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# The DX Bulletin

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October 17, 1979

Vol. 1, Issue 9

PROPAGATION FORECAST: October 20, High Normal; October 21, High Normal/Below Normal; October 22, Below Normal; October 23, 24, High Normal; October 25, 26, Above Normal; October 27, High Normal. Thanks N4XX.

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EQUATORIAL GUINEA Appeared on schedule Saturday, October 13, signing 3C1AA. That is right on schedule per last week's DX Bulletin. They will operate about one week, then move to Annobon island for about a week, to sign 3C0AB. QSLs for 3C1AA go to EA4MY; for 3C0AB to EA4LH. Their operating frequencies, as listed last week, stand: CW 25 KHz up, phone 3795, 7095, 14195, 21195, 28595.

EA4MY: Antonio Bordallo, Cda Los Angeles, B1 400-A, Esc. 1, Madrid 21, Spain  
EA4LH: Jorge Cangas, Velazquez 86, Madrid 6, Spain

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LAST WEEK'S NOTE ABOUT A POSSIBLE AFRICAN OPERATION by I2FGP came from a correspondent who said that was direct information from I2FGP himself; however, another reader spoke with Giampaolo this week and was informed that the operation would NOT take place.

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*There is no truth to the rumor that Fred Laun, HSLABD, will be assigned to CHAD. As The DX Bulletin correctly noted in Issue 6, page 1, Jim Bullington, N4HX, is the one who will be signing a TT call soon. Jim is mainly interested in phone operation and contesting. He operated formerly from Thailand as HS5AFT.*

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*Don Riebhoff, XV5AC, etc., will be reassigned to Czechoslovakia soon. Don visited OK1ADM during a recent stay in Prague, where he showed his slides of Spratly to the delight of the local amateurs there. Although the US and Czechoslovakia do not have a reciprocal licensing agreement, Don may be able to operate with an OK8 callsign.*

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BANGLADESH is back on the air, as predicted. S2BTF has been active around 14250 between 1100 and 1200. OE1FF reports that DK9KO (Urban) will be in Bangladesh for some time. Look for him at 1600 on 21195. His address is Urban Trast1, PO BOX 108, Dacca, Bangladesh. Do Not mention amateur radio (callsigns, etc.) on the envelope.  
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"ALL SYSTEMS GO FOR KH5 AND KH5K... five days operation beginning 4 Jan '80. It will be a first to have two countries in such high demand operational simultaneously...Palmyra will have the first YL to radio from there (as far as we've been able to find out). We fly California to Hawaii on 2 Jan, have a charter flight waiting there for us to Palmyra, where charter boat will be waiting to take WA2FIJ and his team on over to Kingman Reef. We are still looking for two more hams to accompany, one for each site. Anyone applying should be a CW "hotshot" and be able to invest a minimum of two thousand dollars. Contact WA2FIJ, Jay, or WA6YQW, Jan.

"Needless to say, this one costs a bundle! The charter boat, alone, is \$500 per day and the charter flight is \$4,500. Support has been asked of the No. Cal DX Foundation, but we cannot count on that as a certainty. With an overall DXpedition expense of approximately \$20,000, we are humbly standing with hat in hand and asking for financial assistance. Any donations should be sent to The Kingman Reef-Palmyra DXpedition, c/o WA2FIJ or K6LPL. We are even having to take our own rigs, support from manufacturers has been minimal and the team is having to furnish their own equipment or purchase new gear for the trip...You're getting two for the price of one! Split operation within the American band...some "on freq" xmitting to accomodate those without ext. VFO capability. At present, the following are definitely committed: WA2FIJ, W2TDQ, WA6YQW, K6LPL, K2HFX. Any and all financial contributions very gratefully accepted!"

-Jan Gould, WA6YQW  
1542 Beacon Avenue  
Anaheim, CA 92802  
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Need IRCs? K6XP has several hundred for 30 cents each. Send cash or money order to R.F. Huntington, 5014 Mindora Dr., Torrance, CA 90505.

Do NOT send QSLs for EL2AT and EL2AG to W4UG; Gay handled cards for those callsigns a decade ago but they have been reissued.

New officers of the EASTERN IOWA DX ASSOCIATION are: KØJSY, president; WØWP, vice president; KØLUZ, secretary-treasurer.

Sorry to report that ATLAS RADIO is no longer in business.  
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THE TRANSKEI AWARD is yours by working two S8 stations; send log copy, one dollar or ten IRCs, to Box 750, Umtata, Rep. of Transkei. That address is the Transkei Radio League.

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Brother Ed is signing HV3SJ/HK4; he is studying in Columbia. No indication of where this leaves the Vatican operation.

The station signing UØY is in CQ Zone 23! The operation is from Tana Tuva in Siberia. Direct QSLs to UKØAAA, Box 88.

Les Higgenbottom, VS5LH, passed through the states a few weeks ago, on his way to the U.K. He visited K5OVC and WD5FQX (formerly HC2YL). Les will be back in Brunei, where he works for the government in air conditioning, in December.

Propagation expert and author Ted Cohen, N4XX, "has been appointed Regional Vice President at Large for Amateur Radio of the Armed Forces Communications and Electronics Association (AFCEA). - Thanks HR Report

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The 1979 ARRL West Gulf Division Convention was a rip-roaring success, says K5RC. The five-hour DX/Contest forum was one of the highlights, with K5YY, K1KI, XE1FX, K5RC, N200 and W6KG and W6QL making presentations. The Texas DX Society hospitality suite rivaled Dayton, it is claimed.

Iris and Lloyd Colvin left Houston following the convention; their first stop this trip is Grenada. They will operate /J3 through the CQ Phone Contest and then move to the British Virgin Islands. After that the destinations are unknown, but they plan to keep moving around the world until the time of the Fresno DX meeting next April.

Incidentally, The DX Bulletin is the official publicity organ for YASME.

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MACQUARIE ISLAND MAINSTAY VKØPK will be home in Australia for a couple of weeks around the end of October. VKØJC will operate during that period. In the next "team," VKØKH will be a member so Macquarie will be active for another year. P29JS still runs lists for VKØPK whenever possible on 14220 at 0930. P29JS has a new delta loop on 40.

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Here is the schedule for the remainder of HS1WR's US stay: Fargo, ND, Oct. 16-20; Las Vegas, Oct. 20-23; Los Angeles, Oct. 23-31.

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## WARC REPORT

ARRL Director's letter October 9, 1979; WARC Report Number Three

During this second week of the Conference, the Amateur Radio Service came under discussion four times, and three tentative decisions were reached. Nothing is truly final until the signing of the documents about the end of Nov.

Working group 5C, charged with considering the spectrum from 27.5 to 960 MHz, first met on Wednesday morning, October 3, at 0900, and by 0945 the chairman had completed his introductory remarks and had steered the group through consideration of 27.5-28 MHz. The lead-off discussion was by China, pointing out that China had an extensive low-power mobile service operating in the band 28.0-29.7 MHz, which did not cause interference to the Amateur Service, and that it was necessary to recognize this mobile assignment in the Table of Allocations.

Several countries, including Norway, Venezuela, Greece, Spain and New Zealand immediately stated that 28.0-29.7 MHz had been amateur exclusive since at least 1959, that if another use were being carried on by an administration under the terms of RR 115 (no harmful interference to an allocated service) there was no reason to change the Table of Allocations. China responded by noting that, for historical reasons, it had not been present at Geneva WARC-59, the present radio regulations did not reflect actual use in China, and that is why China took a reservation at the 1973 Plenipotentiary Conference. China reaffirmed her desire for a 28.0-29.7 MHz allocation for amateur primary, mobile (land and maritime) secondary.

At this point the chairman took note of China's statement, and said that the majority seemed opposed to the principle that scattered use of the band should be reflected in the Table. He asked China to reconsider her position before he made his report to Committee 5, and then moved along to consideration of frequencies above 29.7 MHz.

At the end of the day, Norway asked what about 28.0-29.7 MHz. The chairman said that the delegation of China had agreed to consider the matter again, and noted that the majority seemed to opt for no change from the existing exclusive amateur allocation. At this point China took the floor again and announced that the Chinese Delegation had reconsidered its proposal and now agreed to go along with the majority, amateur exclusive at 28.0-29.7 MHz. This announcement was greeted with applause from the entire working group.

The next testing of the Amateur Service came in Working Group 5B on October 5, with discussion of the Table of Allocations between 25,010 and 27,500 kHz. First, the chairman of Working Group 5B, apparently in an effort to arrive quickly at agreement in some of the less contentious areas of the spectrum, had elected to consider the bands 10-70 kHz, 25,010-27,500 kHz, and 2000-2300 kHz, in that order. It was soon apparent, however, that no part of the spectrum is immune to extended discussion. In fact, after the first morning of the discussion on 10-70 kHz (at which agreement was not completely reached) I calculated that at the existing rate of progress, it would take 196 full days to complete the tasks of Working Group 5B.

(continued)

In the band 25,110-25,600 several administrations (USA, Philippines, Colombia, Mexico, Chile and Panama) had made nearly identical proposals for an amateur allocation at 25,110-25,210 kHz. This was complicated by the proposals of a number of other administrations for radio astronomy in the same general area. In fact, the discussion of radio astronomy got so involved that the chairman named an ad hoc group to consider the needs of radio astronomy and where it might best be allocated in this general portion of the Table, with this group to report back later.

Mexico then introduced the amateur question by expressing a desire to discuss the amateur allocation at 25,110 kHz. The Soviet Union immediately responded that such consideration would be premature until the ad hoc group had reported back. The USA, Colombia, and New Zealand expressed support for the Amateur Service and its needs in this area, and New Zealand suggested another ad hoc group to work on the amateur question. The chairman declined to do this, on the basis of a lack of translation facilities. Canada suggested that there was more support for an amateur allocation at 24 MHz, and wanted to know if those supporting an amateur allocation at 25 MHz would agree to 24 MHz. But then opposition developed from France, the Federal Republic of Germany, China, Pakistan, the USSR, the Netherlands, and Tanzania, who all generally made similar statements to the effect that the Amateur Service already had adequate allocations between 21 and 28 MHz. On the other hand, affirmative support for an amateur allocation in the 24-25 MHz region came from Jordan, Papua New Guinea, Australia and Botswana, in addition to the support voiced earlier by the USA, New Zealand, Colombia and Mexico.

At this point Working Group 5B recessed. There is no clear indication of when this allocation will be discussed again, as a number of the members of the working group have complained about the sequence being followed by the chairman, and want the Table of Allocations considered in ascending numerical order, without jumping around. On Saturday, the working group adopted the principle that if the chairman cannot gain agreement relatively quickly, a smaller ad hoc group will be detailed to study the matter separately and report back to the working group. This principle should revive the New Zealand proposal.

Also on Friday, Working Group 5D considered the band 1215-1300 MHz. As expected, and despite support from the Federal Republic of Germany and Japan for continuation of the amateur allocation at 1215-1240 MHz, this allocation was deleted in favor of the Radionavigation Satellite Service (emphasis added). The 1240-1300 MHz allocation was maintained on its present secondary worldwide basis, although a number of western European countries added their names to an existing footnote also allocating the band to radionavigation.

The most significant change for us in this band is the addition of a footnote permitting amateur satellite operations, in the earth-to-space (uplink) direction only, in the band 1250-1260 MHz. Canada supported USA in its efforts to restrict the new amateur satellite band to uplink only. This was a bit of a surprise, because the Canadian proposal made no mention of a directional indicator. There was considerable support for us evident in the discussion, with the following countries expressing support for some form of amateur-

satellite allocation here: France, Jordan, United Kingdom, Japan, Australia, Canada, USA, Federal Republic of Germany, Austria, Sweden, Mexico, Nigeria, Colombia, New Zealand, and Papua New Guinea. The USSR, however, said the amateurs already had more than enough, and were beginning to get more than "the important services." In fact, the USSR reserved the right to again raise the question of whether 1240 or 1260 (as the USSR had proposed) MHz should be used as the boundary for the new radionavigation-satellite band.

The fourth testing of the Amateur Service this week came with consideration of Article 41 by Committee 7. Those who have carefully followed the preparation for WARC-79 will recall that a small number of administrations (including, unfortunately, the United States) made proposals for a removal or weakening of the requirement for a knowledge of the Morse code below 144 MHz. The member-societies of the International Amateur Radio Union were unanimous in their support of the existing regulation and so, too, to the best of our knowledge, was every amateur participating in WARC-79 at Geneva. The position of the U.S., taken without support from American amateurs, perhaps caused us the most difficulty. The US proposed to make the code requirement below 144 a "recommendation" rather than a requirement, while Sweden proposed a 28 MHz cut-off, and Papua New Guinea proposed 30 MHz. In the end, we won a little and lost a little. Although the status quo was not maintained, and the cut-off was changed from 144 to 30 MHz (a change which affects only the 50 MHz band), the optional CW requirement proposed by the US was lost in the shuffle. Some 15 administrations opposed the US on this, and only two (Canada and Japan) were in support.

All in all, then, a busy week. Some gains, no unexpected losses, and one important matter deferred (new band at 24 MHz).

**FROM THE EDITOR:** *There was a little more in this Director's Letter, concerning how our WARC team is organized and how they operate in Geneva; we will continue with that next week. We also hope to have all further information such as this to pass along to you every week until the end of the Conference. Our thanks to the ARRL for allowing The DX Bulletin to provide this valuable service. The Director's Letter quoted on the preceding pages was quoted verbatim with only one or two minor condensations for the sake of brevity.*

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## MORE NOTES...

Reports that KP4AM would be on Desecho again this month were false; Dave says the Department of the Interior has installed a large sign on the Island reading "Hams Go Home."

Cards from the most recent YV0AA Aves Island expedition are still being mailed daily by manager YV5DFI. Patience, please.

Bill Ovca will operate as N1GL/VP9 during the CQ Phone Contest this month.

USA West-Coasters are smiling as SV1DC/A Mt. Athos QSLs are now arriving.

## BANDPASS

Call/Freq./UTC/East, Central, West/Day of Month

80 METERS: FP8HL/3501/03C/9 HP1X0J/09/03W/8 WB3KBZ/VP9/795/06C/7  
VQ9KK/18/23E/8 VQ9KK/18/13W/5

40 METERS: CM2BQ/014/02C/9 DM3BF/012/02W/5 KØAX/DU2/  
006\*/22C/7 D4CBC/082/07C/7 EA3EF/004/02W/9 FM7AV/011/01E/9  
GI3AXI/001/06W/5 GM6RV/002/07W/5 GW4HBK/022/06W/5 HA3MQ/  
001/03W/5 HBØNL/010/04W/6 HH2T/004/23C/9 HKØBKX/006/00E/6  
H44DX/003/09C/2 ON5JY/007/02W/6 ON5GK/006/06W/5 PA2JDB/  
015/06W/5 P29JS/003/12C/8 P29JS/005/11C/8 SM5EC/009/01W/8  
SM5AHK/006/06W/5 SP2JJJ/004/03W/9 UA6AJF/003/03W/5 UG6GAI/  
007/02W/5 UL7GW/003/01C/5 UR2RBN/006/02W/5 VK2BFJ/006/11E/9  
VQ9KK/003/13C/8 VQ9KK/004/13W/8 VU2RQ/003/00E/9 VU2BX/007/  
01E/9 VU2RQ/002\*/12C/8 ZD7HH/082/07C/7 ZS2MI/005/14W/5

20 METERS: AP2HQ/212/01C/6 AP2TN/201/01C/10 AP2MQ/219/12E/10  
A7XAH/304/21E/4 A7XAH/250/06C/5 C07UPC/033/13C/9 W7LPF/DU2/028/13C/9  
DU6CI/212/13E/9 OK3TAB/D2A/214/21E/7 EA9IE/230/23E/7 FK8CW/032/12E/6  
FK8DH/223/06C/9 FR7BE/075/12E/6 FR7BU/045/11E/10 FR7BE/072\*/12W/7  
HM1AV/008/13C/9 HS1ABD/211/13E/10 HZ1AB/243/04C/6 HZ1AB/223/23E/8  
HZ1TC/250/06C/5 JY3ZH/250/06C/5 JY3ZH/225/14C/5 KC6BS(W)/346/10E/7  
WA4CEH/KS6/215/12C/7 KX6PP/275/10E/10 LU3ZY/202/00E/10 LU3ZY/202/00E/10  
LU3ZY/206/06C/7 OD5FB/212/04C/7 OD5AP/026\*/14W/7 OY1R/008/14C/7  
PJ1BR/220/03E/8 P29EJ/007/12E/6 P29GC/206\*/13C/5 ST2SA/250/05C/5  
SU1AL/275/22C/7 W5JMM/SU/332/03C/7 WA7JRL/SU/035\*/13W/7 SV1JG/258/04C/5  
SVØAE/293/23C/6 S2BTF/265\*/12E/10 S79NLB/205/13C/9 TA2KS/224/01C/6  
TF3FM/005/01E/10 TG9ML/008/13C/8 TU4AQ/210/23E/9 UI8IAU/044\*/13W/8  
UJ8JCQ/228/02C/4 UK8MAF/204/12E/10 UM8MAQ/225/01C/6 UØY/025/12E/10  
UØY/233/11E/10 UØY/201/01C/10 VP8QG(F)/215/11C/5 VQ9MR/023\*/15W/6  
VQ9TR/012/01E/10 VS6DO/207/11E/11 VS6FI/017/12E/8 VU2AZX/202/12E/10  
VU2TS/003/12E/8 YBØADT/035/11E/9 YN1JCC/003/12E/6 ZD8AI/255/23E/8  
ZD8TC/027/21C/8 ZK1DR/205/11C/6 3A2AH/026\*/14W/6 3A2AH/007/14C/6  
3A2HB/240/22E/9 HB9AUV/3A2/053/00C/7 4S7DJ/216/12E/10 5B4DI/226/16W/8  
5T5AY/238/22E/9 5Z4OT/218/13E/10 6Y5WS/208/23E/8 8P6KY/221/02E/9  
9G1JX/200/22E/7 9J2BO/225\*/14W/7 9M2AR/211/11E/5 9M2FR/031\*/00E/9  
9M8HG/227/15C/5 9N1MM/267\*/12E/10

15 METERS: AP2KS/276/01C/6 A22BX/280/22C/6 CN8CW/400/13E/6  
EA6FD/021/21W/7 EA8QJ/032/23C/6 EA9VA/032/16W/5 F79WARC/290/17C/6  
FOØHR/299/03C/7 FOØRU/300/05C/7 FP8HL/020/17C/6 HBØNL/023/20C/5  
HL9UW/327/01C/10 JT1AN/322/02C/5 KC6MJ(E)/322/00E/10 W5JMM/SU/329/  
23E/6 TR8DCD/335/22C/5 TU4AQ/323/23E/6 TU2IF/300/00E/5 VR6TC/352/02C/10  
VS6DA/320/00E/5 VU2GO/009/18E/6 VU2OF/040/17C/7 ZD7BW/355/18C/7  
3A2AH/008/11E/6 3A2AH/008\*/15W/6 4S7EA/285/01C/6 4X4WF/013\*/15W/6  
8J1ITU/031/11E/6 K9EF/8R1/024/01E/7 9M2DW/322/23E/9

10 METERS: C5ABK/595/17E/4 N4GS/DU2/520/02C/6 OK3TAB/D2A/591/16C/6  
EA9IB/539/12E/6 EA9EU/012/18C/6 EA9GD/582/13C/6 FG7AS/020/16W/8  
FO8ER/531/22E/7 FY7YE/603/12E/7 GM4DGT/029/18W/7 GU4CHY/033/14C/6  
HBØNL/025/17E/6 J3AH/675/18E/7 WD8QGQ/KH6(Kure)/725/01C/7 KX6PP/600/01W/7  
LU3ZY/542/17W/6 SU1AL/513/14C/6 S8AAT/555/11E/7 TR8RS/505/20C/7  
UD6DFY/026/13C/7 VQ9JJ/607/14C/7 VQ9JJ/610\*/17E/8 ZK1DR/505/21E/6  
5W1AB/700/00W/7 5W1BZ/525/22E/6 9G1JX/002/17C/6 9H1CH/023/16C/5

## CALENDAR

ANNOBON	3CØAB starting this weekend; see page 1
BONAIRE	Special call PJ1BR, 1-31 October
ZONE 23	UØY on now from Tana Tuva
CORSICA	FCØFHN by DL1RK, CW only, 13-27 October
GRAND CAYMAN	ZF2BN/ZF2CD operation ends 20 October
RSGB	21 MHz Contest, CW, 20-21 October
WEST CAROLINES	18-24 October by JA operators, no callsign info, see The DX Bulletin issue 8
ISLE OF MAN	GD3YBH and GD4CVZ 26-29 October plus CQ Contest, no low bands
MONGOLIA	Mid-October to early November by USSR ops; possibly the UØY operation now in progress
CQ PHONE CONTEST	27-28 October, including <u>The DX Bulletin</u> trophies
MONTSERRAT	4-17 November by W1FB, W1CKK and W1F5B, esp. CW and 160
VIRGINS	British Islands by N6CW and others, 24-30 October
JAMAICA	NØTG and NØWL/6Y5, 23 Nov. to 3 Dec.
MONACO	3A2CX, esp. CW, 23 December starting date
JUAN FERNANDEZ	On NOW, 10-15-20, CW CEØCEW, phone CEØCBG, sometimes signs /Z
CONVENTION	last minute addition...Roanoke Division ARRL at Norfolk, Virginia, 20-21 October, with DX Forum.

THE DX BULLETIN  
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OCT. 20 1979

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