

Edited by; C.M.Stanbury II, Box 218, Crystal Beach, Ontario, Canada

Associate Editors - Robert LaRose & T.X.Thrush

This issue we welcome another new reporter, Pat St.Denis of La Canada, California. Although Pat is a relative novice, he is very active, shows real promise as Ma monitor and should aid our West Coast coverage.

Now as this issue is already a week late due to an unusually heavy workload, we'll get right into the hard news.

- ALASKA Anchorage Aeradio logged on 5574 w/wx bc at 0550 (PSD/6)
- ARGENTINA World Communications R (which I believe is affiliated w/ITT -CMS) logged w/test around 0500 on 12290A (PSD/6)
- AUSTRIA R.Austria monitored on 9770 kc at 0330 S/On w/usual multi linguel ID & poor signals (JKWA9, alias Super DXer II) (Loudenboomer, you're outnumbered, hi)
- BIAFRA V.of Biafra also noted on 6145 at ~~06~~ 0630 w/fair signal level (GLD/9)
- BRAZIL R.Panamericana audible on 6055 at 0145. Radiodifusoras de Amazonas noted on 4805 w/fair to good signals at 0240. R.Marajoara noted on 15245 kc w/sports bc at 2110 and finally time station PPE was bagged on 8721 thru considerable cw QRM at 0025-0030 (GLD/9)
- CHILE R.Balmaceda 9590 kc noted w/good signals at 0130 (GLD/9)
- DOMINICAN REP. La Voz del Popagayo has been putting a good signal into the Midwest on 5030 kc around 0200 (GLD/9)
- ECUADOR A station is being hrd on 4817 giving its call as "HC4RS" and location as Portoveijo. Also sometimes mentions "La Voz del Valle". S/Off some days at 0500, other days is on past 0600. Meanwhile Ondas del Angel has been noted at good level on 4830 around 0140 (GLD/9)
- ENGLAND A couple issue back DCO noted widespread activity of low powered but serious business pirates in England. Now the following detailed listing from Des¹E own logg supplemented by a listing in the broadside type publication FREE RADIO NEWS (whose own station, R.X.Kosmos has been prosecuted twice and is currently off the air - was 1187 kc) will give a good picture of the Chaos which has resulted from the British government's "anti-pirate" campaign, officially known as the Marine offenses Act. The following are all currently active and land based.
- R.FREE LONDON - three XMTRs on 1180 kc, supposedly uses some ex-Caroline DJs as well as someone calling himself "Bud Ballou" but probably no connection w/the American DJ of the same name. XMTRs alternate on freq.
- HELEN BROADCASTING NETWORK - using the following XMTRs all working together on 1525 kc; ~~R~~ R.Free Helen 1, 2, 3 & 6, R.Freedom, R.Free Caroline, R.Free Surrey, R.Telstar & R.Apollo alternating on the frequency per a pre-arranged schedule.
- R.MODERN ~~on~~ on 1115 kc. Did operate in conjunction w/SWBCer Kingdom R.on 6640 but the latter's XMTR burned out.
- SWINGING R.ENGLAND - 1525 & 1322 kc, supposedly has two XMTRs. Other smaller operations include R.Viking on 1155, R.Liberty on 1145, V.of Freedom on 1340, and many others. Although equipment has been siezed (and often readily replaced by contributions from the public) NO ONE YET HAS ACTUALLY BEEN TAKEN TO COURT AND PROSECUTED!
- GERMANY(EAST) The Czech language R.Vltava finally closed II/13. The Czech Socialist party newspaper claims that it used an RBI XMTR (on 1430 kc) and RBI personel.....woops, make that an RBI freq.not necessarily an RBI XMTR (DCO)

NON-MOBILE DEPT.

In the October "SWL", ASWLC Exec. Editor MacKenzie claimed that the Voice of America had acquired high powered mobile radio stations. Regarding this claim, we have now received the following statement from the VOA's George Jacobs.

"In regard to your question of a mobile broadcast ~~XXXXXXXXXX~~ capability, the Voice of America does not now, has never and does not contemplate broadcasting from mobile stations. For several years the VOA did operate a medium wave station at Rhodes, Greece which was installed aboard the USCG Courier. The ship, however, was docked in the harbor and served as a temporary fixed location until a ground-based station was completed in 1964. The Courier has since been returned to the Coast Guard and the VOA broadcast transmitters have been dismantled".

CZECHOSLOVAKIA R.Prague has sent another QSL card, and accompanying letter, for our IX/1 reception of FCR on 701 kc. The letter, from Vladimir Kucera (Editor, North American Service), reads, in part, as follows - "We checked your previous letter and found that the technician made a mistake - since your other report was on a program transmitted from Prague (on 7345 kc - CMS), both reports were thought to be from Prague. But R.Bratislava also broadcast at that time, but on 701 kcs. Prague is on 638 kcs. The corrected verification is enclosed. Thank you for bringing the mistake to our attention". Stanbury X considers this his best European QSL.

GHANA Excellent signals noted from R.Ghana on 9545 kc at 2100 w/Eng IDs and African music at 2100 (GLD/9)

HAWAII Honolulu Aeradio (KVM) noted on point-to-point freq. 12157 1/2 kc w/test tape at 0644. Also logged w/wx bc on 5574 at 0555 (PSD/6)

HONDURAS La Voz de Honduras is hrd some ~~XXXXXX~~ days around 0200 on 5875 at good level, but other days cannot be hrd at all at this hour (GLD/9)

ISRAEL Kol Israel's new Eng test XMSNs to NA on 9009 from 0400 until 0415V are being received in the Midwest w/excellent signals (JKW/9)

JAPAN K.D.D. ("Cable Controlled Radio of Japan") logged w/test tape on 7395 kc at 1012 (PSD/6)

NEPAL R.Nepal tentatively logged on 11970 kc w/interval signal of gongs and bells noted at 0220 - then into oriental programming and language w/man and woman - Indian type music. (GLD/9)

NICARAGUA Radiodifusora Nacional de Nicaragua, a relative newcomer to the SW wars (but long has been a regular on ~~XX~~ 615 kc - CMS), was hrd on 5935 kc w/strong evening signals during the week ending II/9 (GLD/9) But only prague has been ~~XXXXXX~~ around frequency the past few nights Another frequency for this one, according to a reliable R.Sweden reporter is 11875 (CMS) Announces address as Edificio Bernard, Managua (GLD/9) Incidentally, Prague is of course on 5930, slightly below the Nicaraguan's frequency.

PERU R.Cuzco noted on 6245 at 0300, fair to weak signals. OAX4T R. Chanchamayo logged on 4895 kc from 0430 tune in until 0509 S/off (GLD/9) Gerry also notes that WRTVH lists its location as "La Mercad" but that he cannot find this spot on any map.

SWEDEN DJE/9 comments as follows - "Reference to your letter to Skoog, I'm far more concerned (although your particular point is well taken) by the announcements that the SCDXers mimeo sheets that have been a fixture on the DX scene for so long are to end within a matter of weeks. (discontinued as of III/1 - CMS) Frankly, I hope that DXers will fire

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SWEDEN (Cont.) letters to H. Sweden, not Skoog because I'm sure he's fighting to keep the SCDK sheets as hard as the next one, protesting the dropping of this service to DXers. Though SCDK erre now and again, still, barring the.....WHH fortnightly bits, and SWK, there is no news source issued so frequently".

TAIWAN Chinese Govt. Radio Administration logged w/test tape on 14995 at 0509 (PSD/6)

TANZANIA R. Tanzania noted on 1505 5050 kc w/fair level at 0405 during news in Eng (GLD/9)

TRUCIAL EMAN Regarding R. Sherjah, DJE/9 notes that while his has source denies the existence of a SWBC station here, this same source does mention a military MW station here (listed by the MRC on 737 kc at 0215-0500). As Don sums up the SWBC situation - "I still don't know of any reason why a has in the Persian Gulf area.....should not be in possession of the real story. The fact that rather prestigious DXers like Cushen and Petersen, plus FBIS, report it, is a bit disconcerting however".

USA PSD/6 reports stations apparently IDing as "NORNA" stations at San Francisco on 3495 w/test tape at 0210, and at San Diego on the 31K band w/test tape at 1714. Pat, I think your station are "NORATS" (Navy Operational Radio Telephone System) and the 31K signal is an image from NORATS San Diego on 8784.7, meaning that on this band you are receiving images of strong stations 910 kc above their real freq. On a higher band, your local oscillator is probably setup so that images appear 910 kc below their actual frequency. For example, you have a Oakland telephone station working w/the Japanese KDD on 15030 kc which, in the U.S. I believe is exclusively military territory therefore, assuming you judged your calibration by WWT's 15 MC marker, the true frequency was probably 15940A. You can check this out for yourself by determining where WWT's 5, 10, 15, and 20 MC ⁰¹²⁸ come on your dial, in other words check out your receiver's calibration, and then see whether the images of these markers (which will always be weaker than the real signal) come on each band - above or below the real signal. Even for an experienced DXer, anything approaching accurate Utility frequency calibration requires considerable double checking for images.

UGANDA R. Uganda noted weakly on 5026 w/Eng at 0412 tone in (GLD/9)

USSR Soviet regional logged on 4595 kc at 0415 w/fair level. Ashkabad, TURKEMAN SSR is listed here (GLD/9)

The comprehensive listing will appear in the III/20 issue. My work schedule will be unusually heavy for the next couple months (I am happy to say, hi) but I have no intention of letting the quality of SWK slip. You can help out simply by doing what you have been doing - report as much and as often as possible.

Best

S
TAN

The SHORT WAVE NEWSLETTER/March 2, 1970

Edited By; C.M.Stanbury II, Box 218, Crystal Beach, Ontario, Canada
Associate Editors; Robert LaRose & T.X.Thrush

INTERNATIONAL WATERS

Along w/the fall of R.Biafra, the biggest SW story so far of 1970 is R.Nordsea International - very possibly the first high powered SWBC station to operate from international waters since Sept.1963 when the MIAMI HERALD reported that a ship operated by "Cuban exiles" (identity unspecified) broke up off Miami w/many thousands of dollars of radio equipment. RNI is being widely hrd on 6210 (latest to report reception are JKW/9 & MMA/1) where the power is listed as 13 KW (DCO). Has also been logged ECNA on 1610 (CMS) where the power is reported as presently 45 KW but soon to be 105 KW. An additional 10 KW XMTRK is expected on 9940 kc shortly. Schedule is approximately 0500-2400 w/five hours in German and the rest in English. Aboard REI's ship are two Eng (including Roger Day formerly of R.Caroline) and one German DJ. They are asking for reports and offering a QSL card. The address is R.N.I., Box 113, 8047 Zurich, Switzerland (DCO)

BIAFRA/NIGERIA

Around the end of January, BBC TV news, during a round up on the Biafran war, showed a 3 or 4 second shot of "the building from which R.Biafra was operating, close to the Uli airstrip". The building was a small mud affair w/grass roof. The announcer said it used to be a schoolhouse but had been converted for XMSNs from R.Biafra. No sign of any antenna or other equipment was shown - just the mud hut (DCO)

Assuming that the BBC film clip was not fraudulent, this establishes that the portable unit hrd on 7305A around the time of Biafra's surrender was not of the older self-contained type - i.e.where the whole station (except the antenna of course) is permanently housed in one vehicle, or at most two trucklike vehicles which merely have to be plugged into each other - but was rather the type which is designed to be broken down into relatively small sections. The latter design - provided sections can be assembled and disassembled rapidly (and still provide coverage comparable to that of conventional stations) as can for example Washington's Flying Radio Cities (and as apparently was the case w/the Uli portable) - this latter design is more effective as a portable because it can be transported more readily than the bulkier old style models and by a wider variety of vehicles (including of course transport by helicopter). Relatively high-powered units (10 KW) date back to the Korean War while the first Flying Radio City (AN/TRQ-20, which does not actually broadcast while in flight) was, as most of you know, tested in 1963. The Uli portable seemingly could not have been an American FRC as the U.S.models come complete w/their own shelters each weighing (w/the appropriate gear in it) not more than 4000 pounds. Units something similar to the original FRC's are now available from Moscow (following the Tashkent earthquake Soviet portable BC equipment was apparently housed, at least partially, in tents) and quite possibly FRC type units are now also available from West European sources.

OUTER SPACE

Oscar 5 was launched January 23. Frequencies have previously been announced as 29450 (10M ~~10M~~, weekends only) and 144050 kc (2 Meters).

"SWN"

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UNITED NATIONS/ZAMBIA

Contrary to what was claimed by the S. African editor of Portugal's "R.Safari" (one Richard Ginbey, hi) who reported over R.Sweden XII/23 without reservations that the UN planned to setup an anti-South African, anti-Rhodesia, anti-Portugal station in Zambia, ~~XX~~ UN Radio advises that such a station is ONLY UNDER CONSIDERATION and the matter will be discussed by the UN General Assembly this fall. and despite what was clearly implied by Ginbey, the UN's plans are by no means certain. More on this in future SWNs.

BOTSWANA RB 4845 often hrd at 0356 S/On, ~~XXXXXXXX~~ w/cow bells but signal does not ~~XXXXXXXX~~ hold up very long. Usually RTTY QRM (GLD/9)

BRAZIL R.Clube Ribeirao, Preto logged on 15415 from 2335 tune in (GLD/9)

CEYLON Comm.Svc.noted II/12 on 11801 around 0130 (BLR/2)

COLOMBIA A XMTR has been hrd on 6173 IDing, on different days, as R.

Valleduper and Ecos del Combeima. Good level around 0330 (GLD/9)

DEM.REP.OF THE CONGO R.Bukavu logged on 4839 from 0439 tune in (GLD/9)

DOMINICAN REP. Voz del Popagayo w/nice level & long S/Off at 0405 on 5030/

ECUADOR R.Vision, Mante noted on 6142 at 0431. Radiodifusora / (GLD/9)

Nacional on ~~XXXX~~ 4939 at 0459 S/Off (GLD/9)

EGYPT V.of Arabs noted at 0300 on 7215, just 5 kc below SAUDI Arabia on

7220 at the same time (BLR/2) Cairo's new super power XMTR hrd on

1106 kc II/25 from 2317 tune in until 2328 fade out. No sign of

jamming, or anything resembling it, during this period (CMS) Arabic

station hrd on 818 at 2236, presumably Cairo (MMA/1)

FRANCE/DEM.REP.OF THE CONGO "Paris Calling Africa" is the name of a new

45 minute Eng program broadcast by ORTF. The program is aired at

2015-2100 on 13, 16 & 19M including 15295 direct from France and

15190 from the Brazzaville relay (PEOPLES RofC). Several years ago,

due to budget restrictions, almost all such Eng.lang.programing had

been curtailed - all that had remained were 15 min.newscasts. Now

this policy has been WISELY changed (BLR/2)

GREENLAND Grönlands R.has been hrd ECNA w/very good signals on 3999 at

1015 S/On (MMA/1)

GUATEMALA R.Nacional - La Voz de Quezaltenango noted on 9680 from 0305

tune in. Apparently a new frequency (GLD/9)

GUYANA C&W noted II/6 only w/SSB on 11755 around 0100 under SWBC XMTRs.

Could not be found on regular 9455 that night (BLR/2)

INTERNATIONAL WATERS GLD/9 bagged an RNI test during the first week in

Feb on 6210 from 0334 tune in, off w/XMTR trouble at 0459. This

predates Stanbury X's "first" NA logging, hi.

MALAWI RM noted on 3380 at fair level from 0318 tune in. Some Country &

Western music, occasional IDs (GLD/9)

PAKISTAN (WEST) R.Pakistan XMTR at Islamabad logged on 11705 w/good lvl

from 0230 tune in. Smothered by R.Sweden carrier at 0251 (GLD/9)

PUERTO RICO A spokesman for NORATS stated that "NAU is the international

radio call sign for Radio San Juan, Puerto Rico". A QSL letter has

also been received which also indicates that the location is San Juan.

(PSD/6) Okay, NI stand corrected. On the subject of corrections,

our reference on page 1 about relatively high powered portables in the

Korean war refers to the old style type permanently contained in large

vehicles. Further their power at that time was only 5 KW rather than 10.

NEXT ISSUE - March 16.

The SHORT WAVE NEWSLETTER/Sept.29, 1970

Edited by; C.M.Stanbury II, Box 218, Crystal Beach, Ontario, Canada

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R.NORTHSEA INTERNATIONAL - THE END OF ^{...}THE ROAD (maybe)
by Des Colling (IX/24/70)

RNI is finished. They left the air today at 1000 GMT. First news of the closing came yesterday when they announced that the station was going off because of pressure within the Dutch parliament to close all pirate stations. They said that the directors thought it better to voluntary silence RNI rather than have the Dutch govt.close Veronica, which they said would be unfair to the Dutch people.

The final programme started at 0900 today and was conducted by two DJs who have been with RNI from the start. Last announcement was "It's now eleven O'clock" followed by the "Man of Action" theme song. The 1367 carrier left at 1002K and the 6205 carrier a minute later.

According to announcements, the vessel cut its sea anchor at about 0930 and they sail into Scheveningen harbour in mid-afternoon.

Now to the puzzling part. All of the DJs seemed unusually happy about the closure (and I have a lot of experience in listening to station closures, so know when it's unusual-sounding, hi). One DJ said he was still employed as an engineer after today, although not as a DJ. Several times it was said that "the future is bright for all the lads out here", and perhaps most revealing of all is the official announcement, dictated by RNI's HQ and read many times - "...Our directors in Zurich feel that it would be better for the Dutch people for us to SUSPEND broadcasts so the Dutch government will not attempt to close down Radio Veronica, so dearly loved by the people of Holland for the past 10 years".

To me this suggests that the Mebo is far from finished as a radio ship. I see a couple of possibilities. (1) They plan to do what they said they would when setting up the station, in the event of Holland introducing legislation - sail to the Mediterranean and broadcast to France, supplied from Spain. (2) They have made a deal with R.Veronica, who will possibly take the Mebo since Veronica's own ship is very old now. The Dutch may allow Veronica to continue with more power, instead of having both RNI and Veronica off the coast. Mundes, who tried the alleged RNI take-over last month (this "spectacular" occurred VIII/29, not the 25th as previously reported in "SWN") attempted to buy Veronica about two years ago so he may also be connected in some way. Meanwhile, Capital Radio (the third pirate currently operating off the Dutch coast, on 1115 kc) is off the air today.

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HEADLINE.....USA A new experimental short wave station, KC2XIO, has appeared on the scene. First noted by an EI reader in Arkansas during July "in the vicinity of" 6 and 14 MC, CMS logged it IX/22 on 13680A w/strong signals from 1715 tune in until 2145 ~~KXXXX~~ close down. ID every minute (alternately) by man and woman. Otherwise the modulation patterns bear a superficial resemblance to those employed by WWV.
(T.X.Thrush assures us that KC2XIO is positively NOT located on Little Corn Island)

BR. HONDURAS R. Belize noted w/BBC news and very good level on 3300 kc at 0300 IX/17 (JKW/9)

CANADA CHNX logged on 6135 at 0705 IX/20 w/good level and surprisingly little QRM (JKW/9) Had ~~NR~~ been noted off frequency again earlier in the month. Also CFCX 6005 kc is silent every so often - like during that final and crucial Cubs/Expos game IX/20 (CMS)

CUBA (presumably) The unlisted R. Liberacion relay on 1165 was again noted IX/30 from 0215 tune in. Thus a repeat has begun of last season's pattern. First this one was hrd, then a Colombian was reported on 1167 (not hrd here) then CMS was hearing either a U.S. spur, or a bootleg relay of a U.S. station(s), on 1167V. To the best of my knowledge no more than one of these "UFOs" were ever hrd on the air at the same time. All of which is probably coincidence but there is an outside that we are dealing with a sophisticated hoaxer of the Purple Pumpkin type (CMS)

DENMARK From DHE - "R. Denmark...for about the last month as close as I can figure it, is now giving IDs in English at the beginning and end of their XMSNs, stating that 'This station broadcasts exclusively in Danish language'. This was noted 0710 kHz 0100 IX/8 and 0230 on 11790 IX/7. One of my correspondents (Ken Borne, Vancouver) reports that he attempted to QSL this station (never hurts to try) and this resulted in a reply in Eng from R. Denmark acknowledging the report and advising that R. Denmark does not issue QSL cards any longer. The interesting point here is, they are now at least acknowledging the reports. For less money they could issue a QSL card! Letter was accompanied with the last issued copy of the VOICE OF DENMARK and information on the Danish SW Club".

GALAPAGOS ISLANDS(???????) What may be La Voz de Galapagos is being hrd almost nightly on 6255A (just few kc above R. Cuzco) until 0400 S/Off. Has a variety of Latin American music interspersed w/cultural and or religious programs. Not positively identified as yet but at least one ID announcement certainly sounded like this one. Another ~~announcement~~ announcement hrd made reference to "de los Andes" but this probably referred to the Andean music which followed. How about it super DXers?

GERMANY (WEST) The rumor that the recently negotiated treaty between Russia and West Germany will force R. Free Europe and R. Liberty (both w/quasi-clandestine ties to the U.S. government) to move continues to make the rounds. DCO notes that the latest to print it is the LONDON DAILY TELEGRAPH. The tale of course could be true - especially as both stations already make extensive use of alternate XMTR sites for SW coverage while the MW work could readily be carried on by West German controlled stations.

Meanwhile although Deutsche Welle's XMSNs now emanate from three different countries their latest frequency schedule still lists no XMTR locations....woops, that reference should be to the summer schedule which did not arrive here until Sept (CMS)

GUINEA (REP.) La Voix de la Revolution noted on 7125 w/good volume at 0600 S/On followed by interesting guitar music (JKW/9)

HAITI BES/5 reports that ^{DESPITE} the strength of their 15280 kc outlet, both 4VEH's QSL and schedule list power as 350 watts and ".035 KW" respectively. Official call letters for this channel are also still shown as 4VWI.

HEADLINE.....GALAPAGOS ISLANDS HCVG8 La Voz de Galapagos 6254 kc Puerto Baquerizo, San Cristobal finally noted with three definite IDs IX/17 between 0330 and 0400. A mixture of music from LA types to "Pennsylvania Polka". Seems to have three different announcers, each taking a different "night". Signal getting better as monitoring continues day-by-day but QRN makes readability difficult. Sign off varies from 0358 to 0406, Ecuadorian National Anthem at close down (GLD/9)

KUWAIT R.Kuwait monitored VIII/29 w/excellent program of Eng popular music around 2030 on 15345 (JKW/9)

NIGERIA Nigeria BC Corp., Enugu logged w/ID to that affect on 6035 kc at 0515 (GLD/9)

SWITZERLAND (presumably) SBC interval signal hrd several nights on 6085 kc weakly at 0354. Bad het on this frequency. No programming from SBC noted (GLD/9) SBC strong on 11775 around 0700, strong enough to bother reception of R.New Zealand on 11780 IX/20 (JKW/9)

SYRIA A new MW frequency for R.Damascus international svc noted in Israel is 1079 kc, according the Great Neck (mini) DX Club.

USA DCO reports - "While in Florida I tracked down the old Radio England/Britain Radio ship 'Laissez Faire'. She is at McArthur Causeway, Miami Beach, at the dock of Albury & Co. She looks in good condition although the top of her radio mast has been removed. She is still in the Radio 227/365 paint scheme".

For those of you West of the Mississippi needing a QSL from Arizona, and who receiving this SWN in time, you might try KXEW - 1600 kc at Tucson - which will be conducting a proof of performance test X/6 from 0700 until 0900 GMT (PSL/7 - who is the newest member of our group, Paul S.Lotsof)

USSR R.Stantsiya Rodina noted fighting it out w/VOA Wooferton on 11705 kc at 0601 S/On IX/14. Serpukhov is listed for whatever little that's worth (JKW/9)

VATICAN STATE Vatican R.noted w/good signals on new (we think) 15165 IX/8 at 0050 //11725 (DHE)

VENEZUELA R.Tachira 4830 noted w/good level around 0340 (GLD/9)

ADDENDA

CANADA While things may be becoming a little Swanlike up here, Thrush thinks we can safely assume that broadcast reported by ASWIC's Pilkington at 0400 on 9610A ~~MM~~ did not emanate directly from Cornwallis Island. Little Corn is wild enough, Cornwallis is just too much. However T.X.thanks our newest operative, Jackal Q.Winnipeg for calling this too our attention.

CHILE R.Corporacion noted w/excellent level on 15150 A at 0230 ending drama followed by ID, one note gong and news (GLD/9)

ECUADOR Emisora Casa de la Cultura excellent on 4933 at 0215 (GLD/9)

Stanbury X will be on his more or less annual vacation from X/18 thru the 13. Therefore deadline for tge next SWN will be X/19.

The SHORT WAVE NEWSLETTER/Nov.11, 1970

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Associate Editors; Robert LaRose & T.X.Thrush

HEADLINE.....NIGERIA

Although the NBC station on 6035 kc has definitely been heard announcing its location as Enugu, a QSL for this lists the XMTB site as Ikorodu which is of course NBC's central transmitting facility. The same QSL says that the 7306V operation is East Central State Broadcasting Service which WRTVH 70 lists as transmitting from Enugu (GLD/9 w/background notes by CMS)

HEADLINES.....SEYCHELLES

FEBA logged on new 11920. 0030 S/On preceded by about 15 minutes of "How Great Thou Art". First noted MXI/2. Heavy sideband QRM from HCJB on 11915 (DHE)

SPACE BROADCASTING DEPT.

The following (received via Associate Editor Bob LaRose) is from the Oct. WIRELESS WORLD summary of an London international broadcasting convention during September;

"An interesting point touched on by J.Redmond, director of engineering, BBC, in his address was that of SOUND broadcasting from satellites in the h.f.band. A study has shown this to be technically feasible in the 21 and 26 MHz bands. The satellite would probably be in a low altitude orbit in such a scheme, because of the high power needed for a geo-stationary satellite - of the order of tens of kilowatts. A power in the region of 1 KW is thought feasible for a low orbiting satellite and no doubt folding aerials would not present undue difficulties. Snag is the expense of maintaining orbiting satellites and with the limited number of sets able to receive 21 and 26 MHz broadcasting authorities might feel there would not be much return for an outlay which could be as high as 10M pounds p.a."

A few thoughts on the foregoing;

1. To the best of my knowledge, this is the first time a high ranking official of any major international broadcasting organization has admitted that broadcast satellites, even the sound variety, are technically feasible NOW - with the exception of R.Peking's jargon clogged propoganda boasts at the time of their broadcast satellite launch last spring.
2. Broadcasts from such satellites at night, when there is virtually no ionospheric propagation above 20 MC, would be every bit as expensive to jam as to operate. One would either have to deploy a massive number of land based jammers, or launch jammer satellites into the same orbit as the broadcast satellites. Of course the same technology needed to position jammer satellites could be used to shoot down broadcast satellites. Various western intelligence sources are claiming that COSMOS 373 & 374 tested such a "killer" system.

...
STILL ON SPACE, NASA's lists the launching of an "OSCAR 19" on VII/27. Neither CMS nor Ross Harp Jr., who is more or less SWN's expert on Amateur radio affairs, have the foggiest notion what this is all about. We suspect the listing is in error.

- AUSTRALIA VLN9 9680 kc Melbourne noted w/BBC news at 1300. Fair level and clear channel in the Midwest. Sydney Aeradio logged w/their aeronautical weather broadcast on ~~XXXX~~ 10021 kc at 0802 X/2. Good level (JKW/9)
- BELGIUM Ostend Radio, Maritime Radiotele Sve. logged w/Eng test tape, standard AM modulation ~~KE~~ on 14090A (JKW/9) Jack, image I think. Actual frequency was probably around 13200A.
- BOTSWANA R. Botswana noted at good level on ~~E~~ 4845 kc around 0405 w/ann. in native language, native & old U.S. popular tunes (GLD/9)
- CANADA CKAC 730 kc Montreal was the first station to have a DIRECT encounter w/the Canadian government's new censorship powers. This was X/27 (X/28 GMT). CKAC is an evening regular at Crystal. They were logged and reported X/28~~7~~ in hope of obtaining a "historic" QSL. CBC news has been noted a couple times on 6160 at 0200, either from CKZN St. John's, Newfoundland or CKZU Vancouver, fighting it out with Emisora Nueva Grenada (R. Cadena Nacional) in COLOMBIA (CMS)
- COLOMBIA Harmonic of HJGN Emisora Barranca Bermeja logged on 2480 kc at 0215 X/24. This was a superb night for MW reception from Latin America (CMS)
- DEM. REP. OF THE CONGO The interval signal on 6085 kc previously thought to be S.B.C.'s is actually R. Kisangani's. Logged from 0356 followed by ID & time signal at 0400 (GLD/9) Kinshassa tentatively logged on 7115A w/sitting up exercises in French at 0605 (JKW/9)
- COSTA RICA "Radio Capital" noted on 4830 kc w/sports broadcast at 0340. Could be R. Capital/R. Reloj XMPR from 4691V. Two nights later only Tachira in VENEZUELA could be hrd on E 4830 (GLD/9)
- ECUADOR Canala Manabita noted w/good strength on 4815 kc around 0500 (GLD/9)
- EGYPT R. Cairo on 9475 & 9850 kc: IX/29 - noted at 0225 w/mournful readings from Koran on day of Nasser's death, occasional brief IDs. X/2 - western funeral music, news in Eng w/lists of all those attending, reading messages of sympathy from Kosygan and telling about broadcast coverage in other countries (GLD/9)
- ENGLAND In a letter dated XI/2 DCO reports as follows; "We had a very interesting TV programme this week, featuring a man who has been seeking out the methods planned for the survival of the govt. in the event of nuclear attack. He was permitted to view an establishment buried in a hill in Wales, which was apparently no longer very secret, and he secured pictures of a studio from which it was intended to broadcast news and instructions to the people. He was shown a panel which he was told would instantly interrupt every public broadcasting facility in Britain, in order to play a pre-recorded warning of attack. He also produced pictures of very odd blocks of concrete sticking out of the ground with air vents on top, and UHF communications dishes in the next field".
- GPO London logged w/test tape on 13565A at 1938 (JKW/9)
- GRENADA W.I.B.S. monitored IX/22 w/editorial review from papers at 2355 on 3280. Fair level, QRN (JKW/9)
- GUINEA (ECUATORIAL) (RIO MUNI) R. Ecuatorial noted already on 4926 kc at 0429. Gong and ID at 0430. This was in mid-October (GLD/9)
- HONDURAS R. Suyapa noted w/good level on 6125 around 0320 - LA music, rapid fire talk and sound affects (GLD/9)
- (In Trudeau we trust - Thrush)

INTERNATIONAL WATERS, CLANDESTINE ETC.

As of XI/2, R.Northsea International (who? - Thrush) had been testing on all its frequencies for about a week. No announcements but w/their "Man of Action" theme. Perhaps they are just waiting for the Dutch parliament to get over its present anti-pirate activity before coming back on the air. Once action had been rejected by the Dutch parliament, it would not be restarted very quickly even if RNI came back.

Capital Radio came back on X/27, still only S/9 in London, w/Eng, Fr., German, Dutch and RUSSIAN announcements. They say running costs are 1/2 million pounds a year and have formed a club "Friends of Free Radio" w/an Aberdeen, Scotland address. This is illegal under the Marine Offenses Act but pitch still on as of XI/2 (DCO) 1115 kc

Eng numbers noted on 9060A at 0016, four digit groups by YL. Is probably coincidence but AAJ Ft. Leavenworth, Kansas was hrd w/test tape on what seemed to be the same frequency at 1453. Eng four digit groups also hrd on 3210A IX/27 (same date as 9060A), preceded by concert music, at 0407. Four digit Spanish groups noted IX/25 on 3370A, by YL until 0524 S/Off (JKW/9)

R.Espana Independiente noted around the first of October on a measured frequency of 14470 from 1929 tune in w/occasional brief music segments of guitar and flamenco types (GLD/9) Incidentally, the alleged 0200 REI XMSN on 15365 kc listed in the Oct. FRENEX is almost certainly a case of the NASWA reporter (Ed Shaw) mis-identifying RNE's CANARY ISLAND relay. Anybody care to bet?

King Kong Radio audible on 2400A from around 2200 XI/2, 486 - not positively identified until the latter date. According to Gordon Nelson IX/5/70 DX NEWS) this is the harmonic of a 1200(V) kc pirate somewhere in New England. No trace of them on the fundamental frequency here (CMS)

From our newest secret agent, Jaqual Q. Winnipeg, we learn that a Montreal member of the ASWIC has logged WGHP at 17345 on 7345 kc announcing its location as "Burgarian island off the coast of Albania". It seems to CMS that the character of this ~~XXXXXXXXXX~~ station has changed a little since it first appeared on the scene about a year ago. At that time the call was announced as standing for "With God's Help Peace". Possibly some of these pirates are beginning to hijack each others identities. To the best of my knowledge t'is the first time it has been reported outside the Midwest.

ITALY RAI noted on 1115 kc w/comparatively good strength XI/3 from 2200 tune in CMS)

LEBENON As of XI/1 R. Lebenon's frequency to NA is 11780. Eng is scheduled at 0230 (DHE)

MALAWI R. Malawi noted w/good strength at 0340 tune in but LA QRM (GLD/9)

MEXICO XERMEX R. Mexico noted on new 17895 kc w/Eng around 2010. World & Mexican news, sports & weather, excellent level (GLD/9)

NETH. ANTILLES TWR currently uses 11815 kc for Eng until 0130 S/Off (BES/5)

PERU After R. Nac. de El Salvador S/Off at 0500, R. Panamericana could be hrd on 5980 X/28 until well past 0600 - although WRTVH 70 lists S/Off as 0400 (DHE)

PORTUGAL R. Portugal 0200 Eng to ECNA making it into Texas XI/3 on 6025 (BES/5) Listed //11935&15125. Also at 0345 to WCNA. Eng to Canada on 11840 at 0300.

"SWN"

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Nov.7, 1970

SAUDI ARABIA Saudi Arabia PT&T Adm., Jeddah logged with Eng/Arabic test tape at 2000 on 19360. Seemed to be having technical troubles (JKW/9)

SPAIN RNE noted using new 11925 for Eng to NA at 0100 & 0300 (DHE)

SOUTH AFRICA SABC Commercial noted on 7150 at 0400 (strong) and ~~EXX~~ 6195 at 0415 (GLD/9)

USA KGEI observed XI/2 on 9695 kc at 0230-0300 and knocking the wind out of RSA's sails. They did the same thing to RSA last fall on 9715 (DHE) Thrush, the cynic, thinks this is accidental. He'd like to be proved wrong.

The FCC advises that KC2XIO, still hrd here on 13680A, is operated by the National Bureau of Standards. No further info yet but a report c/o WWV might produce a QSL (CMS)

USSR R.Erevan noted on 11690 concluding Eng at 0326, then into R.Moscow Pacific Coast svc.at 0330. WRTVH lists Erevan here (GLD/9) but a Far East site is more likely. R.Moscow's Arabic svc.noted on 9800 kc w/good signals at 1830. Kazan is listed. This is not too far from Tashkent. Could it be that R.Tashkent's NA Svc.actually comes from the obviously high powered Kazan site? (CMS)

VATICAN STATE Vatican R.noted w/excellent signals on 11725 kc at 0110 S/On in French XI/3 (BES/5)

VENEZUELA R.San Sebastian 6070 kc logged under CFRX at 0115 - occasionally overriding the Canadian. YVEX R.Angestura 6119 kc Ciudad Bolivar monitored from 0915 tune in. Good level but het from VOA on 6125. Observatorio Naval Cajical 6100 kc noted w/time pips on a clear channel at 0945. Radiodifusora Venezuela noted on the odd frequency of 4687 at 0403 S/Off (GLD/9)

NEXT ISSUE - Nov.23. Keep those reports coming.

Best

S
TAN