely does not even try. This is Lampertheim, GERMANY, supposedly scheduled 1400-1500, 100 kW, 92 degrees. 15205 used to be a prime VOA channel for hours and hours, but now it's shared with DW, CRI, Saudi. And the powers that be want to cut VOA English even further.

** **U S A**. WRMI has degraded audio, 9955 with VG S9+20 signal but distorted during R. Praga in Spanish at 0739 Nov 14. The same plus hum at 0804 with Antonio Buitrago of REE's DX program discussing DRM. I think that was originally on several weeks ago, but now part of Frecuencia al Día. Carrier is also slightly unstable. Likewise during R. Prague in English at 1523, no jamming audible. But at 1559 WRMI's own problem masked by DentreCuban jamming as Zion Fellowship was ending, 1600 DX Partyline starting.

Jeff White is aware of the problem and says it's not the transmitter but a \$3500 tube which should be replaced Sunday afternoon. Well, the modulator is part of the transmitter.

UNIDENTIFIED. 6074, unlike the day before, no sign of 8GAL Nov 13 around 1400. In past, the exact time has varied considerably for this less-than-a-minute transmission.

ALBANIA. Checking R. Tirana's 2100 English Nov 11: 9895 very poor with flutter, opening with transmission schedule; // 7520 inaudible under some bubbly QRM, nor was Farda. This was apparently of local origin as I was hearing the same mess every 50 kHz down at least to 7170 and up to 7570+. At least I sure hope it was local.

That was on the portable, perhaps too close to a neighbor's house. On the main rig FRG-7, 24 hours later, no such problems. Nov 12 at 2101, 9895 was poor but readable with transmission schedule, the main problem being overload from WWCR way up on 9980. // 7520 had better signal at fair level, with Farda via Sri Lanka underneath but annoying, producing a rippling SAH.

** **CANADA** [and non]. Now I've heard everything: CBC's RCI interfering co-channel with CBC's CKZU Vancouver 6160: Nov 12 at 1358 the RCI IS alternating English and French IDs on top of the frequency but the rippling SAH caused by Vancouver being a couple dekaHertz off. Had to monitor 8GAL at 1400, but recheck at 1401 found 6160 in Chinese, site? 1459 RCI IS audible again instead of CKZU. The 14-15 hour is scheduled as RCI Mandarin via Kimjae, KOREA SOUTH, 100 kW non-direxional. But I bet it is also capable of ruining CKZU's reception even in remote parts of target area BC. Did it even occur to RCI's frequency planners that this might present a problem?.

** **CHINA**. Firedrake Nov 12 at 1351: just barely audible on 9000, inaudible on 8400, 10210.

** **CHINA**. After R. Nikkei is done with 6055, latest at 1400, else is to be heard: Nov 12 at 1404 something in Vietnamese, I thought, but Cambodian is scheduled from CRI via Nanning. I can normally tell them apart if I pay attention a bit longer. Strangely, R. Liberty in Turkmen via Thailand is also scheduled on 6055 from 1400, but no sign of it.

** **CHINA**. OTH radar pulsing, presumed from here, Nov 12: at 1405 on 5075-5125, and same rate/pitch also on 4025-4075. A different higher pitch and faster rate on 4565-4645.

** **CUBA**. Looking for anything but Spanish from RHC, Nov 11 at 2109, but only // Spanish to be heard on 13790, 13770, 11800, 11760, 11730, 9660, 6110, something about Nov 11 the anniversary of a XIX Century Cuban historical event. No signals audible on 17660 or 17705.

Sometimes 6060 stays on the air past 0700 in English, but not Nov 12: at 0722 it plus // 6120, 6140 and 6150 all in Spanish. DentreCuban noise jamming again on 11600, much stronger than yesterday, at 1608 vs no known target. Why, o why? Possibly 11600 is in use at some other daypart by some hostile broadcaster, or another total screwup at the DCJC, wasting megawatts despite a severe energy crisis in Cuba, according to Raúl himself. Turn off your air conditioners and refrigerators, but keep these running! Don't you believe RHC's façade as a friendly station.

Nov 12 at 2035, strong transmitter on 13790 running open carrier, and still such at 2044, while weaker 13770 was in Spanish programming. As was 9660, the latter quite distorted. The 11760 transmitter is now in its ninth day of not producing two dozen dirty spurs.

Non-Spanish found on one frequency, 11770, at 2037 lexuring in Arabic about José Martí.

** **CYPRUS**. OTH radar pulsing, presumed from here, Nov 12 at 1420 spanning 13955-13980.

** **ECUADOR** [and non]. HCJB DRM noise still audible 15275-15280-15285, Nov 11 at 2055 check, and also Nov 12. To be closed down Nov 15. Does that mean the last transmission will be Nov 14, or 15? And what about Portuguese on 11920 after 00 UT closing Nov 15? Does that mean last broadcast is UT Nov 14, 15 or 16? Or rather, smoothly transitioning to

CVC Chile site.

Roger Stubbe at HCJB HQ Colorado Springs noted our reports that their Arabic program had been replaced by VTC fill music loop on 12025 at 2100-2145 via Sackville, surprising since they had been sending their programs to VTC and assumed they were outgoing. He got on them and had it fixed on Nov 11; after a few minutes of open carrier vying with lite CODAR, I heard Arabic starting at 2100, upcut in progress? But soon with YL ID starting ``Huna Idha`at al-Akbar. . .` Checked again 24 hours later on Nov 12: 12025 cut on a few seconds before 2100, then again seems like JIP opening announcement, and this time I caught the last two words in the long ID, ``. . .fi Mauritaniya``, but still missing the middle ones.

Roger Stubbe says this is HCJB`s own ministry; they just don`t use the meaningless Roman letters in that context. His full explanation of what happened with VTC in upcoming DXLD 9-080.

** **INDIA**. AIR GOS, 9690 to SE Asia, Nov 12 at 1346 was giving program summary for the rest of the broadcast, times both in IST and UT. Do they really think `overseas` listeners really need to be confused by times given in India`s wacky zone out of step with the rest of the world? Anyhow, since GOS does not publish any program schedules on paper or on the web (that I have been able to find), this is the only way to put together a program schedule.

Would those who listen frequently please copy all this down over a week`s period, in UT only and send it along. They probably do the same at a certain daily time in the other transmissions. Listeners` Choice followed at 1348, i.e. music requests. Good signal, better than usual, with some hum. Considerably weaker at 1455 with GOS of AIR ID and final news summary.

The AIR Aligarh blobmess Nov 12 at 1357 covered more than usual, 9460 to 9490, including Australia on 9475, but peaked about 9460 rather than nominal 9470.

** **ISRAEL**. Galei Tsahal varies further downward away from the 15790 station, a good thing, Nov 12 at 1425 measured on 15782.6 with a slow song, not recognized but lyrics I think in English; modulation a bit rough and carrier slightly unstable. 1429 to Hebrew announcement, ads.

** **KOREA NORTH** [non]. 9780 good with Japanese YL over piano music, Nov 12 at 1605; she sounds sad, no doubt because speaking of abductees in this Furusato no Kaze broadcast per Aoki, via Tainan, Taiwan, 250 kW at 45 degrees so also USward. No giggling here!.

** **KURDISTAN** [non]. V. of Mesopotamia, 11530, Nov 12 at 1440 with neat Kurdish music of which they play a lot; fair signal but splatter from WEWN 11550. This TDP transmission per HFCC is 300 kW, 129 degrees via Simferopol`, Ukraine, the cover site for the real one as in Aoki, Mykolaiv (a.k.a. Nikolayev in Russian), 32-14E, 46-49N.

** **NETHERLANDS** [non]. Just tuned 21525, RN via Bonaire, in time to hear a few notes of closing music until 2057* Nov 11 and know that reception the preceding hour would have been quite good. English at 21-23 would be more convenient for me, but can`t have everything. // 11655 via Madagascar stayed on a while longer with open carrier, but not very interesting. Next day after 2030 Nov 12, however, 21525 was not so solid, while 11655 was quite good.

** **NETHERLANDS** [non]. Happy Station on WRMI, Thu Nov 12 at 1600+, heard on webcast, but could have been heard on 9955: Keith Perron said all the extra repeats of HS on Friday, Saturday, Sunday and Wednesday are of the 1600 edition, not the different 0200 UT Thursday edition. Except, next week Nov 19, all airings will carry the David Monson interview. Keith also said the 0200 broadcast this week explains why he doesn`t like Arnie Coro, still living in the Cold War pre-1989. Access: http://www.pcjmedia.com/Archive_shows.html.

** **NIGERIA**. 15120, VON with ID in English at 2029 Nov 12, but badly squeezed between WYFR on 15115 and REE/Costa Rica on 15125, not to mention another WYFR on 15130. It would take tight selectivity to read VON clearly.

Frequency management in action: NO signals at all from 15135 to 15185, which means they could have been in the clear with no co- or adjacent-channel QRM on 15140, 15145, 15150, 15155, 15160, 15165, 15170, 15175, or 15180. What frequency management? Nigeria does not participate in HFCC, so they are lucky not to have something directly on top of them on 15120. VON has always used 15120 and nothing but 15120 on 19m and that`s good enough for them, inconceivable to go anywhere else.

Wolfgang Büschel suggests that my unID DRM 15115-15120-15125 Nov 11 at 1525 might have been Abuja testing a new DRM-capable transmitter; which no doubt will solve all their problems.

** **SAUDI ARABIA**. The Buzzing Service of the KSA, again heard on 11785, Nov 12 at 1413, producing some QRM to NHK 11780 in English via UK. This buzz not strong and not heard every day on this Riyadh-listed frequency.

** **TAIWAN**. RTI Japanese service on 9735, Nov 12 at 1345 was quite strong, but overmodulating and splattering down to 9700; soon the splatter moderated but still overmod on fundamental. The sporadic spurs on 9730 and 9740 were not noted this time.

** **U S A** [and non]. VOA is at it again --- interfering with itself. Nov 11 at 2056 I find a large open carrier on 15580. It could have been on from 5 to 10 minutes earlier. That`s Greenville about to start its only hour of VOA English on this frequency. But VOA English runs on 15580 from 14 to 22 with six transmitter site changes in eight hours (plus a beam change from the same site), so there could well be many more instances of this on 15580 and many other frequencies, as VOA abuts many transmissions from different sites on same frequency.

In this case it`s Iranawila, Sri Lanka, which had been running the previous hour of English, also to Africa, from the other worldside. I could barely imagine hearing VOA audio underneath the carrier, but in target Africa the situation should be quite different with more equal signal levels from the two.

I had other stuff to monitor around hourtop so did not note when GB-15580 started modulating with YDD sign-on or not, but the carrier alone is problem enough, and by 2103 VOA news was in progress.

Checked 15580 again 24 hours later on Nov 12: at tune-in 2027 the strong Greenville carrier was already on, but broke for

less than a minute, off again at 2031. Next check at 2047 it was on again and stayed on until 2100 programming. This is worse than what was happening for months on 17585 between Greenville and Botswana at 1430, until toward the end of A-09, after our repeated complaints they finally got their act together to coordinate the switchover without overlapping for a few minutes. How long will it take this time to drop carrier immediately (DCI) and then crash-start (CS) from the next transmitter? R. Martí, Greenville, 15330, Nov 12 at 1433 extremely strong and splattering plus/minus 20 kHz. Could barely detect DentreCuban jamming underneath. But is it that good in the Free Territory?.

** **U S A.** 17775, KVOH with huge signal as occasionally happens presumably tnx to off-season HF-only sporadic-E opening, Nov 11 at 2105. Enough to bring with it distorted spur circa 17920, no definite carrier; the match on 17630 however was no match for RFI Spanish via Guiana French.

But next morning, Nov 12 at 1612, 17775 is even stronger and both spurs were audible, consisting of noise, whine, and bits of modulation.

** **U S A.** 21640, weak, fading non-Arabic signal at 1617 Nov 12. Saudi is off by 1500, so this is WHRI scheduled 87 degrees to Africa. BTW, FCC confirms that WHRA in Maine is permanently off the air. WHR website now labels ``Angel 5`` as another WHRI unit. Yet this page <http://www.whr.org/Technical-Information.cfm> still claims this ``WHRI`` is in Greensbush, Maine! I also see that current WHRI listings by FCC do not show the azimuths WHRA employed as recently as A-09, such as 75 degrees.

** **U S A.** 13570, WINB, VG Nov 12 at 2033 with the unmistakable mumbling of convicted sex-offending, child-marrying evangelist Tony Alamo, accusing Dr Phil of lying about him, re having guns in the compound; and blessing God anyway for whatever happens to him. Like finally being sentenced Friday Nov 13, after numerous delays per <http://www.tonyalamonews.com>

The WINB schedule shows him on thrice weekly: 8 am, 11 am, 3 pm ET = 1400, 1700, 2000 UT; the first one on 9265. WINB has shown no signs of dropping this criminal, like WWCR did as soon as he was convicted last July. Will they now after Nov 13? If they read this, would it convince them?

<http://www.tonyalamonews.com/584/tony-alamos-secrets-exposed.php>.

** **U S A** [and non]. WBCQ, 9330-CUSB, with hard rock music, Nov 12 at 2051, stronger than // 7415 which seemed to have some co-channel QRM under, China? Unfortunately, I missed checking before 2030 to confirm whether or not new WORLD OF RADIO 1486 was airing on both frequencies this time again. Next chances to hear it on WBCQ are UT Fri 0100 on 5110, Mon 2300 on 7415.

IRRS advises us that they are changing immediately from 7290 to 6170 for the weekend 19-21 UT broadcast, so look for WORLD OF RADIO there Saturday at 1900. 6170 does appear to have a clear shot during these two hours only, tho flanked by Croatia and Brother Scare; that should be an improvement over co-channel Russia on 7290, and adjacents China on 7285, 7295.

UNIDENTIFIED. 4975, regular pulsing noises at the rate of 210 per minute, Nov 12 at 1409. Not like OTH radar, but what is it?.

UNIDENTIFIED. 6074, my first copy this season of 8GAL, the mysterious CW marker which appears just as Radio Rossii, 6075 is signing off from Petropavlovsk/Kamchatskiy at 1400, and thought to be a Russian army transmitter somewhere around there. Listening from 1359 Nov 12, the marker started about 15 sec before the hour, before the R.R. timesignal, so mixing with it. Not much QRM from China/Taiwan this time. Same message as always, and slight variations make me suspect it is hand-keyed: VVV CQ CQ CQ DE 8GAL 8GAL 8GAL K. Quite clear and easy copy.

UNIDENTIFIED. Strong DRM on 9445-9450-9455, Nov 12 at 2046. Is any DRM listed here in B-09 HFCC, Aoki, EiBi, or DRM DX schedule? Of course not! Why should the DRM folk bother with that? These frequencies were last known in use for the HCJB-sponsored DRM tests via IBB Greenville, apparently still going.

UNIDENTIFIED. 15570, unoccupied by known broadcasters, again with an open carrier, S9+15, Nov 12 at 1431, but also with a continuous het or tone, could not tell which.

** **ALBANIA** [and non]. 13635, CVC Darwin, Nov 11 at 1526 with music, fading S3-S8 only, no comparison to big steady S9+20 carrier from Tirana about to start English.

** **ANGUILLA** [non]. 11775, open carrier only Nov 11 at 1508 and still at 1515, missing my PMS fix. Out of habit, one goes to WWCR 13845 instead, but that's now ceded to Brother Scare daily at 15-19. Say, lacking PMS, why not put local Caribbean Beacon programming from 1610 on 11775 for a while, as was done inadvertently a few months ago tho not by itself?.

** **CHINA.** Firedrake Nov 11 at 1449: 10210 poor, 9000 fair, 8400 absent.

CNR1 jamming: Nov 11 at 1535 on 9440 vs RFA Mandarin via Tinian during this hour only also producing fast SAH approx. 10 Hz; same songs from CNR1 on // 9450, 7445, 7385, 7365.

** **CUBA.** Answering my own question of 24 hours earlier: yes, RHC is still using 13790 for French at 0000. UT Nov 11 propagation had not quite dropped out, so RHC IS was to be heard on 13790, not // 13770 and all the other Spanish frequencies. Then opening in French from the intonation, altho it was too poor and fading out to be certain it was not Creole instead. 6140 was both on the air and in English, UT Nov 11 at 0645 and to boot, DXers Unlimited was just starting at this odd time. It's supposedly at 0535 UT Weds, so tape playback mixup? Or just play it whenever they feel like it. // 6060, 6010, while 6150 and 6120 were in Spanish.

11760 is now in its eighth day of not producing two dozen spurs, at 1507 Nov 11. Perhaps decided they were unnecessary as at this hour it's accompanied by plenty of fundamentals in a 110 kHz span: 11690, 11730, 11800. It's also somewhat remarkable that we have not heard any leapfrog mixing products among these (and Venezuela, q.v. relay on 11680).

Unlike on 22m, where RHC 13770 leaping over CRI 13740 relay could be clearly heard on 13710 at 1527 atop Saudi Arabia Arabic and making a varying SAH averaging 88 per minute, or 1.47 Hz.

11600 with typical DentreCuban Jamming Command, Nov 11 at 1530. While not a heavy wall of noise like on 11930, this was more than just standby-mode, with pulses plus noise atop some weaker victim.

But nothing here Cuba needs to jam --- or is there? 1500-1530 is R. Prague in Spanish to Europe, and 1530-1600 is R. Slovakia International, also in Spanish to Europe. Further punishing Prague for doing business with WRMI? Cannot explain it as a mixing product or other spur.

** **ECUADOR**. HCJB definitely still active on 6050, Nov 11 at 0329 with automated ID for 690 and 6050 kHz, automatic timesignal and 0330 into remnant English program Spotlight. They are due to switch this frequency from Pifo to Pichincha MW site any day now, and presumably signal will weaken considerably, especially abroad.

What about HCJB DRM? Not much has been said about exactly when that would be closed down from Pifo, but using lower rhombic antenna, not so critical for air traffic safety. Here's the answer from Eric Earl, Atlanta on the DRM NA yg Nov 6:

``Just received a letter from HCJB Pifo/EQ. that their 15280 DRM transmissions (2000 UTC) will finish as of the 15th of November.

Regards, Eric// Atlanta.``

Yet, the DRM DX schedule at

<http://www.baseportal.com/cgi-bin/baseportal.pl?htx=/drmdx/main&sort=Country,UTC>

as of Nov 11 has already removed all Ecuador entries from their list!

There was another HCJB DRM in Portuguese at 15-17 on 11700-11705-11710 which will presumably close on same date. I could not detect it Nov 11 at 1632, but at 110 degrees on a lower frequency it is harder to hear than the DRM noise on 15275-15280-15285 at 20-22, 35 degrees even tho only 4 kW.

** **INDIA**. AIR Aligarh blob again Nov 11 centered about 9460, mushing up adjacent channels too, at 1340 check, but pretty weak along with 9425 Bengaluru. At 1451, the latter in English, YL speaking deliberately, but hard to understand, adding to accent the somewhat distorted undermodulation and reverby studio ambience.

** **INDONESIA**. VOI, 9525.9, Nov 11 at 1350 fairly good modulation but by this late in the English hour it's just music fill. RRI, 9680 had more interesting music an hour later, overlapping chanting voices with wind instrument, sounded sorta reverent, but qan't qall it Qur'an, unless that really varies in Indonesia. Irreverently cut off the air abruptly at 1457:20*.

** **KOREA NORTH** [non]. 5985, JSR check Nov 11 at 1424, YL in Korean --- wait a minute! She is speaking English, but the intonation/heavy accent is Korean, with particulars about an abductee. Piano background constantly. Shortly into close-down announcement mentioning repeatedly by OM and then by YL again, ``This is Shiokaze, Sea-Breeze, a shortwave program from Tokyo, Japan`` and off at 1430*. Only fair signal but still no jamming or QRMyanmar at all audible here. So this was a Wednesday in English (more or less), not always the case, as English more reliably is on Fridays.

** **LIBYA**. 21695, Voice of Africa in English, Nov 11 at 1518 interviewing someone about the languages of South Africa, of which eleven are official, including some which are more associated with neighbors, such as Ndebele and Tswana. It's OSOB, the only station on band that is audible, nothing from the regulars Spain or Saudi Arabia; and // 17725 at about the same level.

** **MEXICO**. Just after getting KQWB 1660 from the north, tuned down to 1570 and there was XERF from the south, where the sun is not so low, Nov 10 at 2100 UT ID with local address, phone number, atop US QRM on the nondirexional caradio antenna, then norteña music with accordion.

** **MEXICO** [and non]. Checking 6185 for XEPPM and co-channel QRM, Nov 11: tune-in 0619 already in the clear, so now I need to determine when Vatican really finishes; however, propagation from Europe varies quite a lot from night to night. To my surprise, 6185 remained XEPPM-only with jazz guitar music e.g. at 0645, until RNA Brasilia finally cut on at *0659 rather than the usual 20+ minutes earlier, overtaking the frequency but XEPPM still capable of rumble-hetting the Amazonians.

6105, XEMQ Mérida in the clear with no het, Nov 11 at 0703 with peppy music, fading up and down, believe heard `Candela` ID thrown in over music at 0707. At 0711 live DJ came on with phone number, for requests? Mentioned Valladolid, another town in Yucatán. Then excitedly assured us thrice the time was 1:13, even tho it was only 0712. Did not want to bother to pin down off-frequency at this time, but at next check 1435 the Chinese on 6105 had the usual het from approx. 6104.8.

According to B-09 schedules, the clearest times for XEMQ, i.e. no major broadcasters on 6105, are: 0600-0800 (or 0745 or 0815 depending on day of week and when TWR opens from Nauen), 1130-1200, 1300-1400, 0000-0300. These times are totally fortuitous, as HFCC members care nothing about protecting little stations like this, even if, off-frequency, they can at least impose an annoying het on the big guns.

See Aoki list. That is, disregarding Bolivia, Brasil, Paraguay which are inactive or too weak, far away to matter much, and Costa Rica which has been gone for years. Of course, circa midday as well for those who are close enough and when extracontinental QRM is not propagating.

** **NEW ZEALAND** [and non]. RNZI is working on resolving the collision on 6170, but meanwhile it continues, Nov 11 at 1406 with local weather from National Radio, but cut off the air at 1407-1410, making it easier to hear VOR in Chinese. Meanwhile, nothing on alternate 7440. By 1436, VOR was about all one could hear on 6170 even with NZ on. At 1459 check on 6170, nothing but VOR IS.

** **SAUDI ARABIA**. Instead of blasting away as usual, the Buzzing Service of the Kingdom of Saudi Arabia was relatively weak on 15435, Nov 11 at 1511, measured only S9+8 at 1523 as the Arabic underneath was almost readable by comparison. But all signals from the region were weakened today.

** **U S A**. WRMI usually has good clear modulation on 9955, but Nov 11 at 0625 I noticed the Wire Light women conversing

were both somewhat distorted, maybe an input rather than output problem; the carrier remained stable. Since it's UT Wednesday, WRMI was on the NW antenna, audibilizing it here with the cooperation of the MUF and the DentreCuban Jamming Command.

** **U S A**. Nice low-sun but full-daylight X-band opening, Nov 10 at 2100 UT, with KQWB, West Fargo ND on 1660 way over classical from Kansas City. Legal ID also mentioning ESPN, but for news it's CNN. On caradio ergo nondirexional antenna; XERF 1570 was in at the same time from the opposite direxion; see MEXICO. Omaha was also in on 1620.

** **VENEZUELA** [non]. 11680 via CUBA tuned in at 1458 Nov 11, RNV CI giving Apartado 3979 address, seemed like closing transmission, but not supposed to be on in the 14-15 hour. Continued past 1500, so apparently the next scheduled transmission was turned on early; at 1505 stirring up war hysteria in Spanish.

UNIDENTIFIED. 870, Nov 10 at 2110 weak signal in Asian language, heard ``Salaam`` mentioned, possibly part of program name if not just a greeting. KFJZ Fort Worth is the usual daytime groundwave occupant of 870 here, but skywave may have started as it had in the X-band. Trouble is, KFJZ is supposedly Spanish religion, and the 2009 NRC AM Log does not show any other ethnic formats on 870, let alone from the nearer stations to the north and east of here. Ideas?.

UNIDENTIFIED. 6135 or maybe 6134, TADIL-A bonker quite active now intruding in the 49m exclusive (ha) SWBC band, noted around 0000 Nov 11 and also at 1436. Broadcasters, beware of using 6135. And most of them do avoid it; nothing major from the western hemisphere, but VOR in Portuguese and Spanish via Tajikistan to SAm at 00-03. Victimized by both VOR and TADIL-A is R. Santa Cruz, Bolivia, which Aoki lists as 0900-0100 only, and it's slightly on the lo side.

UNIDENTIFIED. 6159, something sending irregular beeps, carrier on and off, Nov 11 at 1439, QRMing CKZU; plus some Spanish 2-way SSB slightly lower about 6158.5, accursed intruders.

UNIDENTIFIED. 8001, at 1448 Nov 11, regular time-signal-like beeps at the rate of 80 per minute. If not propagation research station in Japan, could be a HIFER, secretly-located low-power automated transmitter for hobby purposes, and the rate of beeps could indicate the ambient temperature or some other meteorological observation, but not directly, as 80-F-degree temps unlikely around here now.

UNIDENTIFIED. 15115-15120-15125, DRM noise Nov 11 at 1525. Is anything listed on any of these frequencies in HFCC, Aoki, EiBi or DRM DX schedule? Of course not!.

BRAZIL [and non]. RNA sign-on observations Nov 10. Or I should say cut-on, since programming is already in progress when they turn on the SW transmitters. 6185 XEPPM blessedly clear at 0625, so I kept listening apprehensively for the blastaway. RNA carrier and modulation on at *0638, Brazilian song. Then checked 11780 and found open carrier but no modulation until that cut on at 0640:20 becoming // 6185.

** **CHINA**. Firedrake Nov 10 at 1438: 8400 and 9000 poor, 10210 very poor.

** **CHINA** [and non]. 9450, good signal in Russian from CRI, Nov 10 at 1435, atop something co-channel. O, this hour at 37 degrees from SZG site is also USward, and it conveniently blox Sound of Hope, 100 kW, 335 degrees from Yunlin, Taiwan, per Aoki. Or is there formal jamming as well underneath there?.

** **CUBA**. There's at least one anomaly every day from RHC, an unfailing source of DX news: Nov 10 at 0625, 6140 was off the air, so no way to know whether it would have been in English or Spanish. English was on 6060 and 6010, Spanish on 6120 and 6150.

And the 11760 transmitter is now in its seventh day of not producing two dozen spurs, Nov 10 at 0639 and 1526 chex.

** **EGYPT**. 15710, R. Cairo Indonesian service back to self-inflicted wound but still not mortal: Nov 10 at 1345, distorted modulation cutting in only at peaks as YL tried to talk to listeners.

** **GERMANY** [non]. 15205, at 0642 Nov 10, African language mentioning Niger and Nigeria. I bet it's Hausa. Yes, DW Rwanda scheduled during this semihour, unusual opening from Africa, while RA was even better on 15240.

** **INDIA**. AIR 9470 Aligarh distortion blob centered on 9465 Nov 10 at 1320 introducing Vande Mataram, // clear Bengaluru 9425. RA 9475 is on the edge of the noise this time and one needs to offtune to evade it. Same situation at 1436 check.

** **INDONESIA** [and non]. 9525.9, VOI, Nov 10 at 1319 mentioning Exotic Indonesia so it's another Tuesday excursion to Banjarmasin. Others find the modulation adequate but I do not, especially with QRM from stronger 9530 stations, CNR1 ChiCom jamming and/or VOA Chinese via Philippines. That's off at 1400, and at 1433 VOI Malay hour had better modulation and no QRM, so no-strain copy if only one understood Malay; there were intermittent long tones in the background, suspected to be on the audio feed from Jakarta rather than QRM. RRI 9680 was also in before 1400 with better modulation than 9525.9.

** **JAPAN** [non]. 17735, fair with deep fades, Nov 10 at 1511 music, into Japanese announcement, so suspect NHKWNJR, but surely not direct at this hour. Yes, it is // Yamata 9535 which is about two words ahead. 17735 is via Issoudun [note spelling], FRANCE 15-17, 500 kW, 152 degrees.

** **KOREA NORTH**. 2850, P'yongyang, fair S9+10 with choral music, Nov 10 at 1335. Also NK signals on 3320, 3480.

** **MOROCCO**. Happened upon RTVM, Nov 10 at 1459 on 15341, so observed the QSY. 15341 off at 1500 sharp, 15345 on a semiminute later. Arabic programming in progress had been interrupted; no announcement, I am sure, such as ``Please retune your radios 4 kHz higher in the next half-minute`` but as one who is included, I did so anyway.

** **NEW ZEALAND**. RNZI's appearance on AM 7440 in addition to AM 6170 Nov 9 in the 13-15+ UT period must have been only a test, as no sign of 7440 on Nov 10 at 1325, but 6170 was atop VOR and readable in report about Tonga ferry sinking: crew finally realized something was amiss when water was up to car handle level in the cargo deck! Het from 6170.4 DZRM also audible. By 1428 still no 7440, and 6170 was losing ground to VOR at almost equal level now, het gone. What next? Still nothing about this on the RNZI website.

** U S A. WTJC 9370v spur report Nov 10 at 0635: noisy blob covering 9275-9330, but no match on the hi side.

UNIDENTIFIED. 2750.0, sweep tones upward followed by a short low tone and a short high tone, repeating exactly same pattern 16 times a minute, good signal, Nov 10 at 0633, Halloweeny. Ideas?.

UNIDENTIFIED. 11494, SSB contact with engine whine at 1518 Nov 10, said ``turning back to Elizabeth City``, i.e. a flight out of northeastern North Carolina. May have been more like 11493.5 but no more transmissions in next few minutes to downpin it. I hope they arrived safely.

UNIDENTIFIED. As I was tuned to Israel 11590, Nov 10 at 1522, noticed another carrier sweeping slowly downward across it with continuously varying het, but the carrier is wobbly. Could be an ionosonde, tho these usually run faster. It had reached 11570 two minutes later, and then was gone. Could also be some ailing broadcast transmitter/spur upwarming.

** **AFGHANISTAN** [non]. 7595, Nov 10 at 0049 fair but fluttery signal with clip in English, then something else. It's R. Ashna, one of the IBB services via Sri Lanka, 250 kW, 334 degrees also USward, the 0030 hour in Pashto, then the 0130 hour in Dari.

** **ALBANIA**. R. Tirana check at 0007 Nov 10 on 6110, way under co-channel R. Habana Cuba. At 0048, the other Tirana channel, 7425, was very poor, mainly conveying a weak SAH between them and something else, which per skeds must be CRI English via Kashgar, E Turkistan, 100 kW, 174 degrees but enough to mess up Tirana way over here.

** **CHILE**. Someone is now paying attention in Calera de Tango. On Friday and Saturday evenings into the next UT days, the CVC 9745 transmitter in Spanish was extremely distorted and spurring almost 100 kHz down. Did not check the next night, but UT Nov 10 at 0045 it's back to normal.

** **COSTA RICA**. I don't DX much in `prime time` because of everything else going on, not least the amount of household and neighborhood noise sources, resulting in missing some neat stations others are catching. So Nov 10 I braved the noise for the preceding hour at 00-01, and managed to hear the harmonic on 2859.8, which must be pretty strong to occasionally peak above my noise level, definitely in Spanish, but nothing much heard except ads mentioning phone numbers around 0015. No ID caught but has been thoroughly IDed by several others as R. San Carlos, 2 x 1429.9. If I could escape the damn noise level, I would love to uncover some more LAm or US MW harmonics below 3.2 MHz. But it's almost Xmas and likely to get worse before it gets better, at least in urban areas like the Enidplex.

** **CUBA** [and non]. DentroCuban Jamming Command transmissions and some of its victims or [non]: Nov 10 at 0003, still jamming 5940, abandoned by VOA Spanish when it was during the previous hour anyway; but heavier jamming on 5890 against current VOA Spanish such that the latter could barely be heard --- until 0100 Yankee Doodle Dandy sign-off. Back at 0043 check of 9885, just lite jamming, no VOA audible.

At 0045, R. República was doing slightly better on 9810, at least detectable Spanish with the jamming noise. [See also USA: WRMI] Is RHC still using 13790 evenings for French and Creole from 0030 as in previous schedule? Not a trace of it Nov 10 at 0037. Are these on some lower frequency now as yet undiscovered, or just vanished? WWCR/PMS was still audible on 13845. See also ALBANIA, KOREA NORTH, MEXICO for QubaRM.

** **DOMINICAN REPUBLIC**. 6025, another station I had not logged since its reactivation a few weeks ago, simply because of inconvenient scheduling: R. Amanecer, Nov 10 at 0005, Spanish with reverberation as if from an improperly tiled sanxuary, talking about dios. Has lo het and also splash worse from 6020 than from 6030, so it helps to step up to 6026.

Amanecer had improved somewhat by 0054, but still with lo het, when the WYFR hymn theme was being performed by YL and chorus with Spanish lyrix, i.e. known in English as ``To God Be the Glory``. Should we trust a deity who expects to be glorified? What an ego!

Per EiBi, Aoki and HFCC, the only other station on 6025 at this hour would be R. Illimani = Patria Nueva, Bolivia. 6020 = CRI via Albania.

What about R. Discovery, coming to Santo Domingo on 4780, by when? Jeff White tells me Nov 10: ``I would say maybe by year's end for the DR, looking at my crystal ball``.

** **ECUADOR** [non non]. We have been wondering if HCJB is really about to close down the last SW transmissions from Pifo. Stephan Schaa of HCJB Germany tells DX LISTENING DIGEST:

``Pifo's final (international) transmission should be end of this week on the 15th of November. The only transmission that could still be transmitted from Pifo some more days is the 6050 kHz. But the transmitter on Pichincha is ready to go and transmissions are shifted to the new place as soon as authorities approve the transmitter up there. 73, Stephan``

The international one referred to is 11920 in Kulina and Portuguese, destined to switch to Chile site but at a later hour? On UT Nov 10 at 0031 I am hearing 11920 from Pifo in Portuguese greeting listeners in Acre, with music dedications. I guess it still spans 2245-0230 but hours not confirmed.

Ian Baxter of shortwavesites yg also wonders if I am still hearing 6050. Nov 10 at 0032 I could hear something weak there in non-Spanish, but heavy splash from Spain on 6055. That was the Cofan semihour in A09, and probably still is, but I could not hazard a guess whether the site is really Pifo or Pichincha already. BTW, I see the new EiBi B09 schedule <http://www.eibispace.de/dx/freq-b09.txt> does not show HCJB on 6050 at all.

** **KOREA NORTH** [and non]. La Voz de Corea ID in Spanish heard as soon as I tuned across 15180, Nov 10 at 0035. This frequency has a self-imposed rumble on it. Bandscanning downward, soon found at 0037 clear // with stronger signal on 13760, concluding ``impressions of a foreigner visiting`` and music; and at 0042 also // 11735 which had a lite hum.

BTW, I assume Radio Habana Cuba abandoned its long hours on 13760 earlier in the day, so I could no longer remark about that, ``Commies vs Commies!``.

** **MEXICO**. Another fragment of XEQM Mérida made it thru on 6104.8 or so, Nov 10 at 0059 when I heard a few

words of Spanish until overridden by the RHC news sounder from 6110. No doubt nearby Cuba's long hours on 6110 also obstruct RASA 6105v wherever else it is trying to be heard. And then at 0100 RCI started squeezing it in Spanish from the other side, 6100.

** **THAILAND**. HSK9, 12095, Nov 10 at 0039, good signal but fluttery during live relay of morning English newscast, at the moment with long commercial (or two in a row) for Thai Airways, e.g. "fly Thai to Belgium", 7:40 timecheck, business news. Always fun to hear commercials from a government station on SW, Radio Thailand.

This semihour is registered as 6 degrees from Udorn, which means transpolar to eastern USA; yet the CIRAF targets, instead of 8, are 6 and 7 which mean W&C NAM. Anyhow, we could hear it. Hmmm, is it permitted for IBB USG transmitters to broadcast commercials, at least without a disclaimer??

** **U S A**. During my evening bandscan hour of 00-01 UT Nov 10, I could not hear any trace of WRMI on 9955, and assumed they were silent as usual until 0100, but after 0200 I find this note from Jeff White:

"Glenn: Sorry for the short notice, but we are broadcasting a special live program tonight at 0000-0200 UT Tuesday on 9955 kHz from Radio República to mark the 20th anniversary of the fall of communism in Europe. The program will be repeated tomorrow at the same time. Jeff"

So they were on, but presumably on the SSE antenna instead of NW. How about 24 hours later, antennawise?

Jeff replies: "Glenn: Both tonight and repeat tomorrow are on south antenna; it's for Cuba. We have lowered the northern antenna to about 1/4 of usual height due to heavy winds from the hurricane that were really making it sway a lot. It will stay in this position till the hurricane/winds pass, but we'll try transmitting north during usual hours. Jeff"

** **U S A**. WWCR-1 on new 3240, Nov 10 at 0013 talking about the Fed, VG signal ex-3230 at 23-02 which itself was new only a couple weeks ago. Presumably, some prior user of 3230 filed an objection, probably US government or military. Now we'll see if anyone plays the NIB card on 3240. The <http://www.wwcr.com/transmitter-sched.html> still shows 3.230. I assume that after 0200, WWCR can safely stay on its original 90m outlet, 3215, recently usurped by WWRB until that hour; unless they would rather be on 4755 anyway, see UNIDENTIFIED. Yes, there's a lot of usurpation going on and I seem to be using that term more lately.

UNIDENTIFIED. WWCR-1 has been reporting testing more on 4755, and even asking for reports, but I have yet to catch it again; checked UT Nov 10 at 0010 I heard instead on 4755 something fluttery with a fair signal, but nothing like WWCR on 5070 or 3240 [see USA]; seemed to be in Portuguese, but I'm not positive it was the only other known station on frequency, R. Imaculada Conceição, Campo Grande MS, BRAZIL, which stands to lose a lot if WWCR adopts 4755 permanently any time but 03-07 when RIC is off, per Aoki.

Of course, there is supposed to be another 4755, The Cross, Pohnpei, Micronesia, but no progress there after 25 months of silence, still the same apologia at <http://www.pmapacific.org/ministries/radio/shortwave.php>.

ALASKA. RHC blox KNLS on 6150: see CUBA [and non]

** **AUSTRALIA**. These fall nitemiddles, we are lucky to hear anything from RA on 13630, let alone anywhere higher, but Nov 9 at 0613 was more like August, VG English signal on 15160, and progressively somewhat weaker on // 15240, 13630, 13690. See also SAIPAN. 9475 blob QRM: see INDIA

** **CHINA**. Firedrake Nov 9: at 1310, poor on 8400 and 9000, nothing on 10210. At 1435, 10210 had become JBA. See also MALAYSIA

** **CHINA**. 5175-5225, OTH radar pulses, presumed from here, Nov 9 at 1430.

** **CUBA** [and non]. Unlike many nights inaudible, RHC 11760 was inbooming Nov 9 at 0610 in Spanish, S9+22, and still no spurs! Also spurless at 1504 check.

However, propagation from Cuba was so pipeline at 0611 that remnant DCJC jamming pulses were also clearly audible on 11930 against non-Radio Martí, enough to bother Brasil on 11925. Just another example of Cuba's cynical attitude about jamming, not bothering to restrict it totally to when really "needed". See also USA: VOA.

11435.0. huge S9+22 open carrier plus hum, Nov 9 at 0612, correlating nicely with opening from RHC on 11760, so likely a spy transmitter at same or nearby site. See previous report in DXLD 9-007. Another suspicious open carrier on 9085.3 at 0627.

6180 was one of the RHC frequencies listed on En Contacto (see my previous report) as deleted. That may be so in the evenings, but not in the mornings --- still there until 1257* Nov 9, presumably from at least 1100 for Despertar con Cuba. Also 10-11 for Venezuela relay.

At tune-in 1255 all three were running, 6110, 6150 and 6180. 6150 cut off less than a minute later at 1258* audiblizing praise music ending KNLS's English hour now being crushed by the Cubans; while 6110 continued as usual, to be on all day and evening. It was quite undermodulated compared to the other two.

** **CYPRUS**. OTH radar pulses, presumed from here, Nov 9 at 1334 on 13935-13960.

** **EGYPT**. 15710, R. Cairo Indonesian service, Nov 9 at 1335 check, quite weak, but as best I could tell the modulation was not too bad unlike most days and should have been comprehensible.

** **HAWAII**. AFN's "format change" to country music via Pearl Harbor 10320-USB was short-lived, and I suspect ad-hoc, so no telling if or when it will change back, but Nov 9 at 0622, back to news/talk feature bits, Osgood File from CBS, about Ft Hood. Also at 1433 news update from AP about American hostages in Iran, AFN ID.

** **INDIA** [and non]. Where will the AIR Aligarh blob be today, Nov 9? At 1317 I find mush centered right on top of 9475, R. Australia in Chinese. It's so distorted that I cannot recognize AIR IS or Vande Mataram // weak 9425, but no doubt this is it. 1437-1500+ the same.

** **INDONESIA**. After an 8-day absence, VOI is back on 9525.9, Nov 9 at 1317 during English, but no improvement in modulation, still just enough to recognize the YL announcer, so why bother?.

** **KOREA NORTH** [non]. 5985, Shiokaze, via JSR Japan, Nov 9 at 1420, sad Japanese YL talking with mandatory piano background, ultimately IDing as ``Kochira wa Shiokaze desu`` before 1429. No QRM at all here, unlike Myanmar and Juche jamming washing up onto Asilomar Beach.

** **MALAYSIA SARAWAK** [and non]. 5030, Nov 9 at 1429, fast rippling SAH with CNR1 Beijing in Chinese pop music // much weaker 4460. By now Cuba 5025 had weakened enough not to be a problem, but China is always on top of 5030, and hardly ever free of the SAH. The co-channel on 5030 has to be RTM Kuching, 10 kW, but all we can do is wait and hope for a CNR1 transmission break.

** **NEW ZEALAND** [and non]. Nov 9 checking for RNZI vs QRM: No sign of DZRM on 6170.4, but on 6170.0 at 1259, VOR IS quite good; RNZI cut on with a SAH a few sex before 1300, no bellbird or sign-on routine, right into news. Now the two signals were roughly equal, or a slight advantage to NZ as VOR went into Chinese opening, pronouncing a URL in English. Then at 1313 I find that RNZI has taken my advice and reactivated the second transmitter due to the 6170 clash: there it is // on 7440, not DRM, but AM too with report from Saipan.

This was an off-week for fortnightly Mailbox Monday at 1329, so no chance to hear any explanation from Adrian until next week. Instead, a report about thousands of weed-eaters. I think this was about devices rather than fauna.

7440 was the frequency originally planned for the 1300- period in B-09, but avoided due to potential clash with IBB via Sri Lanka. Did NZ get IBB to vacate? At first it seemed so, as no QRM on 7440. But by 1411 the co-channel QRM had grown as NZ was talking about birdwatching.

On the FRG-7 with longwire aimed toward NZ, RNZI remained dominant, but on the YB-400 with interior randomwires, it was a very different story, at best an even mix. At 1445 found NZ even weaker on 7440 vs Udorn, and 6170 was nothing but Chinese from Chabarovsk.

7440 has the VOA Urdu service at 13-15, but the first hour is via Sri Lanka at 315 degrees, while the second hour is via Thailand at 300 degrees. NZ has a choice of 35 or 325 degrees on 7440 at 1300-1600. After 1500, IBB is finished with 7440, so at 1517 NZ in clear again but declined to poor signal by now, and with splash from 7445 RFA Chinese via Tinian + ChiCom jamming.

Is there anything about adding 7440 during this time period on the RNZI website? No, not under what's new, and the grid still shows 6170 only at 1300-1549. But I did find this:

``Notice for DRM Europe Listeners, 01 Nov, 2009 21:55 UTC: RNZI is no longer broadcasting on VT Group's DRM digital service in Europe. DRM listeners in Europe can access RNZI through the World Radio Network (WRN).`` ?? Well, so can AM listeners in Europe, of whom there are a lot more.

** **POLAND** [non]. 11675, PRES continues to be a VG reliable English hour in our mornings, even tho we benefit only accidentally by being beyond the true British Isles target in the same direxion from AUSTRIA. Nov 9 at 1345 with Soundscapes feature about how Poland is homogeneous with only 2% resident foreigners, so most Poles have never met a nonPole; and they have a negative opinion especially of Russians, Ukrainians and Jews.

** **SAIPAN**. A nightmiddle opening up to 18 MHz, unusual now but common in summer: Nov 9 at 0615, RFA Chinese on 17880 and 17615 but deliberately unsynchronized, poor signals; surely this rather than ChiCom jamming. See also AUSTRALIA. Nothing unusual per SWPC:

``Geophysical Alert Message # Solar-terrestrial indices for 08 November follow. Solar flux 71 and mid-latitude A-index 7. The mid-latitude K-index at 0600 UTC on 09 November was 1 (9 nT). No space weather storms were observed for the past 24 hours. No space weather storms are expected for the next 24 hours.``

** **U S A**. Checked for DXing with Cumbre at 0345 UT Nov 9 on both 7315 and 7385, WHRI and WHRA as in the WHR online schedule for 0330 UT Mondays: no signals, no surprise due to their imaginary SW scheduling, perhaps fooling paying customers who never turn on a radio.

** **U S A**. Checking the morning VOA Spanish frequencies, Nov 9 at 1323: VG on 9885 and 13715, but the third Greenville channel, 15590, much weaker as the MUF had not built up. Notable that no DentreCuban jamming could be heard on any of them, maybe just a fluke, as they are still jamming the 23-24 broadcast on 5890, 9885. Propagation from Cuba was certainly open, e.g. RHC on 15120.

UNIDENTIFIED. 13706, intruding 2-way Spanish on SSB, Nov 9 at 1510, wedged between 13695 WYFR splash, 13700 algo and 13710 Saudi Arabia and Cuban leapfrog. Slightly off 13706 to the lo side.

ALBANIA [and non]. R. Tirana on 7465, Nov 7 at 1944 with IS, good S9+15 signal and opening English // 11635 which was S9+12 but with deeper fading. No interference on either.

R. Tirana collision with Habana on 6110, Nov 8 at 0056: R. Tirana the best yet, definitely atop, so maybe even better in ENAm, especially if RHC is non-direxional on 6110 like it was on ex-5965, still listed by Aoki with nothing from Habana on 6110 despite our numerous reports of it the past week. Confirmed Habana 6110 under Tirana by // 9600, and at 0101 after all the other RHCs oncame, 6060, 6120, 6140. Let this not encourage R. Tirana to stick on 6110 instead of getting out of this mess.

** **ARGENTINA**. 11711, presumed from here, weak het against VOK, Nov 7 at 1341, we can hear again thanks to the continued absence of the RHC spurblob from 11760 which landed around 11708-11709 for almost a full solar rotation, from at least October 10 until November 4.

** **BRAZIL**. RNA, 6185, cut on the air abruptly at *0636 Nov 7 and immediately modulating, blasting away XEPPM, México's soft romantic music with guitar.

** **BULGARIA**. 6200 with undermodulated east European folk music, Nov 7 at 2038, first thought Prague, as they use

channel at times, but really R. Bulgaria, always ending in -00 and clinched by // stronger 7400. This hour is in German.

** **CHILE**. CVC's 9745 transmitter is still totally out of whack, 24 hours after first noted; is anyone paying attention in Calera de Tango, Miami, or West Bromwich? UT Nov 8 at 0056, extremely overmodulated and distorted on 9745, and splattering downward but not upward; worst areas are 9695 and above, but detectable down to 9650, QRMing numerous other stations. Are those paying any attention either?.

** **CHINA**. Amid the N Korean signals on 105, 90 and 85 meters, on 3280, Nov 7 at 1329, a child was singing in Chinese, i.e. V. of Pujiang, Shanghai, listed as only 15 kW.

** **CHINA**. Firedrake Nov 7 at 1336: 8400 better than 9000 better than 10210.

** **CHINA**. 9120-9145, OTH radar pulses, Nov 7 at 1336, presumed from here altho narrower-band than usual, more like Cyprus but less likely propagationally at this hour.

** **CUBA** [and non]. RHC's usage of 6010 at 05-07 in English continues to be sporadic; I am sure they have better reasons than deferring some of the time to XEOI, but Nov 7 at 0627 XEOI was in the clear, and again could not tell if LV de tu Conciencia, Colombia was there too.

RHC was on 6060 and 6140 in English; 6120 and 6150 in Spanish.

Confirming the active RHC Spanish frequencies during the 19-20 UT hour, Nov 7 at 1942: 13770, 11800, 11760, 11730, 11690, 6110. I believe it's the same set between 15 and 20. Also RNV relay on 15290, VG at 1923.

I also need to catch the frequencies RHC claims to be using from 2100, for the Revista Iberoamericana. Nov 7 at 2103 I missed the first part of the announcement on spurless 11760, presumably concerning 13 MHz, just 11760, 11800, 9660, 6110. But they were really heard on additional 11730 and 11770. One of these ought to be breaking away for other language services, but often they are all // in Spanish. See also ALBANIA; ARGENTINA; USA WRMI.

** **CYPRUS**. 15055-15080, OTH radar, Nov 7 at 1526, presumed from here, and bothering the distorted R. Cairo signal on 15080, tsk2.

** **EGYPT**. 6270, R. Cairo in French already audible with fair signal as early as 2036 Nov 7, not much weaker than, but less modulated than Arabic on 6290. see also CYPRUS

** **INDIA**. AIR Aligarh blob Nov 7 at 1334 again centered about 9460, covering 9455-9470. see also USA: WTWW

** **INDONESIA**. VOI missing for the seventh day in a row from 9525v/9526v, Nov 7 at 1335.

** **KOREA NORTH**. Lower bands mostly dominated by signals from here upon quick scan Nov 7 at 1320: 2850, 3250, 3320, 3480(jamming), 3560 all audible.

** **MEXICO**. QRM, or not, to XEOI 6010 and XEPPM 6185: see CUBA; BRAZIL

** **OKLAHOMA** [and non]. Belay my previous remark that KEOR 1120 seemed back on to stay; tho apparently bought or LMA'd by KJMU-1340 and carrying its IDs, next check of 1120 Nov 7 at 1508 found KMOX instead with local ads, ID in passing, just after getting my H1N1 shot. No waiting at the clinic, in fact more red-uniformed nursing students than customers, as lots of Okies are scared to get vaccinated. There was a bit of a SAH circa 5 Hz, so possibly the KEOR carrier was on at some level, hard to tell on the caradio. By 1512 KMOX had faded down or out and still no KEOR.

** **RUSSIA** [non]. 9570 caught my ear with classical music, fair Nov 7 at 1541, but 1545 into Russian talk about bozh, so must be a gospel huxter: yes, R. Blagovest via R. Veritas Asia, PHILIPPINES, 1500-1557, 250 kW at 331 degrees form Palauig-Zambales site, per Aoki.

** **SEYCHELLES** [non]. 9550 at 1949 Nov 7, mix of Arabic talk and music, 2000 apparently news by YL. Is FEBA via RWANDA, 250 kW, 30 degrees at 1900-2030. In that case, probably not real news, maybe just Good News.

** **TUNISIA**. 12005, enjoyable Arab music, Nov 7 at 1934 but gone by 1950, contrary to B09 RTT schedule supposedly on this frequency 1700-2110. One must monitor each Sfax frequency to determine its real span.

** **U S A** [and non]. WBCQ has now abandoned 7415 for most of the time on Saturdays. Nov 7 at 2039 heard instead weak talk in English, no doubt CRI, also with fluttery news in English at 2107.

Aoki shows the default occupants of 7415 as a string of CRI broadcasts via East Turkistan sites: 19-20 Czech, 20-22 English, 23-24 English, breaking at 22-23 to jam BBC Chinese via Thailand. Other days of the week, of course, when WBCQ is on, these can QRM it even in NAm. Not to mention, R. Farda via Lampertheim at 0030-0230.

As far as FCC is concerned, WBCQ 7415 is authorized to run 24 hours a day. It's a pity they do not have enough business to reach anything near that. See the new FCC B-09 schedule as of Nov 3 at http://www.fcc.gov/ib/sand/neg/hf_web/B09FCC01.TXT

Per Aoki, there are additional occupants between 11 and 19, when WBCQ has rarely been on 7415 air.

** **U S A**. The new FCC B-09 schedule has three entries for "WBWW", despite having granted calls WTWW instead already in August to George McClintock's new station under construxion in Lebanon TN. All are 100 kW, 40 degrees: 5755 at 00-07, 9480 at 12-19 and 22-24. CIRA targets are 4,9,18,27,28,37-39,46,47 which means E Canada, all of Europe, N Africa, Mideast. Nothing being heard yet. The AIR Aligarh wandering spurblob often obstructs 9480 after *1317; watch out!

On-air testing was anticipated to start this month, but not much detail at the website <http://www.wtww.us> --- three photos were added in October for a total of nine via <http://wtww.us/pages/images.php>

Skimming thru the FCC B-09 schedule I don't see any surprises:

http://www.fcc.gov/ib/sand/neg/hf_web/B09FCC01.TXT

It still lists imaginary stations KTMi, WBOH and WMLK. Neither this nor A-09 show 3145 for WWRB despite having been using it. And still no listings for the Milton FL CP.

** **U S A** [and non]. 9955, WRMI, VG at 0620 Nov 7 during La Rosa de Tokio, better than neighbor WYFR on 9985. WRMI

must have been on the NW antenna, not the case every night. Jamming not audible, but maybe still under. DentreCuban Jamming Command was certainly running at 1340 against R. Praga Spanish relay; the S/N ratio had improved somewhat as RP was upwrapping at 1354.

WRMI Saturday schedule now includes at 19-20 Happy Station repeat, 2000-2030 WORLD OF RADIO, but Nov 7 at 2000 just jamming to be heard. Maybe on the SSE antenna, or not really on the air, just webcasting?.

** **U S A**. WTJC 9370v is still/again putting out spurs consisting mostly of noise: Nov 7 at 0625 during music, broad dirty spurs centered approximately 9345 and 9395. Same situation at next check 1335.

** **U S A** [non]. VOA's Music Time in Africa, Saturday Nov 7 at 2005, best on 13710 via Botswana, almost synched with good Bonaire signal on 11975, this time featuring Sierra Leone. By 2037 I could also hear it on // 6080 São Tomé, which also might be good enough in ENAm and Europe. Same applies to Sundays at 20-21. And for weekday program during this hour, African Beat.

UNIDENTIFIED. 11532.0, open carrier, some fading, het vs much weaker carrier on 11530, Nov 7 at 0617, the latter presumably WYFR rather than V. of Mesopotamia. Not much else making it on 25 m except NZ on 11725. I have heard the 11532 carrier a few times before, most recently Feb 16, 2009 at 0645 as in DXLD 9-015; also in 9-008, 8-132, etc.

UNIDENTIFIED. 11995, Nov 7 at 1935 with ME music, then undermodulated talk unseems Arabic but similar. I was looking for Kuwait English on 11990, but only a very weak carrier there compared to this good signal --- but nothing scheduled on 11995 after 1900 when France supposedly concludes in French.

UNIDENTIFIED. 15570 with open carrier off and on, Nov 7 at 1524. Nothing at all scheduled here for many hours, so a frequency in need of an occupant, perhaps about to get one.

ALBANIA. R. Tirana check Nov 4 at 1555 on 13640: Good S9+18 signal and good modulation in song a few minutes before closing. Catch this 1530 Mon-Sat broadcast if you can for best propagation and lack of interference.

** **ANGUILLA** [and non]. 11775 missing Nov 5 at 1438 and later after 1500, when University Network is also missing from WWCR 13845, leaving PMS voiceless on SW. If she really cared about being heard 24/7, she would have kept the Cahuita, Costa Rica facility operational for additional redundancy.

** **AUSTRIA** [and non]. Another check for R. Austria International's scheduled relay via Canada on 13675: Nov 4 at 1559* ending CRI relay, and nothing further. Still need to confirm whether Austria's direct transmissions to the Americas still exist, 00-01 on 7325, 01-0130 on 9840.

** **BURKINA FASO**. Not only Mauritania, but Ouagadougou 5030 was also reactivated Nov 3, says Jari Savolainen, Finland, heard at 1745. This one is not so easy with powerful Rebelde next door. Nov 4 at 0628 there was certainly a carrier on 5030.0 and lo modulation amid Cuban splash. WRTH 2009 shows sked as 0530-0800 and 1700-2400, with daytime frequency 7230 0800-1700; is that reactivated too?.

** **CHINA**. Firedrake Nov 4 at 1429: nothing on 8400, 9000; JBA on 10210.

** **CUBA**. Missing the last few nights, 6010 with RHC in English was back Nov 4 --- tough luck, Conciencia and Mil, presumably from 0500, found at 0629 in English, Ann(e) Sullivan with news on the half-hour // 6060 and this time 6140 is in English too. She has a peculiar accent I am trying to place. Is she new with RHC? 0636 over to Ed Newman with weekly Focus on Africa, about African influence in Cuban music.

RHC Spanish at 0635 on 6150, 6120; and just barely audible // 11760 at 0642.

DentreCuban Jamming Command pulsing on 9955, Nov 4 at 0640 underneath VG signal from WRMI with Wire Light infomercial. Since it's UT Wednesday, WRMI is on their NW antenna at this time.

Nov 4 at 1439 started checking for spurs from 11760, but there aren't any! Yet 11760 is on; seems they have either fixed them, or more likely swapped transmitters, as this one has no underlying whine either, and 15120 is missing at 1445 check, while 15360 is still running. Also on // 11730, distorted 11800. In case the bad unit has been put somewhere else, checked 13 and 15 MHz bands but no RHC spurs there either. I am not foolish enough to imagine this problem be gone for good.

New 11730 being run long hours is not exactly clear for RHC. At 1459 heard RRI IS mixing and opening in Arabic; then Russian too, with RHC the #3 signal beneath these. During this one hour only, RRI via Galbeni at 140 degrees and BBC via Rampisham at 62 degrees are already colliding. Welcome aboard, RHC! At 1559, RHC again with 11730 to itself.

At 1500, non-Tony RHC announcer on 11760 listed these frequencies: 13770 (correct!), 11730, 11760, 11800, 6110. But he did not say ``11780`` this time even tho the real frequency that represented, 11690, was up and running by 1507 with usual RTTY QRM.

At 1501 we find RHC 11800 even more distorted than usual, and audio breaking up. 11760 carrier is cutting off and on, and modulation cutting off and on during the periods carrier is on; breakups not synchronized with 11800. At 1507, 11760 is mostly off, 1510 back with open carrier; 1523 staying on with modulation.

The poor Venezuelans also get messed up by the incompetent Cubans, but hey, they're co-religionists, so give them a pass, and keep shipping the oil. RNV relay supposed to be on 11680 at 15-16, but nothing there at 1504, except something else weak in Arabic, i.e. BBC via Rampisham. Finally at *1505:30 on comes the Cuban transmitter joining program in progress, but modulation cutting off and on --- oops, it's RHC // 11730 and 11800. Finally at 1507 cut over to RNV programming.

** **CYPRUS**. Strong OTH radar pulses, presumed from here, Nov 4 at 1443 covering 14900-14930. Also at 1525, 11432-11460 approximately.

** **EQUATORIAL GUINEA** [and non]. 6250, RNGE had been missing for several weeks, but Nov 4 at 0631 there is something in Spanish on 6250.0, ute QRM. Checked RHC on 49m to be sure not a // mixing product. 0632 seems

into music, but fading and soon gone or off. Used to cut on irregularly sometime between 0530 and 0600. Polisario in as usual on 6297, and it holds up later being far to the NW of Malabo. A banner day for African reactivations, along with Burkina Faso and Mauritania, qq.vv.

** **GREECE**. VOG, 15650, clashing with Miraya FM, Sudan via Slovakia, early in the 1500 UT hour Nov 4, so when will Athens get off the frequency? At 1553 still mixing with music, but off at 1554*, and a minute later *1555 comes up in mid-song on 15630, clearing 15650 for IRRS. Now why couldn't they do this 55 minutes earlier, to everyone's benefit? Besides, ERT has registered Avlis on 15630 for 23 hours a day anyway, much of which is wooden. IRRS will not protest to ERA about it.

** **INDIA**. AIR National Channel, 9425 with news in English at 1431 Nov 4; so where is the Aligarh blob today? Weak signals, but seems mushy centered around 9460.

** **INDONESIA**. VOI still missing from 9525v/9526v for the fourth day, Nov 4 at 1432 check. 11785? See SAUDI ARABIA.

** **ISRAEL** [and non]. 11595, OM public-speaking emphatically in Persian, Nov 4 at 1526, interspersed with calm comments by studio YL. If it's in Persian, can't be Iran, since they modestly refuse to broadcast their own language on SW, except I suppose for clips quickly translated. Instead this is the only remaining external service from Kol Israel, 1500-1630, 250 kW, 27 degrees. Modulation is a bit rough, and bothered by Praga from 11600.

** **MAURITANIA**. ORTM, reactivated on 4845 after several weeks' silence, Nov 4 at 0625 with usual undermodulated low-key chanting, which seems designed to put listeners to sleep rather than awaken them; ute QRM on hi side evitable by tuning to lo side. At the very western tip of Africa, 4845 can hold up amazingly long in Nov-Jan with latest sunrises, all the way to 0800 or whenever they switch to daytime frequency 7245; has that been reactivated too? Revival of 4845 all-night will again facilitate MW DXers' identifying MW // 783.

Tnx to Jari Savolainen who first reported 4845 resumed at 1740 Nov 3. Ron Howard says 4845 was off by 0111 Nov 4, so apparently not really all-night, and what I heard at 0143 may have been Brasil instead.

** **MEXICO** [and non]. Never mind my previous comment that XEPPM 6185 had only a half-hour in the clear around 0620-0650. Nov 4 at 0635, Brasilia is already on and way on top, but always with rumbling lo het since Mexico is off-frequency. RNA sign-on // 11780 apparently varies, so one really needs to sit on 6185 in the 06-07 period and see what happen.

** **SAUDI ARABIA** [and non]. 11785 with weak Saudi-style buzz, Nov 4 at 1440 as I was searching for missing Indonesia. Current schedules do not show BSKSA there, but the B-08 in WRTH 2009 does! 250 kW Riyadh at 10-17. So it seems this has been resumed in B-09. 13m was not open so could not hear if it was still buzzy on 21505 too.

The huge buzz on 15435, bothering BBC as far away as 15420, was there after 1500, but no sign of it at 1552. The abuzzy // 15225, was OK with Qur'an earlier but it too missing at 1552; both scheduled until 1800 with first program, so power failure, schedule change, or big propagational dropout? Farda was still in well on 15410 from Skelton.

With Cuba missing from 15120, Nov 4 at 1445 could hear weak Qur'an, then talk in presumed Bengali as BSKSA scheduled here at 12-16, 500 kW, 70 degrees from Riyadh. As best as I could tell, it was on 15120.0, which would not account for the audible het previously heard vs Habana.

** **SUDAN** [non]. The muffled CRI English relay signal via CUBA on 13740 at 14-16 is normally big enough to blot out anything else, but Nov 4 just before it closes at 1556 with vamp music, I notice it mixing with something Arabish. Bears more attention another day, as uplooked later, this has to be: R. Dabanga via Wertachtal 500 kW, 150 degrees for Sudan at 1530-1627.

** **U S A**. Air Force MARS net, 7457-SSB, Nov 4 at 1424; strongest signal from AAF4EL, not sure if NCS, several others barely audible, checking in with no traffic, long pauses. Still going at 1446. Google search on that callsign, certain as given phonetically, gets only two false hits.

** **U S A** [non]. 17610, AWR Afar service via Austria, Nov 4 at 1448 with up-and-down, up-and-down music of only a few notes over and over, which could have been a loop, somehow going to convert the Djiboutians to Adventism? Perhaps by hypnosis. 1458 cut to more melodic music by combo until 1459*.

UNIDENTIFIED. 8001, Nov 4 at 1418, regular CW pulses like time signals, except there are 74 of them per minute. Is this the Japanese propagation research station? Previously clocked at 80 per minute.

ESCUTAS DE ANDERSON TORQUATO

GAROPABA-SC, BRASIL

RADIO: DEGEN-1103 ANTENA: DIPOLO 13 METROS SENTIDO NORTE/SUL

7200- R. Eslovaquia, Rimavska Sobota, ESLOVAQUIA, com 150Kw, Tx em espanhol, 0230, 08/11, Inicio das Tx, 44444 AJT
7245- Voz do Tajik, Dushanbe-Orzu, TADIJKISTAN, com 100Kw, Tx em Persian, 0242, 08/11, Varias Mx da região, 15343 AJT
7460- R.Payem e-Doost(Bahai) , Kishinev-Grigoriopo I, MOLDOVA, com 500Kw, Tx em Persian, 0239, 08/11, Talks OM/ YL, 14342 AJT

9410- Voz da Turquia, Emirler, TURQUIA, com 500Kw, Tx em espanhol, 0200, 08/11, Inicio das Tx, 54444 AJT

9420- Voz da Grecia, Avilis, GRECIA, com 250Kx, Tx em grego, 0201, Mx instrumental e OM, 34332, AJT

9575- Medi 1, Nador, MARROCOS, com 500kW, Tx em Arabe, 0128, 08/11, varias Mx, 55444 AJT

9335- VOA, Kuwait, KUWAIT, com 250Kw, Tx em Dari, 0131, 08/11, OM Noticiario?? , 44433 AJT

9370- VOA, Irana Wila, SRI LANKA, com 250Kw, Tx em Pastro, 0132, 08/11, OM/YL, Noticiario?? , 34233 AJT

9425- CVC, Tashkent, UZBEKISTAN, com 100Kw, Tx em Hindi, 0245, 08/11, Mx e YL, 15442 AJT

9455- CNR8, Lingshi 725, CHINA, com 100Kw, Tx em Uighur, 0134, 08/11, locutor OM/YL, 45444 AJT
9530- CNR11, Baoji-Sifangshan 724, CHINA, com 100Kw, Tx em Tibetan, 0137, 08/11, Mx e YL, 22332 AJT
9570- CRI, Cerrik, ALBANIA, com 300Kw, Tx em ingles, 0139, 08/11, OM/YL Noticias, 42333 AJT
9840- R. Taiwan Int., Montsinery, GUIANA FRANCESA, com 500Kw, Tx em espanhol, 0204, 08/11, Manchetes do dia, 55555 AJT

ALGUMAS TRANSMISSÕES EM PARALELO:

9480- R. Free asia, Sitykunai, LITUANIA, com 100Kw, Tx em Uighur, 0135, 08/11, Talks OM/YL, 42443, AJT
9630- R. Free asia, UNID, Tx em Uighur, 0135, 08/11, Talks OM/YL, 44333 AJT
9645- R. Free asia, Dhabbaya, EMIRADO ARABES com 500Kw, Tx em Uighur, 0135, 08/11, Talks OM/YL, 54454 AJT
9690- R. Free asia, Dhabbaya, EMIRADO ARABES, com 500Kw, Tx em Uighur, 0135, 08/11, Talks OM/YL, 44444 AJT
9670- R Free asia, Wertachtal, ALEMANHA, com 250Kw, Tx em Tibetan, 0141, 08/11, Comerciais?? Locutor OM, 55455 AJT
11695- R Free asia, Dhabbaya, EMIRADO ARABES, com 500Kw, Tx em Tibetan, 0141, 08/11, Comerciais?? Locutor OM, 44444 AJT
9720- CNR2, Baoji-Xinjie722, CHINA, com 150Kw, Tx em Chines, 0222, 08/11, Mx ,comerciais e Talks OM/YL, 21432 AJT
11610- CNR2, Beijing 491, CHINA, com 150Kw, Tx em Chines, 0222, 08/11, Mx ,comerciais e Talks OM/YL, 44434 AJT
11670- CNR2, Beijing 491, CHINA, com 100Kw, Tx em Chines, 0222, 08/11, Mx ,comerciais e Talks OM/YL, 24222 AJT
11800- CNR2, Beijing 491, CHINA, com 150Kw, Tx em Chines, 0222, 08/11, Mx ,comerciais e Talks OM/YL, 23222 AJT
11835- CNR2, Xianyang 594, CHINA, com 150Kw, Tx em Chines, 0222, 08/11, Mx ,comerciais e Talks OM/YL, 32333 AJT
11845- CNR2, Xianyang 594, CHINA, com 150Kw, Tx em Chines, 0222, 08/11, Mx ,comerciais e Talks OM/YL, 44444 AJT
11915- CNR2, Baoji-Sifangshan 724, CHINA, com 100Kw, Tx em Chines, 0222, 08/11, Mx ,comerciais e Talks OM/YL, 22323 AJT
12080- CNR2, Baoji-Sifangshan 724, CHINA, com 100Kw, Tx em Chines, 0222, 08/11, Mx ,comerciais e Talks OM/YL 23333 AJT
11925- CNR1, Lingshi 725, CHINA, com 100Kw, Tx em Chines, 0152, 08/11, Talks OM/YL, 21432 AJT
12045- CNR1, Beijing 572, CHINA, com 100Kw, Tx em Chines, 0152, 08/11, Talks OM/YL, 54444 AJT
7225- Voz do Irã, Kamalabad, IRÃ, com 500Kw, Tx em Espanhol, 0126, 08/11, Nx politica, 44434 AJT
9680- Voz do Irã, Kamalabad, IRÃ, com 500Kw, Tx em Espanhol, 0126, 08/11, Nx politica, 32333 AJT

FM

ESCUTAS DE ADRIANO ROSSONI
RONDONÓPOLIS MT
PIONEER DEH-P7880MP SUPER TUNERIII, ANTENA RC3-FM

Em 14/11 a esporádica abriu com muita força e durou muitas horas além de ter subido em quase todo o espectro de fm.
Emissões identificadas:

88,5 RADIO CANADA FM BRITANIA GO 14/11/09 - TR - 393 Km
88,7 MEBES FM BOLIVIA 14/11/09 - ES - 1.030 Km
89,9 RADIO CULTURA TACNA PERU 14/11/09 - ES - 1.600 Km
91,3 ACRELANDIA FM ACRE 14/11/09 - ES - 1.517 Km
93,3 GAZETA FM RIO BRANCO ACRE 14/11/09 - ES - 1.600 Km

Obs. o áudio delas pode ser ouvido em <http://www.youtube.com/adryan0>

Emissões para ser identificada, assim que possível estarei colocando o áudio delas no youtube também para aqueles que tiverem interesse em me ajudar identificar, nas frequências abaixo existe audio em portugues e espanhol.

88,5 , 89,9 , 90,3 , 93,9 , 92,5 , 95,7 , 96,7 , 97,3 , 99,3 , 99,7 , 100,1 , 100,5 , 100,7 , 102,1 , 102,5 , 102,7 , 103,1 , 103,3

ESCUTAS DE ANDERSON TORQUATO
GAROPABA-SC, BRASIL

Na noite de quinta-feira, 12 de Novembro, fui ao local onde vai ser realizado o II DX-Camp Garopaba, e tive o prazer de gravar alguns audios. Fiz então uma coletânea de pequenos trechos de 4 emissoras sintonizadas. são elas a 88.5- Studio Rock da Rep. Dominicana, 88.7- Joy Fm da Dominica, 92.7- Fame FM da Jamaica e por ultimo uma emissora em 97.1 que não foi identificada. Os Audios estão disponiveis nos arquivos da nossa lista na pasta "escutas de emissoras caribenhas" com o nome "coletânea.mp3" . O arquivo se encontra na pagina <http://br.groups.yahoo.com/group/radioescutas/files/>

Escutas%20de%20emissoras%20caribenha/

ESCUTAS DE IVAN DIAS, SOROCABA-SP, BRASIL
RECEPTOR KCHIBO D96L, ANTENA TELESCÓPICA

92,3 11/11 0143 B Mega FM, Ribeirão Preto/SP, OM tlk abt apagão 35333
94,9 11/11 0138 B Nativa FM, Poços de Caldas/MG, px "Paixão Nativa" 45444
99,7 11/11 0114 B Diário FM, Ribeirão Preto/SP, px "As mais românticas da Diário" 45444
100,5 11/11 0105 B Clube FM, Ribeirão Preto/SP, px "Mano a mano Clube" 45444

Obs: escutas feitas durante o blackout ocorrido entre 10 e 11 de Novembro de 2009 que atingiu diversos estados brasileiros.

ESCUTAS DE RUBENS FERRAZ PEDROSO
BANDEIRANTES-PR, BRASIL
RECEPTOR: SONY ICF SW 7600G, DEGEN 1103, ANTENA: RC3-FM.

SAINT VINCENT & GRENADINES

107.5 NBC, Kingstown, EE, 0223, 08/11, mx caribenha 35333 RFP
96.7 Nice FM, Kingstown, EE, 0225, 08/11, OM w/ discurso 45344 RFP
99.9 WE FM, Kingstown, EE, 0228, 08/11, mx caribenha 35333 RFP
107.5 NBC, Kingstown, EE, 2323, 05/11, OM, discurso 45344 RFP
103.7 Hitz FM, Kingstown, EE, 2325, 05/11, mx caribenha 45344 RFP
99.9 WE FM, Kingstown, EE, 2331, 05/11, OM, discurso 44333 RFP
96.7 Nice FM, Kingstown, EE, 2338, 05/11, OM, discurso 55344 RFP

ANTIGUA & BARBUDA

102.7 ZJF Radio, Saint John's, EE, 2327, 05/11, mx pop internacional variada 55344 RFP
97.1 ZDK - Liberty Radio International, Saint John's, EE, 2336, 05/11, OM, anúncios 45344 RFP

BRASIL

98.3 98 FM, Apucarana - PR, PP, 2332, 05/11, mx, px "Conexão 98", id OM 45344 RFP

SAINT LUCIA

97.3 Radio Saint Lucia, Castries, creole, 2334, 05/11, OM/OM, talks 45344 RFP

UNID

92.3 Unid, SS, 2340, 05/11, OM, px relg 35333 RFP

DOMINICA

107.9 Kairi FM, Roseau, creole patois, 2343, 05/11, mx caribenha, OM 45344 RFP

GUADELOUPE

106.6 RCI Guadeloupe, Guadeloupe, FF, 2350, 05/11, YL, nxs 35233 RFP

ESCUTA DE SAMUEL CÁSSIO MARTINS
SÃO CARLOS-SP, BRASIL
DEGEN 1103, ANTENA TELESCÓPICA

BBC World Service, novo relay em Barbados nos 92.1 MHz.

Entre 28 de Outubro e 04 de Novembro a TEP tem proporcionou ótimas escutas de emissoras de Barbados aqui em São Carlos, com bom sinal e por longo tempo de abertura, chegando a 0240 UTC em uma das noites. Na noite de 02 de Novembro (UTC) pude acompanhar a abertura da propagação em torno da 0020 com as emissoras de Barbados, a propagação se fechou em torno de 0145 UTC. Mas a novidade foi a escuta do Serviço Mundial da BBC nos 92.1 MHz, recepção registrada entre 0120 e 0140. Não consegui identificar o país de origem no momento, escrevi à BBC pois não constava esta frequência no schedule da emissora para o Caribe. A BBC respondeu confirmando tratar-se de um novo relay em Barbados.

O audio da BBC em 92.1 Mhz, assim como de outras emissoras e algumas fotos de São Carlos e região podem ser encontrados em <http://www.ipernity.com/doc/76129>

ESCUTAS DE LUIZ TRESSO
JUNDIAÍ-SP, BRASIL

98,9 03/11 0034 98FM, Curitiba, PR - id, mx "Amanha" w/ Sorriso Maroto, mx pop, info abt show em Curitiba, 55555
103,9 03/11 0042 Jovem Pan, Curitiba, PR - id, mx w/ Britney Spears, info abt Click JP, px musical "As mais pedidas", adv "Voce esta ouvindo a melhor de Curitiba", 55555
105,5 03/11 0108 Dinamica FM, São Manuel-SP,, id, mx MPB, adv "O som que voce ouve e na Dinamica FM", 55555
95,1 03/11 0130 Transamerica Light, ??, id, mx pop, mx romantica, 44444 - (provavelmente de Curitiba)

ESCUTAS DE FLAVIO A. ARCHANGELO E LUIZ TRESSO
JUNDIAÍ-SP

Segue log simplificado realizado com o Luiz Tresso na Serra do Japí (Jundiaí/SP), sábado 01 nov 2009, período da tarde e noite. Destaques para sinais bem fortes da 91 FM (Ouro Fino), Cristal FM (Itapeva) e 96 FM (Bauru). Os receptores foram o Sangean HDT-1X e o Sony XDR-F1HD com direcional de 5 elementos.

88,1 – Gazeta – São Paulo
88,3 – Antena 1 – Sorocaba
88,5 – Laser – Mogi das Cruzes
88,5 – Estúdio (pirata?)
88,7 – Clip – Indaiatuba
88,9 – Notícias – Americana
89,1 – 89 – São Paulo
89,3 – 89 – Campinas (novo RDS)
89,5 – Nova Regional – Tietê
89,7 – Nova Brasil – São Paulo
89,9 – Jovem Pan – Campinas
90,1 – Gospel – Jundiaí
90,3 – Vox 90 – Americana
90,5 – CBN – São Paulo
90,5 – Unid – Loc? (mx pop)
90,7 – DS – Salesópolis
90,7 – Gospel – Loc?
90,7 – Unid – Loc? (mx rlg)
90,9 – 90 – Salto
90,9 – Bandeirantes – São Bernardo
91,1 – Jovem Pan – Sorocaba
91,1 – Unid – Loc ? (pirata? mx sert)
91,3 – Nossa Radio (tent) – São Paulo
91,3 – UNASP (tent) – Artur Nogueira
91,3 – 91 – Ouro Fino/MG
91,5 – Jovem Pira – Piraciaba
91,5 – 91 – Leme
91,7 – Educadora – Campinas
91,9 – Mix – Atibaia
92,9 – Sulamerica – São Paulo
92,9 – Harmonia (tent) – Cerquillo
92,3 – Cruzeiro – Sorocaba
92,3 – Aqui – Loc? (pirata?)
92,3 – Unid – Loc? (mx pop brasileira)
92,5 – Cidade – Campinas
92,7 – 92 – Piracicaba
92,9 – Eldorado – São Paulo
92,9 – Aleluia – Marília
92,9 – Metropolitana – Sumaré (pirata?)
92,9 – Unid – Loc? (old mx EE)
93,1 – Aleluia – Botucatu
93,3 – Laser – Campinas
93,5 – Mundial – Pirassununga
93,5 – Cristal - Itapeva
93,5 – BBN – Taubaté
93,7 – USP – São Paulo
93,9 – Transamérica – Mogi Mirim
93,9 – Ternura FM – Tatuí
94,1 – Oi – Vinhedo
94,5 – Estrela – Jaguariúna
94,5 – Unid – Loc?
94,7 – Antena 1 – São Paulo
94,7 – Mega – Campinas (pirata?)

94,9 – Vanguarda – Sorocaba
94,9 – Nativa – Poços de Caldas/MG
94,9 – Unid – Campinas (rlg)
95,1 – Aleluia – Rio Claro
95,3 – Nativa – São Paulo
95,3 – Mais – Loc? (pirata?)
95,9 – Cultura – Santa Bárbara do Oeste
96,5 – Vida – São José dos Campos
96,5 – Cacique – Sorocaba
96,5 – Scalla – Campinas (ex-Tupi?)
96,9 – Band News – São Paulo (HD)
96,9 – 96 – Bauru
97,1 – Aleluia – Piracicaba
97,7 – Energia – São Paulo
97,7 – Líder – Loc? (pirata Campinas?)
98,9 – Viva – Cambuí/MG
98,9 – Criativa – Botucatu
99,1 – CBN – Campinas
99,3 – Aleluia – São Paulo
99,3 – Nova Onda – Mogi-Guaçu
99,5 – Unid – Loc? (ZYC 695?)
100,5 – Oito (tent) – Jacareí (rlg)
100,5 – Tupi – Sorocaba (ex-Terra)
100,7 – Jornal – Limeira
100,7 – Louvorline – Loc? (pirata?)
100,7 – Unid – Loc? (rlg)
101,3 – Cidade das Águas – Amparo
102,1 – 102 – Bragança Paulista
102,1 – Kiss – São Paulo
102,9 – Cultura – Amparo
102,9 – Band Vale – S. José dos Campos
103,3 – Cultura – São Paulo
103,3 – Pirata – Loc? (rlg)
104,5 – 104 – Cordeirópolis
104,5 – Unid – Loc? (rlg)
105,5 – Líder – Campinas
106,1 – Luz (tent) – Serra Negra
106,3 – Mix – São Paulo
106,5 – Portal – Extrema/MG
106,5 – Pirata – Indaituba

Programa

"AMIGOS DO RADIO"



Produção: DX Clube do Brasil

Apresentação: Carlos Felipe da Silva e convidados

Dias / horários local: Quartas-feiras: 12h30 - Sábados: 23h30 - Domingos: 20h30

Frequências: 11735 kHz (25 m), 9530 kHz (31 m), 5965 kHz (49 m), 800 kHz (ondas médias)

Contato: Caixa Postal 18.113, 04626-970 São Paulo-SP, BRASIL

O programa 'Amigos do Rádio' e a programação geral da RTM também podem ser sintonizados pela Internet acessando pelo link: www.transmundial.com.br (Clicar em 'Ouça agora a RTM').

PANORAMA DX

Por Célio Romais

Colaborações para:

dx@romais.jor.br

Todos os horários são no Tempo Universal Coordenado (UTC);

BRASIL □ A Rádio Gazeta, de São Paulo (SP), é a única emissora brasileira que ainda transmite na faixa de 19 metros. Em Capão da Canoa (RS), Édison Bocorny Júnior captou a emissora, em 7 de novembro, em 15325 kHz, em pleno horário noturno.

BRASIL □ O Governo prorrogou por 60 dias a realização de testes com sistemas de rádio digital. O ministro das Comunicações, Hélio Costa, assinou a portaria, publicada em 11 de novembro, no Diário Oficial da União. A idéia é concluir os testes até 17 de janeiro de 2010. O governo está avaliando os dois modelos consagrados no exterior: o IBOC e DRM. □É fundamental para o Brasil termos o sistema de rádio digital em ondas curtas. Ele pode até substituir as transmissões via satélite□, prevê Hélio Costa que, na década de 70, trabalhou na programação em português da Voz da América.

BRASIL □ A Super Rádio Deus é Amor, de Curitiba (PR), voltou a ser ouvida, em 11765 kHz, na faixa de 25 metros. Foi o que constatou o Édison Bocorny Júnior, recentemente, em Capão da Canoa (RS). Segundo ele, a emissora da Igreja Pentecostal Deus é Amor estava inativa, em tal canal, há mais de um ano.

BRASIL □ Na madrugada brasileira de 15 de novembro, por volta de 0345, no Tempo Universal, o sinal da Rádio Bandeirantes, de São Paulo (SP), tinha excelente sintonia, no Sul do Brasil, em suas três freqüências de ondas curtas: 6090, 9645 e 11925 kHz. Na ocasião, a emissora levava ao ar módulos musicais. Da mesma forma, por volta de 0357, no Tempo Universal, a Rádio Brasil Central, de Goiânia (GO), era sintonizada em duas freqüências com regular sintonia: 4985 e 11815 kHz.

CANADÁ □ O programa Canadá Direto vai ao ar no seguinte esquema: nos domingos e segundas universais, entre 0005 e 0100, em 9755 kHz, e das 0100 às 0104, em 9755 kHz; nas sextas, sábados e domingos, da seguinte forma: entre 2000 e 2029, das 2030 às 2059, das 2100 às 2129 e das 2130 às 2159, em 15305 e 17765 kHz; das 2200 às 2229 e entre 2230 e 2259, em 11990 e 15305 kHz. A produção e apresentação é do jornalista Hector Vilar.

CHINA □ As transmissões em português da Rádio Internacional da China vão ao ar no seguinte esquema: entre 0000 e 0057, em 6100 e 9435 kHz; das 1900 às 1957, em 5985, 7335, 7365, 7405, 9535, 9730, 11640 e 13630 kHz; das 2200 às 2257, em 6175, 7260, 9410 e 9685 kHz; das 2300 às 2357, em 6100 e 13650 kHz.

CHINA □ As transmissões em espanhol da Rádio Internacional da China podem ser captadas no seguinte esquema: das 0000 às 0057, em 5990, 9590, 9800 e 15120 kHz; entre 0100 e 0157, em 9590 e 9710 kHz; das 0200 às 0257, em 9590 e 9710 kHz; das 0300 às 0357, em 9665 kHz; das 0600 às 0757, em 15135 kHz; das 2200 às 2257, em 9490 e 13700 kHz; das 2200 às 2357, em 7210 e 7250 kHz; das 2300 às 2357, em 6175, 9590 e 9800 kHz.

CHINA □ Em 15 de novembro, por volta de 0350, no Tempo Universal, a emissora chinesa Central People's BS chegava com bom sinal, em Porto Alegre (RS), nas seguintes freqüências: 11980, 12045 e 12055 kHz. As transmissões eram em mandarim.

CUBA - A Rádio Havana Cuba está disponibilizando a seus ouvintes o tradicional calendário de bolso para o ano de 2010. É grátis. Para receber o seu, basta escrever para: Rádio Havana Cuba, Apartado 6240, La Habana, Cuba.

CUBA □ A emissão em espanhol da Rádio Havana Cuba foi sintonizada, em Porto Alegre (RS), pelo colunista, em 15 de novembro, às 0400, no Tempo Universal, com bom sinal em 9600, 11690 e 11760

kHz. Uma locutora apresentava o programa Cancionero Latino-Americano, com músicas bolivianas.

EGITO □ A programação em português da Rádio Cairo vai ao ar, no novo período radial de transmissões, entre 2215 e 2330, no Tempo Universal, em 9390 kHz.

EQUADOR VIA CHILE - Os programas em português da HCJB Global vão continuar no ar, entre 16 de novembro e maio de 2010, em ondas curtas, entre 2000 e 21h30min, na hora brasileira, na frequência de 11920 kHz. Em mensagem enviada a José Moacir Portera de Melo, de Pontes e Lacerda (MT), a apresentadora Ingrid Winter agrega que a estação poderá estender sua emissão por mais 15 minutos, utilizando sempre os retransmissores da Christian Vision, localizados em Santiago, no Chile.

ESPAÑA - O Espanhol no Brasil é o nome do programa que a Rádio Exterior da Espanha leva ao ar, em língua portuguesa, sempre de segundas a sextas-feiras. Você pode conferir entre 1800 e 1830, no Tempo Universal, em 17595 kHz. O programa é reprisado entre 2100 e 2130, em 11680 kHz. A produção e apresentação é de Estela Viana e Victor Guerrero.

ESTADOS UNIDOS VIA CHILE □ A CVC □ La Voz permanece no ar, em espanhol, transmitindo para a América do Sul no seguinte esquema: entre 1100 e 2200, em 9635 kHz; das 2200 às 0100, em 9745 kHz.

JAPÃO VIA ANTILHAS HOLANDESAS - As emissões em português da Rádio Japão vão ao ar, como de costume, entre 0230 e 0300, no Tempo Universal, em 9660 kHz. Também das 0930 às 1000, pela mesma frequência. Usa, para tanto, um retransmissor localizado em Bonaire, nas Antilhas Holandesas.

KUWEIT □ Em Guarulhos (SP), o Renato Uliana tem monitorado a programação em inglês da Rádio Kuwait. Em 28 de outubro, ele ouviu a emissora, entre 1935 e 2050, no Tempo Universal, em 11990 kHz. Segundo ele, sempre com □ bom gosto musical □.

ROMÊNIA - A Rádio Romênia Internacional acaba de lançar mais uma edição do seu tradicional concurso, valendo estadas para duas pessoas no Departamento Romeno de Buzau, localizado na metade meridional daquele país. O concurso intitulado Lendas de Buzau tem validade até 31 de março de 2010 e dará o prêmio final, para duas pessoas, no começo do verão de 2010, com oito noites, com pensão completa sem, entretanto, custear a passagem entre a localidade do vencedor e a Romênia. Para participar, o interessado deverá responder aos seguintes quesitos: 1) Com que outros departamentos territoriais Buzau é lindeiro? 2) Onde está exibido o Tesouro de Pietroasa, conhecido também popularmente por □ galinha choca com frangos de ouro □, um tesouro arqueológico, descoberto em 1837, na localidade de Pietroasele, neste departamento? 3) Em que lugar se encontra uma mina de petróleo, única na Europa? 4) Mencione outros quatro interessantes pontos turísticos do departamento de Buzau. As respostas devem ser enviadas, de preferência em espanhol, para o seguinte endereço: Rádio Romênia Internacional, Programas em Espanhol, Casilla de Correos 111, Bucarest, Romênia. E-mail: span@rri.ro.

SUDÃO □ Em extensão territorial, o Sudão é o maior país do continente africano. O país está em guerra civil há 46 anos. A emissora estatal Sudan RTVC transmite de Omdurman, a cidade mais populosa daquele país do norte da África. A Sudan RTVC transmite em árabe, na frequência de 7200 kHz. Foi captada, em Porto Alegre (RS), pelo colunista, em 15 de novembro, às 0340, no Tempo Universal, quando provavelmente uma correspondente lia, em árabe, notícias por telefone de outra cidade sudanesa.

SUÉCIA □ A Rádio Suécia está simplificando cada vez mais sua atuação. A emissora passou a investir na Internet. A partir de agora, não publica mais os tradicionais cartões de verificação QSL. Desta forma, quem tem uma confirmação daquela estação europeia pode se considerar um privilegiado. A dica é do Leônidas dos Santos Nascimento, de São João Evangelista (MG).

URUGUAI □ Desde Montevideu, Horacio Negro informa que a Rádio Sarandí, daquela localidade, foi ouvida novamente em ondas curtas, em 12 de novembro, às 1035, no Tempo Universal, na frequência de 6045 kHz, em 49 metros. Conforme Sarmiento Campos, do Rio de Janeiro (RJ), há uma tendência política pela utilização política das emissoras de ondas curtas em países do Terceiro Mundo e em especial da América do Sul.