

The DX Bulletin

AMERICA'S OLDEST WEEKLY AMATEUR RADIO PUBLICATION

ISSUE 241 JUNE 4, 1984

PROPAGATION: Jun 4,5, High Normal; Jun 6, Low Normal; Jun 7-12, High Normal; Jun 13, Low Normal; Jun 14, High Normal; Jun 15, 16, Low Normal; Jun 17, Below Normal/Disturbed; Jun 18, 19, Low Normal. TNX N4XX.

Flux (81)	Flux (82)	Flux (83)	Date	Flux (84)	Alpha (84)	K (84)
166	147	137	5/24	127	33	3
173	142	135	5/25	124	25	3
169	154	129	5/26	125	15	3
172	171	127	5/27	118	15	2
177	171	130	5/28	117	11	2
166	170	135	5/29	119	9	3
164	139	130	5/30	118	14	3

NEWEST MEMBER OF CQ's DX HALL OF FAME IS ROD NEWKIRK, W9 BRD. The announcement was made in the June issue of CQ Magazine. We think it is more than coincidence that last September, in Issue 208, The DX Bulletin suggested Rod be elected to the Hall of Fame, and we encouraged others to write CQ on the matter.

T30AT rumored going to Canton Island, leaves around Jun 1 and to be on the air around Jun 5; mention by VK3FY of a T31 operation sometime in June is not known to be related to the T30AT trip.

BY4AA QSLs via VE7BC now coming out, as are March Kermadec cards and recent Aves Island pasteboards. A reminder that the BY4AA QSLs require a big envelope, no matter where they come from...3A2E/3A2F did not show during the CW WPX Contest, according to one local operator who made 1700 QSOs...Rumors of a "5U1LD" operation coming from 3X4EX, not known if he's talking about himself or someone else...FW8AF is showing on the INDXA Net a couple of times a week...there was talk of a special China activity the evening of June 1 (Zulu) for a "children's celebration, too late for advance warning...late report that ET3PS was on the INDXA Net May 25 but didn't work anybody due to propagation...PLEASE send back your TDXB Countries-Needed Survey sheet! We want to see at least 1500 of them this year. About 200 have come back in the first three days. We may have been off on our guess about BY China, even more of you than we thought still coming up short...XU1SS reportedly back on 20 CW at 1200Z, below 14.025...

CONTRIBUTORS: K7GEX, W3MA, W5ZPA, SM5CAK, K1XM, K1MIZ, KA1BU, KB1BE, W4VQ, AB8K, N4KG, KA1XN, KA3R, K1KI, W7HRD, W4BAA, K6IR, WB1CFP, K4BAI, W6CP, WD5AAM, KM9J, K0CVD, N4NO, KE7X, WØBW, W7YF, KS1Y, KB2HZ, W2LZX, KR1G.

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CALENDAR

ETHIOPIA	Need reports on ET3PG/PS; I 238
TRISTAN	ZD9BV 3790 @ 0430Z NOW
S SUDAN	TL8GE/STØ NOW on INDXA Net
USSR	NEW calls in issue 233
SPRATLY	NO Word on 1S2CK yet; I 240
CHATHAM	ZL7AMO ends about Jun 4
SIERRA LEONE	9L1EX rumored by 3X4EX soon
CANTON IS	T31AT rumored soon; this issue
TAIWAN	By JA group this month: I 237
PITCAIRN	VR6KY by WD9GQV Jun 4-18
ENGLAND	GB4-D-Day operation Jun 5-7
CAMBODIA	XU1SS on 20 CW again @ 1200Z
NIGER	Rumored soon; this issue
CONTEST	S Amer CW Jun 9/10
MIDWAY	WH60/KH4 rumored Jun 16/17
CONTEST	All Asia Phone Jun 16/17
CONTEST	ARRL Field Day Jun 23/24
DEADLINE	SURVEY sheets to us by Jun 30

NETS

ALL THESE gatherings are currently active, some on special summer schedules, and they are where a large percentage of the interesting DX is currently appearing:

JIM SMITH VK9NS NET, 14.220 at 0500Z, mostly on weekends with Pacific and African stations. ZL8AFH/Kermadec has been showing there.

ARABIAN KNIGHTS NET re-started June 1, at 0300Z on 14.250, most nights, featuring African and Indian Ocean stations.

FAMILY HOUR with W7PHO, WBØTEC, etc, meets every day on 14.227 at 1400Z. Main goal is to help West Coast N.A. stations to the East and East Coast N.A. stations with Asia. The 15 Meter net is not running at this time.

BROWN SUGAR NET is laid-back on 14.309 at 0200Z (a new time now), mostly run by K6EDV, with Pacific stations and Africa. Best night for DX on this net is Saturday.

"INDXA" NET meets every night except Wed on 14.236 starting around 0030Z. Africans and Indian Ocean stations have been showing up 03-0400Z, often too late for skip. Run by KB7SO, J73AH, and others. Good rumor source.

PACIFIC ISLAND NET, 21.290 Fri and Sat at 2000Z, run by KB7QC and KB7QD.

IN RESPONSE TO THE KL7Y ARTICLE IN ISSUE 234, PETER FORBES, VK3QI WROTE A COMPUTER PROGRAM FOR DETERMINING THE NUMBER OF DXCC COUNTRIES WITHIN EACH OF FIVE RADIO "HOPS" OF ANY POINT ON EARTH. THE DISTANCE FOR EACH HOP IS 4000 KM, THE "STANDARD" MUF PREDICTION LENGTH USED BY RESEARCHERS. SOMEONE WITH A COMPUTER MIGHT WISH TO ASSIGN POINT VALUES TO THE NUMBER OF DXCC COUNTRIES IN EACH HOP TO ARRIVE AT A RANKING FROM BEST SPOT TO WORST.

THE PROGRAM, WRITTEN FOR AN APPLE COMPUTER, IS AVAILABLE FROM PETER FORBES, PO BOX 781, SWAN HILL, VICTORIA AUSTRALIA 3585. PRINTED ON THESE PAGES ARE THE RESULTS FOR THE CAPITAL CITY OF EACH DXCC COUNTRY.

THIS PROGRAM CALCULATES THE NUMBER OF COUNTRIES PER SKIP DISTANCE.

THE SKIP DISTANCE IS 4000 KMS. WHICH IS THE STANDARD MUF PREDICTION VALUE

PREFIX	COUNTRY	SKIP1	SKIP2	SKIP3	SKIP4	SKIP5
A-K-N-W	USA-WASHINGTON D.C.	51	91	96	70	6
AP	PAKISTAN-KARACHI	47	128	48	84	7
A2	BOTSWANA-KANYE	42	97	110	54	11
A3	DMAN-NUKULOFIA	31	17	69	103	94
A4	OMAN-MUSCAT	59	126	38	87	4
A5	BHUTAN-THIMBU	39	112	85	63	15
A6	UNITED ARAB EMIRATES-DUBAI	62	124	53	70	5
A7	QATAR-DOHA	69	119	51	69	6
A9	BAHRAIN-AL MANAMA	67	119	55	68	5
BV	TAIWAN-TAPEI	31	54	126	85	18
BY	CHINA-PEKING	27	90	114	68	15
CE	CHILE-SANTIAGO	15	67	117	83	32
CEOX	EASTER IS.	7	82	50	128	97
CEOZ	SAN FELIX IS.	17	60	108	95	34
CM-CO	JUAN FERNANDEZ	14	61	93	113	33
CN	CUBA-HAVANA	57	54	104	83	16
CP	MOROCCO-CASABLANCA	88	111	61	27	27
CR9	BOLIVIA-LA PAZ	47	47	125	63	32
CT	MACAO	32	70	118	68	26
CT2	PORTUGAL-LISBON	91	101	66	33	23
CT3	AZORES IS.-Horta	68	123	63	43	17
CX	MADEIRA IS.-FUNCHAL	76	123	54	36	25
C2	URUGUAY-MONTEVIDEO	16	81	122	67	28
C3	NAURU IS.	29	41	42	168	34
C5	ANDORRA-ANDORRA	89	106	69	28	22
C6	THE GAMBIA-BATHURST	44	165	41	23	31
C9	BAHAMA IS.-NAASSAU	56	66	101	79	12
DA-DL	MOZAMBIQUE-MAPUTO	43	115	80	67	9
D2-D3	GERMAN F.D.R.-BERLIN	62	109	76	33	14
D4	PHILIPPINES-MANILA	33	51	123	61	46
D6	ANGOLA-LUANDA	47	124	89	29	25
EA	CAFE VERDE-FRALA	44	159	44	38	29
EAb	COMOROS-MORONI	41	115	74	74	10
EAB	SPAIN-MADRID	91	102	70	28	23
EAI	BALEARIC IS.-PALMA D MALLORCA	98	101	69	24	24
EAI	CANARY IS.(GRAN CANARIA)	72	130	50	35	27
EII	MELILLA-ISL.	93	105	69	23	11
EIL	IRELAND-DOUBLIN	81	105	77	40	11

IRAN-TEHRAN	79	105	66	60	4
ETHIOPIA-ADDIS ABABA	70	116	54	16	16
FRANCE-PARIS	B2	108	75	33	16
CROZET IS.	21	60	137	91	5
KERGUELLEN IS.	10	63	135	92	14
AMSTERDAM & ST.-PAUL IS.	13	75	129	69	28
CORSICA-AJACCIO	91	104	71	27	21
GUADELOUPE-BASSE TERRE	56	86	97	70	15
GLORIOSO IS.	43	115	65	81	10
MAYOTTE IS.	41	111	74	79	9
NEW CALEDONIA-NOUMEA	81	105	88	75	7
MARTINIQUE-FORT DE FRANCE	58	84	90	65	17
FRENCH POLYNESIA (TAHITI)	17	42	75	92	88
CLIPPERTON IS.	22	64	104	91	33
ST.-PIERRE & MIQUELON IS.	52	110	82	63	7
FRENCH GUIANA-CAYENNE	52	96	80	26	10
ENGLAND-LONDON	G	105	78	38	12
ISLE OF MAN-DouGLAS	80	103	81	40	10
NORTHERN IRELAND-BELFAST	77	77	79	40	10
JERSEY-ST.-HELIER	81	104	80	34	15
SCOTLAND-GLASGOW	80	103	82	39	10
GUERNSEY-ST.-PETER PORT	80	105	81	33	15
WALES-CARDIFF	81	103	79	39	12
HUNGARY-BUDAPEST	90	89	89	30	16
SWITZERLAND-BERN	85	109	72	29	19
LIECHTENSTEIN-VADUZ	86	107	71	33	17
ECUADOR-QUITO	56	36	117	78	27
HC	52	31	118	84	29
HCB	68	68	96	81	13
HH	55	33	120	85	21
H1	56	72	96	76	14
HG	54	44	117	74	25
HA-HG	54	34	119	82	25
HBO	55	40	116	82	21
HC	24	74	116	84	16
HP	55	35	120	80	24
HR	55	33	120	85	21
HS	90	102	73	28	21
HV	30	36	39	171	38
HZ-7Z	72	117	63	7	35
H4	72	117	63	7	35
I-IT	90	102	73	28	21
IS	94	101	70	21	17
JA-JS-KA	17	69	120	91	17
J2	19	56	110	114	15
JD	21	59	120	97	17
JT	23	116	99	62	14
JW	48	106	115	39	5
JX	64	112	91	43	4
JY	93	88	72	48	13
J2	66	122	56	12	45
J3	58	81	92	63	20
J5	45	164	41	32	32
J6	58	84	90	64	18
J7	59	83	88	68	16
JB	58	83	90	64	19
KB-KH1	30	26	66	145	47
KC4-KF1	58	57	100	84	15
KC6	26	50	75	131	32
KC6	30	51	88	102	43
KG4	57	60	102	92	15
KG6-KH4	23	56	102	113	20
KH6	25	55	82	129	24
KH7	13	49	112	95	45
KURE IS.	23	31	91	119	45
KURE IS.	17	42	136	91	28
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KURE IS.	83	95	87	42	7
KURE IS.	15	80	121		

BANDPASS: Call/Frequency/UTC (plus West, Mountain, Central, East Coast report)/Date

A35JL 14177 04C 26	HLØCBD 14035 12E 24	KAØCYR/	YBØAFA 14022 12W 18
A4XKD 14191 01E 17	HL9JT 14226 15W 26	SV9 14028 23C 22	YB4FN 7005 13W 22
A71AD 7045 02E 28	HR1RC 14021 02E 21	KAØCYR/	YB4FN 14027 13W 25
A92DQ 14174 21E 19	HZ1HZ 21005 21E 20	SV9 14028 01E 23	YBØARA 7009 11W 25
A92DY 21282 18E 28	HZ1AB 14223 02W 25	S79SM 21034 21E 20	YI1BGD 21341 20E 28
BV2B 14227 14W 21	HZ1HZ 14003 00E 26	S79SM 14026 21M 23	YJ8TT 14310 04C 22
BV2B 14227 15W 24	H44IA 14208 13W 24	TALJL 14029 04W 20	YJ8GX 14236 05W 26
BV2B 14216 13W 25	H44IA 14208 12C 24	TALJH 14024 22E 21	YJ8RG 14220 07W 26
CEØFQV 14217 06W 21 (Easter)	H44IA 14208 13C 26	TALMN 14039 23E 24	YN1JCC 14021 13E 20
CO2KG 7006 04M 24	ISØMVE 14018 21E 22	TALMN 14040 00E 28	ZD8RC 14227 00C 26
CM2HR 7009 06W 25	JT1BS 14020 15C 19	KD5YG/	ZD9BV 21265 17C 24
CT2AK 14194 02W 20	JTØDJT 14034 23E 19	TF 14236 00W 20	ZF1LA 7003 06W 21
C21BD 14210 12C 21	JT1BR 14030 22E 23	TG9VT 14235 05W 26	ZF2HX 7002 03M 22
DU7XX 7010 12M 21	JT1AO 14227 14W 24	TR8JLD 14194 06W 21	ZK1DA 14187 05W 22
K1BAZ/ DU1 7007 13W 22	JW5VAA 14189 02W 20	TR8CR 14220 07W 26	ZK1CG 14310 03C 23
DU9RG 14197 13C 22	J28EB 14236 03E 19	T2ADE 14310 05W 26	ZK1CG 14310 03C 26
KK7K/ DU2 14023 13W 24	J28EB 14236 03W 25	T3ØAT 14308 05W 21	ZK2IK 14335 04W 22
K2BTY/ DU7 14227 14W 24	AH2AN 14212 13W 24	T32AF 14194 05W 21	ZK2RS 14205 04W 25
DU6HM 7008 12W 24	KD7P/ NH2 14028 14E 26	T32DB 14001 01E 25	ZL7AMO 14030 03M 22
KF6ME/ DU2 14026 12W 25	N6JKS/ KH2 14205 11C 26	T77C 14025 22E 19	ZL7AMO 7004 12W 22
WB5LBJ/ DU6 14220 06W 26	AH2BB 14243 13W 26	UW3HY/1 14024 22E 15	ZL7AMO 14028 03C 23
EA6EJ 14031 00E 25	KC6HA 14227 15W 26	UW3HY/1 14024 21E 22	ZL7AMO 3503 13M 23
EA8FE 14033 03W 18	N2EDQ/ KH7 14236 03W 25	UW3HY/1 14024 04E 25	ZL7AMO 7007 12W 24
EA9NW 14325 04E 19	W7BRK/ KH8 14310 03C 23	UW3HY/1 14152 00E 28	ZL7AMO 14309 04W 25
EA9LZ 14207 04E 19	AH8A 14310 04C 26	UW3HY/1 3509 22E 27	ZL7AMO 7003 11W 25
EA9KN 14221 03W 20	VE7LB/ KH8 14225 04C 26	(A sked with Euro- peans, not heard W1)	ZL8AFH 28520 01E 22
EC9ID 21010 21E 20	AH9AB 14310 05W 25	UF6CX 14013 23E 19	ZL8AFH 14220 05C 22
EA9CE 21020 17E 26	AH9AB 14310 05W 26	UF6FCO 14018 02E 23	Z21AO 14196 14W 24
FB8WK 14023 12C 20	KS6CQ 14309 05W 20	UD6DJT 14034 00E 25	3D6AJ 14218 14W 20
F5RV/ TK 14197 04W 20 (Corsica)	KX6DS 14209 05W 22	UF6FU 14008 02E 25	3D6AA 14225 13W 21
FK8DK 7005 07W 24	KX6DS 14217 12C 23	UF6FFF 14033 02E 26	3D6AJ 14165 14W 26
FK8DK 14017 06W 25	KX6OI 14208 12W 24	UF7FWW 14035 03E 24	3D6AN 14180 14W 26
FO8EW 21018 21E 20	KX6DS 14210 04W 25	UL7PBN 14027 01E 25	3X4EX 21335 20E 18
FO8JC 21021 22E 20	KX6DS 14210 05W 26	UI8ADQ 14009 02E 23	3X4EX 14236 03C 22
FO8KP 7007 04C 27	KX6DS 14210 05W 26	RL8YL 14020 03E 25	3X4EX 14236 03W 25
FR7CA 14114 12E 17 (CW)	KX6OI 14208 12W 24	UI8AAO 14011 02E 25	OH9TH/ 4U 14033 03E 24
FR7ZD 14175 03E 19	KX6DS 14210 04W 25	VE1AWS/1 14014 23E 24 (Sable)	(Lebanon)
FR7CY 14206 03W 20	KX6DS 14210 05W 26	VE1AWS/1 14013 01C 25	5H3SG 14260 19E 19
FR7ZD 14226 04W 22	OD5SH 14226 05W 22	VK9NS 14220 05W 22	5T5RY 14193 01C 25
FW8AF 14236 04E 19	OD5LX 14026 02E 22	VK9NL 7008 12W 24	5T5RY 14193 02W 25
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HKØHEU 14193 12C 23	PZ1DV 14006 02E 21	VP9LF 14040 02E 23	5Z4MX 14030 04C 26
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HKØHEU 14220 06W 26	P29JP 14176 12C 24	VR6KY 14188 03W 20	6Y5JH 14009 22E 20
	P29ZL 14227 14W 24	V85GA 14200 13W 24	7P8BU 14180 13W 21
	P29TB 14190 13C 26	(Brunei)	8Q7AV 14188 01C 25
	P29ZL 14186 13C 26	V85HG 14227 13W 26	9M2HB 14226 14W 26
	TL8GE/ STØ 14235 04W 24	VS6DO 14186 14W 20	9V1UU 14213 15W 19
	SVØAH 21028 18C 19	VS6CT 14177 14W 23	9V1VZ 14050 14M 20
	WQ4W/	VS6HI 14020 13C 25	9V1UD 14205 14W 20
	SV1 14014 23E 19	VU2AJ 14019 02E 23	9V1VA 14021 13C 25
	SV5TS 21292 20E 28	XU1SS 14007 12C 25	9V1VM 14227 15W 26

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