The DX Bulletin

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 ISSUE 302 SEPTEMBER 6, 1985

PROPAGATION: Sept 4-7, High Normal; Sept 8, Below Normal; Sept 9, Disturbed; Sept 10, Below Normal; Sept 11-15, Low Normal; Sept 16, High Normal. TNX N4XX.

Flux	Flux	Flux	Flux	Flux	Date	F1ux	A	K
(80)	(81)	(82)	(83)	(84)		1	985	
170	249	138	109	74	8/23	71	18	3
163	248	140	108	74	8/24	71	13	2
152	249	155	108	80	8/25	71	19	3
151	268	153	102	81	8/26	71	13	3
156	255	177	104	86	8/27	72	18	2
165	270	178	102	89	8/28	72	13	2
175	249	182	101	87	8/29	72	17	2

We've been touting the possibility of a 27.5 day propagation cycle, centered on the first week of each month, beginning in early May. Further proof that something has been happening is that on July 2 (when Europeans were heard here on 24 MHz), the KINFE 6 Meter beacon was heard in both England and Sweden. Arnie's 50.440 beacon runs 40 watts DC input to a turnstile antenna...fed through almmost 500 feet of hardline. The antenna is about 70 feet high.

- DJ5RT announced he would activate a "rare African country" between about Sept 2 and 10; nothing had been heard from him as of mid-day Sept 2. He had said it would be a country "east of Senegal," (possibly Niger 5U7).
- Although it's been only two and a half years since two expeditions activated Heard Island simultaneously, that DXCC country has climbed back up our most-needed listings. Latest word from Jim Smith was no word, with the expedition's departure date of Sept 16 from Hobart Australia looming. One member confirmed for the team is a "radio technician" but Jim had no indication if the technician would be a licensed ham.

Kirsti Jenkins Smith, VK9NL, has written a book on the Heard Island DX Association's 1983 operation, to be on the market in October. The book is being published on Norfolk Island and Kirsti is arranging distribution rights in both the U.S. and Australia. Price and availablity will be announced shortly.

- A now-defunct DX newsletter reported last week that OH2BH was saying he would operate from Tirana, Albania, during a trade fair, beginning Sept 1. We have no reports as of the 2nd of Sept.
- The annual W9DXCC convention will be held Sept 21 in Glen Ellyn Illinois, with several speakers and programs on tap. Past attendees will automatically receive a mailer from the convention committee; you can request further information from Howie Huntington, 65 S. Burr Oak Dr., Lake Zurich IL 60047.

- JIm Neiger, N6TJ, will sign D44BC from the Cape Verde Islands during the CQ WW CW contest at the end of November. Before and after the contest he will operate SSB only, so please don't ask for CW contacts then. Work him during the contest! All QSLs will have to go direct to D44BC's Callbook address.
- 8R1 <u>Guyana</u> is scheduled for the <u>CQ</u> WW SSB contest by NQ4I/8R1, Rick Dougherty. QSLs to WI4K. Rick will be active on both CW and SSB before and after the contest weekend.
- Germany's DX NL says G4CAQ will be in the Uniter Arab Emirates (A6) for a couple of years, beginning this month, and he is investigating the license situation.

ABOUT THE COUNTRIES-NEEDED SURVEY (p2,3)

WE ARE INDEBTED again this year to Everett Jackson, WA8CZS, who printed the Survey forms and then processed them into usable data.

This year's Survey produced a disappointing 582 returns, down from 768 last year. For the third consecutive year the average DXCC total of those sending the forms in was 287.

While most of our long-time subscribers have upped their totals, we continue to get newcomers who hold the average total at the same figure. Another example of the new blood coming in is the climb of Heard Island back up the chart (it was on most recently in February, 1983).

It was distressing to see 54% of our Japanese readers reporting still needing Malpelo, following the operation just two years ago. We didn't produce a separate list for Europe this year, but most of the 30 or so who responded still needed Clipperton, as we suspected from correspondence following last spring's operation.

The data presentation is somewhat different this year ... we hope you find it interesting. The editor's predictions for the Top 20 were in Issue 291, in case you want to see how we did.

One item we continue to find interesting is the drop from year to year of Burma, XZ, even though there have been no operations there accepted for DXCC for 20 years. We think there are a lot of people hoping that someday Burma will change its policy and somehow those XZ5A, etc. QSLs will start counting for DXCC. Personally, we are not optimistic.

Thanks to those of you who sent the Survey sheets back ... we hope for a better response next year.

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SIXTH ANNUAL DXCC COUNTRIES-NEEDED SURVEY RESULTS

ASIA		NA WEST		T	WORLD		NA MID		NA EAST	
				1		V-1				
ZA	89	ZA	85	001	ZA	83	ZA	86	ZA	81
3Y	86	70	81	002	70	79	XZ	82	70	79
70	78	3Y	81	003	3Y	77	3Y	80	VU7/A	75
XZ	71	VU/A	67	004	VU7/A	72	70		XV	74
5A	64	[52] 1731 A. A. A. A.	67	005	XV	0.0000	VU/A	80	3Y	
A6	54	A6			YA	68		78		74
HK0M	54	XZ	66	006	4W	65	XV	73	YA	68
4W	50	YA	64	007		63	4W	69	4W	64
		5A	64	008	XZ	63	YA	68	XU	63
VP8 SGA	50	4W	63	009	5A	56	XW	62	XW	60
VU7A	46	S9	60	010	S2	54	XU	57	S2	59
YA	39	SV/A	58	011	XW	53	S2	57	15	52
1A0	39	XV	56	012	A6	52	5A	57	5A	52
S9	36	FR/G	53	013	XU	51	A6	56	A5	51
5U	36	300	51	014	S9	50	S9	56	XZ	47
ZS2M	32	S2	48	015	A5	47	15	52		44
XV	29			016	SV/A		VP8 S GA		S9	
VP8 SAND	29	A5	48		15	45		49	A6	44
TN	29	5U	48	017	VP8 S GA	44	SV/A	49	VP8 S GA	43
9Q	29	TT	48	018		44	A5	47	VP8 SAND	42
	25	VP8 SAND	47	019	ZS2I1	43	FR/G	47	ZS2M	42
SV/A	23	ZS2M	46	020	VP8 SAND	43	VU/L	47	ВУ	42
ET	25	FR/T	45	021	FR/GLOR	42	C9	47	C9	42
TT	25			022	C9	40	ZS2M	44		40
3C0	21	1A0	41	023	3C0	39	VP8 SAND		SV/A	
5X	21	ABU AIL	41	024	5U			43	FR/G	39
5R	21	VP8 S GA	40			38	300	42	FR/J DE N	37
		FR J DE N	40	025	FR/J DE N	36	5U	40	EC0	36
PYO P&P	21	XW	39	026	FR/T	35	BY	40	VU7/L	35
TY	22	3B6	38	027	VU7/L	35	FR/T	39	ET	35
VE SABLE	21	нком	38	028	ET	34	FR J DE N	38	5U	34
FR/J DE N	N 18	VK HEARD	37	029	BY	32	YI	36	FR/T	31
S2	14	5X	37	030	386	31	ET	35	3B6	31
A5	14	С9	36	031	TN	30	UG6	33	046/0	31
C9	14		35	032	60	28	TN	32	9M6/8	
FR/T	14	ET		033	ABU AIL	2413415	60		кн5к	30
60	14	60	35			28		32	FB8X	29
YI	14	XU	34	034	TT	27	ABU AIL	32	KH1	29
	11/10/	TN	34	035	5X	27	TT	30	VK MELL	29
TZ	14	5R	34	036	YI	27	3B6	29	TN	27
9G	14	PYOT	34	037	1A0	26	FB8X	29	ZL A&C	27
J5	14	TA	34	038	VK/HEARD	26	VK COCOS	29	60	27
18	11	VU/L	32	039	KH5K	25	1A0	29	VK MACQ	26
FR/G	11	PYO P&P	32	040	FB8X	25	5X	28	JD M.T.	25
	ALM.			041	5R	24	77. ASC			
		D6	31	041	ZL A&C	24	ZL A&C	26	YI	25
		FH	31	042			VK HEARD	26	VK COCOS	25
		18	29		PYO P&P	24	STO	26	BV	25
		ST0	29	044	STO	24	PYO P&P	25	VK WILLIS	25
		TZ	29	045	KH1	23	TA	25	FB8Z	24
1 - 47		9U	28	046	VK COCOS	23	CE0X	25	VK HEARD	24
RANKIN		3V	28	047	HK0M	23	VK MACQ	25	KC6/W	
GEOGRA	APHICAL	TY	27	048	VK MACQ	23	FH			24
AR				049	FB8Z		47-136-	25	5X	24
11.11		SU	27			22	5R	24	D2	24
Shown	is the	TJ	25	050	υ2	22	VK XMAS	24	ABU AIL	23
	name,	5V	25	051	VK MELL	22	TY	24	CR9	22
followed		FB8Z	24	052	FH	21	EP	24	STO	22
	tage of	3C	24	053	9M6/8	21	кн5к	23	5R	22
respon				054	VK WILLIS	21	KH1			
needin		J5	24					23	JD OGAS	22
coun		YI	23	055	PYOT	21	JD M.T.	23	T31	22
Coun		9N	23	056	TY	21	FB8Z	23	PYO P&P	21
		UG6	22	057	D6	21	D2	23	VK XMAS	20
		CE0X	22	058	UG6	21	JD OGAS	23	TT	20
		EP	22	059	JD M.T.	20	PYOT	23	D6	19
		D2	21	060	TZ	20	TZ	23	FH	19
		DL	41			20	2)	23	- FII	13

	1005		
1980	1985 WORLD	%/RANK	1984
004 +03		02 IVI	001 2740
007 +05	ZA 70	83 001 79 002	001 N/C 002 N/C
012 +09	3Y	77 003	004 +01
010 +06	VU7/A	72 004	006 +02
017 +12	XV	68 005	007 +02
019 +13	YA	65 006	009 +03
020 +13	4W	63 007	008 +01
003 -05	XZ	63 008	003 -05
022 +13	5A	56 009	011 +02
049 +39 026 +15	S2	54 010	013 +03
030 +18	XW A6	53 011 52 012	012 +01 015 +03
008 -05	XU	51 013	015 +03 010 -03
072 +58	S9	50 014	016 +02
055 +40	A5	47 015	019 +04
045 +29	SV/A	45 016	018 +02
053 +36	18	44 017	017 N/C
053 +35	VP8 S GA	44 018	023 +05
N/A N/A	ZS2M	43 019	022 +03
048 +28 015 -06	VP8 SAND	43 020 42 021	026 +06
N/A N/A	FR/GLOR C9	42 021 40 022	025 +04 021 -01
039 +16	300	39 023	027 +04
066 +42	5U	38 024	024 N/C
014 -11	FR/J DE N	36 025	028 +03
038 +12	FR/T	35 026	031 +05
005 -22	VU7/L	35 027	032 +05
N/A N/A	ET	34 028	029 +01
001 -28 N/A N/A	BY	32 029	014 -15
028 -03	3B6 TN	31 030 30 031	037 +07 035 +04
021 -11	60	28 032	038 +06
047 +14	ABU AIL	28 033	042 +09
033 -01	TT	27 034	034 N/C
023 -12	5X	27 035	030 -05
041 +05	YI	27 036	039 +03
N/A N/A 006 -32	1AO	26 037	047 +10
006 -32 N/A N/A	VK/HEARD KH5K	26 038 25 039	062 +24 048 +09
N/A N/A	FB8X	25 040	036 -04
031 -10	5R	24 041	041 N/C
058 +16	ZL A&C	24 042	044 +02
036 -07	PYO P&P	24 043	060 +17
057 +13 N/A N/A	STO	24 044	045 +01
052 +06	VK COCOS	23 045 23 046	050 +05 051 +05
018 -29	HKOM	23 047	049 +02
056 +08	VK MACO	23 048	040 -08
N/A N/A	FB8Z	22 049	059 +10
N/A N/A	D2	22 050	045 -05
050 -01	VK MELL	22 051	043 -08
051 -01 062 +09	FH ONG 40	21 052	053 +01
037 -17	9M6/8 VK WILLIS	21 053 21 054	058 +05 062 +08
062 +07	PYOT	21 055	056 +01
034 -22	TY	21 056	061 +05
043 -14	D6	21 057	067 +10
N/A N/A	UG6	21 058	071 +13
N/A N/A	JD M.T.	20 059	052 -07
059 -01	TZ	20 060	065 +05
N/A N/A N/A N/A	TA	20 061	067 +06
N/A N/A 011 -52	VK XMAS	19 062	055 -07
N/A N/A	CEOX 3C1	19 063 18 064	005 -58 033 -31
N/A N/A	JD OGAS	18 065	N/A NEW
N/A N/A	EP OGAS	18 066	N/A NEW
060 -07	BV	17 067	064 -03
N/A N/A	T31	17 068	053 -15
N/A N/A	CR9	17 069	066 -03
N/A N/A	KC6/W	17 070	072 +02
061 -10 067 -05	J5	16 071 16 072	072 +01
045 -28	TJ 5V	16 072 16 073	N/A NEW 069 -04
2.5	34	10 0/3	007 -04

HOW TO DECIPHER THIS PAGE

"1985 WORLD" is the results of all 582 Survey sheets received and processed, in order of country, percent needing, and rank 001-073.

To the left of that, 1980, shows that country's rank in our survey five years ago, and how much its rank has changed in the past five years (+ means movement up the chart, - means movement down the chart).

The column labeled 1984 shows the country's position last year, followed by its movement on the chart in the past year.

Example: ZA Albania was #004 in 1980, moved up 3 places since then; 83 percent of respondents need it this year, its rank this year is #001, and in 1984 its rank also was #001, with no change (N/C) since 1984.

On the far right, the column labeled 1984 is a sort of the countries in this year's top 73 (only) in order of their rank last year. Note, for example, that there is no #20; last year #20 was Clipperton, which dropped out of the top 73 this year.

The box below this shows the remaining 27 countries in the Survey, followed by the percentage of respondents needing them and their rank (074–100).

THE F	INAL	27
XF4	15	074
9U	15	075
9G	15	076
SU	14	077
3V	14	078
VS5	13	079
VP8 SHET	13	080
9N	13	081
VP8 ORK	13	082
JT	13	083
ZL/K	13	084
9X	12	085
HS	12	086
PY0F	12	087
FW	11	088
9Q	11	089
VE SABLE	11	090
кн3	10	091
KH7	10	092
HV	10	093
F00	9	094
KH4	9	095
ZL/C	8	096
VR6	8	097
DESECHEO	7	098
5T	6	099
NAVASSA	5	100

ZA 001 70 002 XZ 003 3Y 004 CE0X 005 VU7/A 006 XV 007 4W 008 YA 009 XU 010 5A 011 XW 012 S2 013 BY 014 A6 015 S9 016 1S 017 SV/A 018 A5 019 C9 021 ZS2M 022 VP8 S GA 023 5U 024 FR/GLOR 025 VP8 S AND 026 3C0 027 FR/J DE N 028 ET 029 5X 030 FR/T 031 VU7/L 032 3C1 033 TT 034 TN 035 FRBX 036 3B6 037 60 038 YI 039 VK MACQ 040 5R 041 ABU AIL 042 VK MELL 043 ZL A&C 044 ABU AIL 042 VK MELL 043 ZL A&C 044 D2 045 STO 045 1A0 047 KH5K 048 HK0M 049 KH1 050 VK COCOS 051 JD M.T. 052 T31 053 FH 053 FH 053 FF 066 TA 067 DF 066 TY 061 VK WILLIS 062 VK/HEARD 062 BV 064 TZ 065 CR9 066 TA 067 TSV 069 UG6 071 JC 067 JC		
70 002 XZ 003 3Y 004 CEOX 005 VU7/A 006 XV 007 4W 008 YA 009 XU 010 5A 011 XW 012 S2 013 BY 014 A6 015 S9 016 1S 017 SV/A 018 A5 019 C9 021 ZS2M 022 VP8 S GA 023 5U 024 FR/GLOR 025 VP8 SAND 026 SCO 027 FR/J DE N 028 ET 029 5X 030 FR/T 031 VU7/L 032 3C1 033 TT 034 TN 035 FB8X 036 3B6 037 60 038 YI 039 VK MACQ 040 5R 041 ABU AIL 042 VK MELL 043 ZL A&C 044 D2 045 STO 045 1A0 047 KH5K 048 HKOM 049 KH1 050 VK COCOS 051 JA 047 KH5K 048 HKOM 049 KH1 050 VK COCOS 051 JA 047 KH5K 048 HKOM 049 KH1 050 VK COCOS 051 JT 056 PM6/8 058 FB8Z 059 PYO P&P 060 TY 061 VK WILLIS 062 VK/HEARD 062 BV 064 TZ 065 CR9 066 TA 067 D6 067 TY 061 VK WILLIS 062 VK/HEARD 062 BV 064 TZ 065 CR9 066 TA 067 D6 067 TY 061 VK WILLIS 062 VK/HEARD 062 BV 064 TZ 065 CR9 066 TA 067 D6 067 TY 061 VK WILLIS 062 VK/HEARD 062 BV 064 TZ 065 CR9 066 TA 067 D6 067 TY 061	7Δ	00.
XZ 003 3Y 004 CEOX 005 VU7/A 006 XV 007 4W 008 YA 009 XU 010 5A 011 XW 012 S2 013 BY 014 A6 015 S9 016 1S 017 SV/A 018 A5 019 C9 021 ZS2M 022 VP8 S GA 023 5U 024 FR/GLOR 025 VP8 SAND 026 3C0 027 FR/J DE N 028 ET 029 5X 030 FR/T 031 VU7/L 032 3C1 033 TT 034 TN 035 FB8X 036 3B6 037 60 038 YI 039 VK MACQ 040 5R 041 ABU AIL 042 VK MELL 043 ZL A&C 044 D2 045 STO 045 1AO 047 KH5K 048 HKOM 049 KH1 050 VK COCOS 051 JD M.T. 052 T31 053 FH 053 VK XMAS 055 PYOT 056 9M6/8 058 FB8Z 059 PYO P&P 060 TY 061 VK WILLIS 062 VK/HEARD 062 SF 066 TA 067 DC 067 CC 069 UG6 071 J5 072 KC6/W 072 FJ N/A EP 0/A		
3Y 004 CEOX 005 VU7/A 006 XV 007 4W 008 YA 009 XU 010 5A 011 XW 012 S2 013 BY 014 A6 015 S9 016 1S 017 SV/A 018 A5 019 C9 021 ZS2M 022 VP8 S GA 023 5U 024 FR/GLOR 025 VP8 SAND 026 3C0 027 FR/J DE N 028 ET 029 5X 030 FR/T 031 VU7/L 032 3C1 033 TT 034 TN 035 FB8X 036 3B6 037 60 038 YI 039 VK MACQ 040 5R 041 ABU AIL 042 VK MELL 043 ZL A&C 044 D2 045 STO 045 1A0 047 KH5K 048 HK0M 049 KH1 050 VK COCOS 051 JD M.T. 052 T31 053 FH 053 VK XMAS 055 PY0T 056 9M6/8 058 FB8Z 059 PY0 P&P 060 TY WILLIS 062 VK/HEARD 062 VK/HEARD 062 STO 066 TA 067 TO 066 TA 067 TO 067 TO 066 TA 067 TO 067 TO 066 TA 067 TO 067 TO 067 TO 066 TA 067 TO 067 TO 066 TA 067 TO 067 TO 067 TO 066 TA 067 TO 067 TO 066 TA 067 TO 067 TO 067 TO 066 TA 067 TO 067 TO 072 TY WILLIS 062 TY		
CEOX VU7/A VU7/A O06 XV O07 4W O08 YA O09 XU O10 5A O11 XW O12 S2 O13 BY O14 A6 O15 S9 O16 IS O17 SV/A O18 A5 O19 C9 C9 C21 ZS2M O22 VP8 S GA O23 SU O24 FR/GLOR C9 VP8 SAND O26 SCO O27 FR/J DE N O28 ET O29 SX O30 FR/T O31 VU7/L O32 O3C1 TN O35 FRBX O36 SB6 O37 60 O38 YI O39 VK MACQ O40 SR O41 ABU AIL O42 VK MELL O43 ZL A&C O44 D2 O45 STO O45 IAO O47 KH5K O48 HKOM O49 KH1 O50 VK COCOS O51 JD M.T. O52 T31 O53 FH O53 VK XMAS O55 PYOT O56 O966 O71 JS VK WILLIS O62 VK/HEARD O62 VK/HEARD O62 VK/HEARD O66 O71 JS CCC O72 KCC6/W O72 CJ N/A EP N/A		
VUT/A 006 XV 007 4W 008 YA 009 XU 010 5A 011 XW 012 S2 013 BY 014 A6 015 S9 016 1S 017 SV/A 018 A5 019 C9 021 ZS2M 022 VP8 S GA 023 5U 024 FR/GLOR 025 VP8 SAND 026 3C0 027 FR/J DE N 028 ET 029 5X 030 FR/T 031 VU7/L 032 3C1 033 TT 034 TN 035 FB8X 036 3B6 037 60 038 YI 038 YI		004
XV 007 4W 008 YA 009 XU 010 5A 011 XW 012 S2 013 BY 014 A6 015 S9 016 1S 017 SV/A 018 A5 019 C9 021 ZS2M 022 VP8 S GA 023 5U 024 FR/GLOR 025 VP8 SAND 026 3C0 027 FR/J DE N 028 ET 029 5X 030 FR/T 031 VU7/L 032 3C1 033 TT 034 TN 035 FB8X 036 3B6 037 60 038 YI 039 VK MACQ 040 5R 041 ABU AIL 042 VK MELL 043 ZL A&C 044 D2 045 STO 045 1A0 047 KH5K 048 HK0M 049 KH1 050 VK COCOS 051 JD M.T. 052 T31 053 FH 053 VK XMAS 055 PY0T 056 9M6/8 058 FB8Z 059 PY0 P&P 060 TY WILLIS 062 VK/HEARD 062 BV CCR9 066 TA 067 TO 066 TA 067 TO 067 TO 067 TO 066 TO 067 TO 066 TO 067 TO 067 TO 072 KKC6/W 072 TJ N/A EP 066 TY VK EP 072 TJ N/A EP 073		005
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1984

CALENDAR

AFRICA

ALBANIA

More rumors Issue 302

MADEIRA

CONVENTION HEARD ISLAND

U.A.E. AUCKLAND

CHATHAM NORTH COOKS CHINA WILLIS

PITCAIRN MAURITANIA

GUINEA-BISSAU

ST PIERRE

CHRISTMAS COCOS-KEELING

LEICHTENSTEIN WALLIS

MALI E KIRIBATI KERGUELEN

SAO TOME

SUDAN

CONVENTION OATAR

KERMADEC

GALAPAGOS

PETER I ISLAND

end of October

Possible December by JF11ST; 1300

ISSUE 302

DJ5RT said he'd be on from somewhere

Sep 2-10; Issue 302 DJ2BW/CT3 Sept 1-15

W9DXCC Sep 21 near Chicago; 1302 Jim Smith waiting for Sept operation, needs permission, boat leaves 9/16

G4CAQ said to be in A6; I302 ZL9AA there now, 160-40 Meters

ZL7AA there on 10, 80 Meters ZK1WL by ZL3AFH may stay until Dec Active stations run-down 1294 VK9ZB on P29]S 14.220 net at 07Z

VR6JR on through Sept, mostly 20

5T5SL (9X5SL) reported in EU 14.277

at 1700

J5WAD on 20 SSB and CW

FP/W3ESU (CW) and FP/K8CFU (SSB) Sep 11-15, 160 Meters only.

VK9XJ info Issue 301 VK9X] says no current operators

VK9YS reported to be no good

HBONL Sept 15-OCT 27 FW8AF there, need reports

TZ6FS, WC new stations; 1298

T32AB is back FT8XB likes 20 SSB 0400-0600 S92LB on 14.183 2030-2330Z4

his QSLs are good for DXCC

9Y4RD talking about both Sudan ST and

S. Sudan STO soon DXPO Atlanta Sep 27-29 c/o KC4BX A71AD said will be on 160 late Oct ZL7OY (ZL4OY) expected on this winter

U.S. group complete for CQ WW Phone

THE W6GO/K6HHD LIST PO BOX 700 RIO LINDA CA 95673 U.S.A.

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