

# 1967 DX World Wide DX (Phone) Contest

BY FRANK ANZALONE,\* W1WY

We had another good one this year (Oct. 1967). Again the "all time records" will have to be up-dated and new champions crowned.

No object would be served in quoting figures, the various charts in this report give this information in details. You will note that we have made some additions and modifications and hope that you will find them more informative.

In the single band division the top scores are now listed in groups of six on each band. Since this is a world wide competition we feel it's proper that comparisons are made on a world wide basis.

It's interesting to note that the 10 meter band high scores are dominated by South Americans, with our friend "Jaycee" still the champ on that band. LU1DAB exceeded his last year's world record by a wide margin. Also note W2BXA's score. Nice going Ben.

On 15 it was the Europeans that had a monopoly on the high scores. DL6EN maintained his position at the top of the heap and Gunter has a new world's record.

The entries from the 20 meter boys was definitely lower than previous years. Still this was the band that produced the highest scores and the Trophy winner, G5AAM, Bob Lane, remember him? In 1965 he did it at F7BL, this year he again topped all the single banders from the other side of the Channel. So Stew Meyer can be our ambassador and present his own Trophy on his next trip to England.

However YV5BIG's record still stands. Raul sat this one out and let his friend YV5AXT have a crack at it, but Tony didn't quite make it.

In spite of the fact that both 40 and 80 were below par this year, K2GXI made a new world high on 40, and in doing so Bob also beat out his perennial rival W3PHL. However both had better watch out for G3NLY in the future.

The two 80 meter hot shots YV5BTS and ON4UN did not make an appearance this year. The scores on that band were below normal, so the all time record remains intact.

Many have asked, "Why 160?" especially

\*Chairman, Contest Committee.

## TROPHY WINNERS

**Single Operator, All Band, World**  
W2SKE, Bill Leonard Trophy  
won by Don Miller, VK2ADY/9

**Single Operator, All Band, Europe**

W4BVV Operators Trophy  
won by Michael Bazley, G3HDA

**Single Operator, All Band, U.S.A.**

Potomac Valley Radio Club Trophy  
won by Doug Gaines, W4AXE

**Single Operator, Single Band (14 mc)**  
W2GHK, Stuart Meyer Trophy  
won by Bob Lane, G5AAM

**Multi-Operator, Single Transmitter**

W6YY, John Knight Trophy  
won by Station I4GAD

(Oprs: I1AUM, I1BXN, I1GAD,  
I1LCK, I1TAE)

**Multi-Operator, Multi Transmitter**  
Radio Club Venezolano Trophy  
won by Station OF5SM

(Oprs: OH2BCP, OH2BO, OH2BR, OH2ER,  
OH2HN, OH2TH, OH2WI, OH3PC,  
OH5NQ, OH5NW, OH5SE, OH5SM,  
OH5TM)

## SPECIAL CONCURRENCE

**World Champion**

**Multi-Operator, Multi Transmitter**  
Station OF2AM, OH DX Ring

(Oprs: OH2BBM, OH2BBR, OH2BC,  
OH2BCZ, OH2BH, OH2BQ, OH2BS,  
OH2KH, OH2QV, OH2SB)

**European All Band Champion**

Walter Skudlarek, DJ6QT

**Outstanding Performance**

James E. Rumble, VK6RU

on phone. Well, it does produce some activity and its certainly quite a challenge. Its fitting that the new record was made by Jan, a 160 buff of long standing.

As for the all banders any superlatives would be futile. Breaking a million was common place, 19 contestants did the trick, most of them Europeans. We haven't gotten around to figure how many records were broken (that's Freddie's job) but it will be interesting to see the new All-Time Records list. (Or you can check last year's list, page 65, Sept. '67).

The VK2ADY/9's score was a typical Don Miller performance. This year Don outdid

### Single Operator—All Band

Station	QSO's						Zones						Countries					
	1.8	3.8	7	14	21	28	1.8	3.8	7	14	21	28	1.8	3.8	7	14	21	28
VK2ADY/9	29	118	949	1084	1130		15	25	38	38	37		20	37	110	104	113	
DJ6QT	109	130	452	646	629		9	16	32	29	33		35	48	99	69	64	
VK6RU	8	47	518	148	952		4	16	34	23	32		6	18	94	37	71	
G3HDA	66	124	764	506	185		8	14	33	29	24		30	43	84	68	40	
DJ2QZ	112	140	320	568	501		13	9	33	27	29		41	38	73	54	53	
DJ5BV	63	68	274	547	569		8	11	28	28	27		33	39	70	54	53	
W4AXE	38	78	416	299	263		13	19	34	33	28		17	36	83	82	68	
YU3LB	79	132	651	714	104		7	10	34	26	21		30	35	78	56	28	
WØGTA/LA	85	77	448	397	490		5	9	27	28	28		23	30	73	50	41	
ZL1KG	1	5	62	330	513	476	1	3	14	34	29	27	1	2	18	77	63	42

### Multi-Operator—Single Transmitter

I4GAD	67	80	616	716	1093		6	10	31	33	34		26	35	80	65	70	
CX3BH	3	6	25	583	809	923	2	4	13	31	32	26	3	6	15	75	63	57
SM2BJI		53	139	754	680	360		8	20	35	28	33		30	45	88	60	60
YV5ANF	1	23	83	827	820	248	1	7	17	36	25	24	1	10	33	106	75	59
DJ7IK		29	54	689	659	481		5	9	35	30	35		21	26	100	57	63
UA3KBO		89	189	355	869	494		7	15	34	25	27		26	43	79	52	45

### Multi-Operator—Multi-Transmitter

OF2AM	3	330	467	2256	1850	1142	2	10	28	39	36	36	3	43	68	141	104	89
OF5SM	7	264	489	1635	1747	1316	2	12	23	39	37	36	3	45	65	134	102	99
4M5A	2	187	369	1568	1619	1288	1	11	18	37	36	31	2	24	51	127	102	87
K2GL	3	80	201	1017	886	858	2	15	26	39	37	35	3	32	65	136	121	103
W3TM2	2	71	237	739	820	706	2	15	28	37	37	36	1	25	63	121	120	106
CE6CA		35	126	982	1032	1269		7	21	38	32	28		7	26	105	79	58

Top scores band-by-band breakdown.

himself, but as he explained it, everything was in his favor. A rare location, a good antenna farm, adequate a.c. power for a change, good propagation conditions and a full 48 hour operating schedule. He averaged 70 QSO's per hour, dropping as low as 25 per on 40 and 80 and rising to 200 on the other bands. This may have been Don's last DX phone contest from a rare location.

Since DJ6QT was a winner last year, Walther is not eligible for the W4BVV Trophy, but he will be awarded a special *CQ* Plaque. The Trophy goes to G3HDA. Congratulations Michael, that's the first time one of our Trophies has been won by a station in the British Isles.

This year the Committee voted to give an additional award. A plaque to the station, who in our opinion, contributed the most in the contest. I'm sure all will agree that Jim's activity from VK6RU was a most welcome signal from rare Zone 29, and deserving of this award.

Incidentally the UA boys want to remind all of us that the 80 meter phone band for the USSR extends only from 3600 to 3650 kc.

And let's not overlook W4AXE's new record for the USA and North America. That's the first time the million mark has been broken on phone in the USA. Nice going Doug.

A nice surprise was the score submitted by CE6CA. The boys of the Radio Club Temuco spent a month setting up an antenna farm just for the contest. They found the going on 40 and 80 pretty tough that far south.

The single transmitter multies were topped by a well known group of 11 phone men. This is also a first for Italy, which goes to prove that it can be done.

CX2CO teamed up with a group at CX3BH but didn't quite make it. Nice try Ricardo.

Also disappointing was the fact that we never did receive 4L7A's log. Seems it got lost before it even got to Moscow. Too bad, as UP2NV claimed that they had made a score of better than 2.7 million.

Last year it was OH5SM's log that got lost. It's a shame to see so much effort go down the drain. We sometimes wonder how many other logs are lost in the mail.

Maybe the Hong Kong gang didn't make the Top Six but VS6AJ sure gave it a go. In spite of typhoon Dinah, long wires that would not load and spiders as big as saucers in the shack.

The battle of the Big Guns was a dilly. The new Champs, the boys of the OH DX Ring. The Venezolano crew was unable to activate YV9AA this year and hurriedly set up 4M5A at what they considered an inferior

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**Top Ten  
ALL BAND  
SINGLE OPERATOR**

<b>VK2ADY/</b>	DJ5BV	1,408,914
9	<b>5,045,115</b>	<b>W4AXE</b> ... 1,301,776
<b>DJ6QT</b>	2,270,224	YU3LB ... 1,284,075
<b>VK6RU</b>	1,627,095	<b>W0GTA/</b>
<b>G3HDA</b>	1,567,346	LA ... 1,247,544
<b>DJ2QZ</b>	1,529,210	ZL1KG ... 1,241,823

**Top Six  
MULTI-OPERATOR  
SINGLE TRANSMITTER**

<b>I4GAD</b>	2,764,320	SM2BJI ... 2,168,089
CX3BH	2,225,235	DJ7IK ... 1,933,956
YV5ANF	2,198,126	UA3KBO ... 1,676,750

**Top Six  
MULTI-OPERATOR  
MULTI-TRANSMITTER**

<b>OF2AM</b>	9,259,941	K2GL ... 5,414,252
<b>OF5SM</b>	7,738,911	W3TMZ ... 4,355,670
4M5A	7,468,117	CE6CA ... 4,003,584

**Top Scores  
SINGLE OPERATOR SINGLE BAND**

28 mc	7 mc
LU1DAB ... 501,828	K2GXI ... 60,204
YV1LA ... 450,007	G3NLY ... 58,982
OA8V ... 416,928	W3PHL ... 52,955

Number groups after call letters denote the following:  
Band (A-all); Final Score;  
Number of QSOs; Zones and  
Countries. Certificate win-  
ners are listed in **bold face**.

# Phone Results

**SINGLE OPERATOR**

**North America**

**United States**

<b>KIHVV</b>	<b>A</b>	<b>445,048</b>	<b>614</b>	<b>101</b>	<b>[91]</b>
K1OBT	"	370,747	526	85	162
W1OKG	"	217,557	374	67	140
WA1IHN	"	201,292	391	59	123
W1JYH	"	68,911	176	48	89
W1PCD	"	16,650	86	49	71
W1PLJ	"	7,200	62	15	25
WA1EDR	"	4,961	43	16	25
K1QJP	"	1,083	20	8	11
K1IMP	<b>28</b>	<b>205,625</b>	<b>564</b>	<b>33</b>	<b>92</b>
K1LWL	"	114,330	352	30	81
K1NWE	"	88,112	321	29	63
K1KNQ	"	65,706	266	26	60
K1YRO	"	53,500	196	33	65
W1DEP	"	48,218	213	27	51
K1AJQ	"	46,225	186	29	60
W1BIIH	"	33,722	126	32	74
W1WY	"	22,594	103	27	52
K1FPN	"	16,714	95	21	40
K1YRG	"	2,686	27	13	21
W1HQV	<b>21</b>	<b>216,543</b>	<b>572</b>	<b>33</b>	<b>98</b>
WIRIL	"	103,600	611	31	79
K1SHN	"	62,046	249	28	60
K1ZDI	"	14,210	98	15	34

<b>W2BXA</b>	309,844	<b>JA2BTV</b> ... 46,620
VK9GN	291,194	<b>DJ3BW</b> ... 46,566
G2BOZ	280,675	<b>SM5EAC</b> ... 23,694

21 mc	3.8 mc
DL6EN	503,034
ON5KY	418,999
SM3CNN	386,816
4X4TP	375,354
HB9ZY	372,922
PA0LX	332,326

14 mc	1.8 mc
<b>G5AAM</b>	824,344
CR6BX	698,640
YV5AXT	638,748
SM4CMG	420,210
KP4AST	400,928
KZ5TW	391,230

**U.S.A. Honorable Mention  
Single Operator**

All Band	W6ITA	987,012
28 mc	W8OCT	229,233
21 mc	W1HQV	216,543
14 mc	K8YBU	360,160
7 mc	W8GDQ	21,616
3.8 mc	WA8ROJ	3,996

**Multi Operator**

Single Trans.	WA6ZQU	1,451,219
Multi-Trans.	W4ETO	2,274,540



W2LEJ is located in the heart of Manhattan (NYC) proving that it can be done from a restricted area even though Dick was not a winner.

WB2YJS	"	48,060	212	25	55	W4DTS	"	50,100	140	59	85	W6ITA	A	987,012	I,043	109	224	W7AZG	28	I15,020	370	32	76	
WB2AEL	"	32,562	140	27	51	W4PTR	"	49,896	140	51	73	K6SEN	A	632,090	834	95	187	K7PXR	"	77,450	273	30	64	
WA2WVL	"	13,912	100	17	30	WA4PFW	"	42,750	123	52	73	WA6IVN	A	475,416	590	99	180	W7MX	"	46,563	196	29	54	
W2UH	"	1,428	23	7	14	WA4LRN	"	38,280	112	49	83	W6NJU	"	421,888	502	108	191	W7DQM	"	35,868	150	29	55	
W2EYB	I4	28,860	106	27	69	W4BU/4	"	29,388	118	37	56	W6QJW	"	283,619	465	74	143	W7EKM	"	34,162	162	47	47	
W2IUW	"	20,868	101	23	49	W4DUW	"	27,930	109	35	55	K6DSR	"	282,693	427	96	145	W7CPT	"	19,328	110	23	41	
WA2BZV	"	8,214	81	11	26	W4DKU	"	18,518	72	41	53	W6LDA	"	267,007	387	97	150	W7AVY	"	18,560	114	19	39	
WA2BPH	"	2,652	36	9	17	W4HA	"	9,338	61	25	33	W6VNH	"	206,960	407	91	144	W7ZOH	"	14,945	89	21	40	
W2CKR	"	845	22	5	13	W4NJP	"	6,392	45	16	31	W6WXA	"	218,105	322	93	148	W7PJL	21	I00,415	358	30	65	
K2GXJ	I	60,204	254	27	60	W4GF	"	926	29	5	10	W6SHF	"	213,810	356	84	132	W7DQM	"	38,364	191	23	46	
K2RBT	3,8	11,040	92	15	33	K4VYN	I8	193,550	524	35	95	K6CQF	"	195,958	312	90	143	K1IEM/7	"	30,128	182	22	34	
W2ZPO	"	5,361	66	10	21	W4EEU	"	100,217	290	32	87	K7YRD	"	178,500	273	71	104	W7GUW	I4	37,048	150	29	59	
W3WJD	A	840,626	805	115	247	K4QWQ	"	86,200	297	32	68	W6KHN	"	138,502	279	79	112	W7OEV	"	14,742	86	26	37	
W3BES	A	537,250	620	98	209	W1HUE	"	85,884	290	32	70	W6ZKM	"	134,044	283	66	102	W7YEX	"	14,430	76	26	39	
K3HTZ	"	324,562	489	82	157	W1BAI	"	80,200	277	30	70	W6QKJ	"	124,254	253	76	101	K7CHT	"	1,152	22	7	11	
W3HHK	"	256,677	444	72	129	W3Z1/4	"	45,436	211	27	47	W6DZZ	"	118,372	215	73	119	W7BCV	"	229	12	5	8	
W3GHIS	"	221,656	380	78	128	W3MD1/4	"	44,712	193	25	56	W6AHH	"	118,086	232	72	108	W7TWA/8	A	305,928	425	91	161	
K3AIG	"	181,561	340	76	119	W6DMM	"	34,194	150	29	53	K1EID/6	/6	116,816	276	57	92	W8WPC	"	147,266	324	56	101	
W3WPG	"	160,034	344	51	119	W4WFQ	"	32,193	151	26	47	W6BZGJ	"	115,305	275	57	96	W7BTE/8	"	122,630	266	57	106	
W3K1K	"	146,025	397	59	196	W4KMS	"	7,803	52	20	31	W6LDQ	"	113,520	227	73	99	W8SMCR	"	119,511	276	50	97	
W3AXW	"	133,290	250	77	123	W4DQD	"	5,328	53	13	23	W6ERS	"	106,190	194	86	119	K80VK	"	107,200	249	58	102	
W3GRS	"	129,710	211	77	141	W4BESE	"	209	7	5	6	W6BSY	"	94,340	198	72	106	W8DQL	"	34,646	122	31	51	
K3CHP	"	112,608	366	46	50	WA4LMD	I2	136,612	399	33	66	W6CUF	"	90,133	197	72	101	W8KCO	"	32,671	135	26	58	
W3FYS	"	111,074	247	56	102	W4FRO	I2	129,739	329	38	101	W6VVI	"	86,078	199	66	91	W8KYV	"	31,518	228	40	75	
W3IYE	"	103,512	233	59	93	K4CGC	"	114,359	350	33	86	W6NTQ	"	86,254	236	44	78	W8YGR	"	24,024	82	40	64	
W3KDF	"	101,184	240	48	88	W6NQM	"	115,150	431	28	70	W6OHU	"	83,876	210	57	75	K81KH	"	23,053	234	19	42	
W3HVM	"	81,593	203	51	88	W4CYC	"	83,605	251	32	83	WB6KRW/	"	6	79,867	188	57	69	W8IHY	"	18,062	150	40	77
W3GRF	"	76,770	230	48	77	W4WZL	"	60,258	259	29	68	K6PITH	"	70,620	220	46	64	W8RCGN	"	15,664	72	41	47	
W3PN	"	49,407	133	45	84	W4DRW	"	50,962	221	24	59	W6EJJ	"	61,513	164	59	78	W8TWJ	"	3,864	32	19	23	
W3DRD	"	47,710	134	52	78	K4YMQ	"	19,944	112	27	45	W6QBY	"	51,061	229	30	61	W8COT	28	229,233	612	34	95	
K3MCO	"	44,940	146	46	63	K4FDQ	"	19,044	112	27	45	W6UQQ	"	43,194	161	37	61	W8WPC	"	16,488	487	32	84	
W3INH	"	41,715	135	34	69	W4AMT	"	4,329	48	12	20	W6PLS	"	35,200	129	41	59	K8WVJ	"	133,840	414	32	80	
W2AGM/3	"	36,554	160	34	94	W4AWAO	I4	75,936	238	32	80	W6AHD	"	32,580	124	36	51	WA8ISL	"	95,188	312	32	74	
W3CAA	"	30,455	109	33	64	W4CWS	"	19,740	104	20	50	W6AIIOR	"	21,280	160	31	45	W8PQJZ	"	62,318	244	28	58	
W3JPT	"	18,762	139	34	60	W4WZQ	"	18,354	106	22	47	W6DAD/6	"	13,660	126	30	50	K8GVK	"	56,602	212	29	62	
W3WYB	"	18,216	97	22	44	W4JYU	"	10,210	290	32	68	W6WYV	"	13,350	90	24	66	W8WQD	"	39,783	82	26	61	
W3GHD	"	17,556	76	44	40	W4BEKI	"	8,740	75	18	28	W6QYV	"	9,900	70	21	29	W8DWP	"	17,018	109	21	42	
W3NOH	"	12,875	84	24	41	W4IF	"	7,849	61	19	28	W6KIL	"	5,250	48	22	28	K8HZU	I2	171,125	477	31	94	
W3CBF	"	8,316	64	12	32	W4BYB	I2	16,705	95	20	45	W6BIP	"	3,820	80	14	20	W8RXY	"	114,570	339	36	78	
W3CGS	"	6,705	61	14	31	W4AWO	I2	43,328	553	105	188	W6TOJ	"	17,886	103	23	37	W8CVII	"	76,908	259	32	70	
W3KQD	"	5,396	50	10	28	WA5ALB	A	438,328	553	105	188	W6NKR	"	1,537	20	13	16	W8ASLT	"	25,872	159	18	38	
W3EQA	"	4,158	42	15	18	W5JAW	"	284,080	351	88	180	K6GOM	"	3,132	37	14	15	W8AKTM	"	4,275	35	18	27	
W3TLN	I2	190,920	547	35	85	K5ACT	"	173,430	328	69	125	W6ROR	"	1,408	32	9	7	K6ERY	28	158,002	449	33	85	
W3ZPO	"	94,710	320	32	72	W5JW	"	150,410	301	59	119	W6YAW	"	102,120	327	31	80	K8YBU	I4	360,160	798	38	122	
W3VEQ	I2	159,965	480	31	84	W3RWZ	"	84,204	219	68	88	W6GLD	"	60,465	212	31	82	W8BVF	"	41,736	152	30	64	
W3AYD	"	140,102	422	33	84	W5SDV	"	83,952	237	30	69	W6AQLI	"	56,330	234	28	58	WASGPX	"	8,892	63	21	31	
W3AYD	"	16,302	103	20	37	W5LGO	"	15,288	72	26	52	W6VQZ	"	42,000	188	28	52	WASSWV	"	5,265	50	14	25	
W3HHR	"	6,888	17	6	16	W5AER	"	60,572	252	30	54	W6VQY	"	42,300	119	30	43	K8EUR	I2	21,616	145	19	37	
W3AFGS	I4	102,592	324	32	80	W5MSQ	"	117	5	4	4	W6EKL	I2	205,296	696	31	81	W8RQJ	3,8	3,996	64	11	16	
W3PHL	"	52,955	223	26	63	W5WDJ	"	7,205	48	26	29	W6LED	"	153,930	500	33	72	W8GDQ	I8	36	4	3	3	
W4AXE	A	1,301,775	1094	127	286	W5RQA	"	56,211	232	29	62	K6QJD/6	"	150,840	444	34	84	W9EWG	A	619,229	732	104	195	
W4BVV	A	982,647	947	122	247	W5DQV	"	58,968	250	27	51	W6PQW	"	132,582	407	33	81	W9LJK	"	563,784	633	105	207	
K4CC	"	465,808	576	94	195	W5CJY	"	31,510	161	24	52	K6UJW	I4	87,376	239	37	90	W9RQE	"	366,776	532	91	163	
W4KFC	"	448,678	503	87	176	W5TCG	"	5,006	53	11	22	K6YTHA	"	80,504	259	35	81	W9NME	"	59,514	229	29	62	
W4NBV	"	425,432	527	99	185	W5BVD	"	6,614	70	15	31	W6BPNB	"	40,313	159	33	58	W6RQY	"	44,772	205	25	53	
W4YDD	"	394,496	555	92	164	W5LNX	"	2,052	54	14	24	W6EUF	"	37,304	145	33	59	W6HHH	"	42,418	182	27	56	
K4EZ	"	289,654	422	94	157	W5KBC	I4	86,180	261	35	85	W6UED	"	1,251	70	20	31	W6TEQ	"	19,767	114	19	42	
W4MMD	"	178,189	368	58	108	W5WKC	"	53,310	188	32	72	W6FCR	"	42,228	225	26	42	W9TUM	"	15,934	92	21	41	
W4EI	"	185,300	333	58	116	W5WDJ	"	3,708	40	15	21	W6GOOP	"	37,054	154	29	53	W8CPO/9	"	8,100	48	24	36	
W4OPM	"	184,734	302	62	130	W5DQV	"	58,968	250	27	51	W6GVL	"	89,175	329	32	63	WA9SXJ	I2	142,020	421	31	77	
W4YVW	"	123,192	264	63	116	W5CJY	"	35,576	141	41	61	W6QFR	"	44,288	302	26	58	W9ZTD	"	45,990	182	30	60	
W2GHK/4	"	114,126	253	60	93	W5TCG	"	23,028	96	49	65	W7QON	"	22,185	91	35	82	W9CYV	"	15,180	86	21	39	

WOBDD	"	83,504	303	30	68		Greenland	JATPC	"	64,460	208	47	63	JA1PVJ	"	2,560	31	15	1						
KOGVE	"	66,928	250	30	64	0X3DM	14 21,840	143	22	38	JA3DJ	"	49,282	210	35	47	JI1CPU	"	1,824	30	11	1			
WAQOT	"	61,946	233	30	64	0X3PZ	"	4,732	68	6	20	JA7KE	"	45,477	182	42	51	JA1ERX	"	1,395	45	14	1		
WAQKXZ	"	32,361	164	23	46	TG8RH	A 13,230	139	24	25	JA3MKL	"	39,424	176	37	40	JH1CNK	"	1,130	39	6	1			
KORNZ	"	28,124	134	26	53	TG8IA	28 6,215	121	12	19	JA2HO	"	36,464	125	41	65	JH1APK	"	1,056	17	11	1			
WAQBQ	"	20,367	98	28	45	Honduras	A 13,230	139	24	25	JA7JU	"	35,845	120	51	56	JA4FJD	"	493	11	1	1			
WOLBP	"	5,549	61	12	19	HR2GK	A 326,566	815	68	120	JA7CDV	"	35,640	145	37	51	JA8NU	14	186,865	494	35	9			
WAQJM	"	1,300	22	11	14	HR1KAS	14 345,554	1011	34	105	JA7UQ	"	25,678	132	35	39	JAGAD	14	146,280	374	34	10			
WAQJN	"	576	12	6	12	XE2YP	14 161,245	583	34	85	JA1AG	"	21,630	75	40	65	JATMA	"	35,432	123	34	6			
WBVXO	21	97,278	396	28	65	XE1HS	"	6,612	74	14	24	JA0AWF	"	16,946	63	34	40	JAHAG	"	24,140	102	33	5		
KOIFL	"	72,716	264	31	67	XE1AE	"	4,961	46	14	27	JAAAT	"	6,650	50	22	28	JARQA	"	19,440	92	31	4		
WOLRS	"	63,856	211	32	72	6Y5CB	14 32,306	239	16	42	JA1AAT/R5	"	4,066	44	18	20	JADWT	"	16,900	97	26	3			
WAQMOJ	"	17,940	126	19	33	Mexico	A 266,585	647	73	112	JA2LA	"	3,686	35	19	19	JABEX	"	8,428	62	22	2			
KOYIP	"	16,282	70	20	33	XE1PP	14 161,245	583	34	85	JA6GLK	"	2,865	31	16	17	JANSW	"	8,415	52	15	3			
WORDF	"	495	12	7	8	XE1HS	"	6,612	74	14	24	J4DZ	"	2,275	25	17	18	JAZAMD	"	5,152	41	18	2		
WDYHJ	14	113,700	300	37	94	XE1AE	"	4,961	46	14	27	JA1BNW	"	2,244	25	15	19	JASBBM	"	2,175	25	14	1		
WOSEA	"	40,092	188	23	55	Panama	A 69,620	280	52	66	JA2HFB	"	615	16	12	13	JATOI'	"	1,392	25	15	1			
Alaska						Alaska	A 190,008	745	32	55	JA3EGE	28	190,008	745	32	55	JA1PM	"	925	15	13	1			
KL7FRY	A 487,296	1125	83	109		HPIJC	A 266,585	647	73	112	JA1MHV	28	187,256	713	32	57	JA3NPL	"	384	10	7	1			
KL7MF	"	183,491	1079	34	43	WP6AL	14 29,325	262	19	32	JA3BJC	"	113,225	574	33	52	JABTY	7.	46,620	196	29	5			
KL7EFX	14	28,860	137	24	50	Barbados	KP4	A 118,800	699	36	44	JA4QT	"	122,460	533	27	51	JASEGW	"	3,078	41	12	1		
Canada						Barbados	KP4CLB	21	48,681	245	24	57	J43DGC	"	116,130	501	29	50	JALWII	"	1,280	24	10	1	
VO1HI	A 359,832	920	60	128		Canada	KP4AST	14 400,928	1288	31	105	J4RCKC	"	93,513	440	29	44	JALDMX	3.8	230	9	5	1		
VO1OW	"	37,525	163	31	64	KV4AM	KP4CL	14 370,986	1384	31	90	JALIUQ	"	76,544	506	19	33	JAZAJB	"	168	9	4	1		
VO1AQ	14	93,240	393	29	76	Ascension Island	A 290,780	708	54	86	JAY1CU	"	69,952	379	25	39	KA2DI	28	87,561	440	26	4			
V02AB	14	12,648	140	17	34	ZD8HAL	21	21,420	151	20	31	JAY1FPR	"	48,969	263	28	36	KAZFL	21	31,388	259	17	2		
3B2AW	"	696	43	4	4	Ascension Island	ZD8CC	21	21,420	151	20	31	JAY1ERJ	"	47,664	332	20	28	Korea						
VE1TG	14	303,150	842	34	107	ZTDXH	28 141,024	441	31	82	JAY1BVZ	"	46,020	263	26	53	HL9KA	A	247,270	576	63	9			
VE2AYU	A 183,073	362	61	126	Angola	A 207,168	402	83	95	JAY1GMZ	"	44,700	257	24	36	HL9TS	28	111,860	588	27	4				
VE2VA	"	12,285	67	27	43	CR6DX	28 190,872	659	29	70	JAY1HJM	"	14,300	104	20	32	JAY1TM	14	30,001	249	23	3			
VE2A10	28	110,220	358	32	78	CR6BX	14 696,640	1450	39	125	JAY1AA	"	11,040	127	11	19	Korea								
VE2AWY	14	114,030	350	37	89	Congo Republic	A 153,669	320	64	117	JAY1BDR	"	10,000	90	15	25	Lao	XW8AX	A 766,117	1051	91	18			
VE2AWM	"	79,500	308	27	73	Ethiopia	A 153,669	320	64	117	JAY1X1	"	9,840	86	17	23	Lebanon	OD5EN	A 154,455	491	28	7			
VE2DCX	"	35,813	174	25	56	Ethiopia	ET3REL	A 619,014	930	76	150	JAY1GRO	"	7,000	62	17	23	Malaysia	9M2PO	A 289,852	575	83	15		
VE3E3LA	A 117,068	280	45	103	Ghana	TN8AA	A 153,669	320	64	117	JAY1TACVY	"	17,924	159	18	18	Pakistan (West)	AP2MF	A 36,480	149	30	6			
VE3CE3	"	96,610	265	40	88	Kenya	JAY1GIK	14 23,815	126	30	59	JAY1TACVY	"	17,760	150	17	23	Ryukyu Is.	KR6TAB	28	61,446	337	29	4	
VE3CEZ	"	51,435	113	52	75	Morocco	ZD7DI	28 151,335	550	28	67	JAY1BAR	"	5,148	19	19	20	KR6LS	14	105,433	404	35	7		
VE3CYF	"	42,848	132	37	66	Morocco	ZD7D1	28 151,335	550	28	67	JAY1JYL	"	5,031	48	18	31	Saudi Arabia	H2IAB	A 98,987	419	20	5		
VE3ESN	"	16,661	83	22	48	South Africa	ZTDXH	28 151,335	550	28	67	JAY1PFK	"	5,031	46	18	21	USSR							
3C3D1B	28	108,576	424	28	68	ZS5JK	A 209,684	584	44	80	JAY1DBG	"	1,388	40	9	8	Asiatic	UW9CC	A 445,260	786	59	14			
VE3BMB	21	90,944	340	29	69	ZS4KX	A 207,168	402	83	95	JAY1FTJ	"	218,260	2070	28	62	UW9EU	"	409,248	685	59	16			
VE3EMR	14	192,717	580	35	98	ZS4KN	A 207,168	402	83	125	JAY1FZD	"	87,033	444	24	43	UW9EEII	"	155,976	639	59	7			
VE3CBG	"	173,763	493	34	95	ZS5PP	A 209,684	584	44	80	JAY1FRE	"	60,102	324	20	43	UW9PP	28	97,152	580	20	5			
VE3BSJ	"	96,758	330	32	80	ZS5UU	28 138,756	507	30	63	JAY1GDE	"	52,650	279	22	43	UA9AB	"	17,150	107	21	3			
VE3DLC	"	62,584	218	33	72	Tanzania	ZS5UU	28 138,756	507	30	63	JAY1HZZ	"	43,462	242	24	38	UA9BWJ	"	25,856	179	15	3		
VE3BS3	1.8	400	51	2	2	Congo Republic	5H3KJ	A 371,085	687	50	123	JAY1XYK	"	36,180	228	20	34	UW9WR	"	15,650	153	9	2		
VE4SD	A 196,845	532	59	106	Indonesia	EP2GI	28 140,192	464	30	74	JAY1ECM	"	27,144	162	21	37	UA9WS	"	1,410	22	7	1			
VE4ATT	"	41,773	135	47	71	Iran	EP2BQ	3.8	6,272	69	6	26	JAY1JAK	"	26,070	151	24	38	UA9KAP	14	108,700	567	27	4	
VE4SK	"	13,163	108	26	56	Japan	EP2BQ	"	6,272	69	6	26	JAY1FTJ	"	26,070	151	24	38	UD6BV	A 149,694	423	36	8	8	
VE6TP	A 359,544	655	67	141	Ceylon	EP2BQ	"	6,272	69	6	26	JAY1FZD	"	21,000	131	22	28	Georgia	UF6FE	A 318,136	597	56	12	8	
VE6AGV	"	119,190	312	56	81	Ceylon	4S7PB	A 38,735	127	48	79	JAY1FZD	"	10,192	68	21	35	UF6ACR	28	147,033	589	30	6		
VE6AJJ	"	31,093	123	38	66	Cyprus	ZC4RB	A 967,483	1175	80	201	JAY1FZD	"	9,612	52	18	25	Azerbaijan	KZ5TW	A 36,480	149	30	6	8	
VE6AKV	"	19,236	99	32	39	Cyprus	ZC4CN	28 68,060	328	28	54	JAY1FZD	"	4,851	53	14	19	Georgia	KZ5TW	A 36,480	149	30	6	8	
3C6KV	"	54,530	223	27	66	India	4X4HF	28 101,235	403	26	59	JAY1FZD	"	4,063	83	8	9	UF6ACR	28	147,033	589	30	6	8	
VE6GNV	"	49,628	235	29	55	Iran	4X4CF	"	72,756	299	28	58	JAY1FZD	"	3,696	41	15	18	Azerbaijan	KZ5TW	A 36,480	149	30	6	8
3C6LN	"	39,690	159	30	60	Japan	4X4TP	21	375,354	1019	33	93	JAY1FZD	"	3,696	41	15	18	Georgia	KZ5TW	A 36,480	149	30	6	8
VE6VK	"	19,191	96	22	51	Japan	4X4AS	3.8	16,380	133	8	34	JAY1FZD	"	3,696	36	16	17	UF6ACR	28	147,033	589	30	6	8
VE6AKO	"	5,950	62	10	24	Japan	4X7CK	7	6			JAY1FZD	"	3,696	295	46	55	Azerbaijan	KZ5TW	A 36,480	149	30	6	8	
VE6VV	"	5,510	50	17	21	Japan	JAY1JAK	A 666,168	928	83	163	JAY1FZD	"	3,696	295	46	55	Georgia	KZ5TW	A 36,480	149	30	6	8	
3C7AHB	A 921,452	1344	95	197	Japan	JAY1JAK	A 633,928	915	87	152	JAY1FZD	"	3,696	295	46	55	UF6ACR	28	147,033	589	30	6	8		
VE7EH	"	263,471	625	62	107	Japan	JAY1MIN	"	530,934	848	79	135	JAY1FZD	"	3,696	295	46	55	Azerbaijan	KZ5TW	A 36,480	149	30	6	8
VE7AHG	"	178,485	409	57	106	Japan	JAY1DZII	"	517,374	766	85	148	JAY1FZD	"	3,696	295	46	55	Georgia	KZ5TW	A 36,480	149	30	6	8
VE7QC	"	4,400	42	15	25	Japan	JAY1C1B	"	332,002	617	57	110	JAY1FZD	"	3,696	295	46	55	UF6ACR	28	147,033	589	30	6	8
VE7BW	14	244,055	778																						



The CE6CA multi-multi operation was quite a project.

UEGUB	21	2,800	29	11	24	G2AJB	"	75,624	274	42	95
UF6AS	14	13,596	110	11	33	G3MWZ	"	33,558	180	32	70
Kazakhstan						G3JFY	"	10,800	79	25	25
UL7JA	A	359,100	702	56	134	G2BOZ	28	280,675	960	35	77
UL7LA	14	93,366	390	27	64	G3KMA	"	107,895	445	29	56
UL7YD	"	11,178	84	18	36	G3ESF	"	63,144	318	29	43
Turkoman						G3LSF	"	31,222,800	993	35	85
UH8BO	14	23,729	154	20	41	G3FKM	21	302,763	918	36	93
Uzbek						G3VZD	"	73,260	274	31	68
UI8AG	14	54,747	265	26	53	G5YC	14	109,038	1069	28	74
Europe						G3OXL	"	42,528	288	28	68
						G3NLY	7	58,982	410	19	58
						G5HZ	"	23,980	220	15	40
						G5AAM	14	824,344	1634	39	144

## Europe

### Aland Islands

A 262,404 769 67 155

### Austria

OEGFWG A 33,800 162 38 62

OEHAY " 17,487 131 24 63

OEIJHA " 3,132 52 14 22

DE4SZW 14 72,880 466 22 58

OEIWF 7 10,416 159 12 44

### Belgium

ON4FJ A 131,722 376 49 85

ON4XG 28 124,955 491 30 59

ON5KY 21 418,999 1237 34 85

ON4IZ 21 366,158 1146 33 81

ON5EB " 38,836 201 25 51

ON8CG 37,012 200 25 51

ON5GA 14 224,213 763 33 88

### Bulgaria

LZ1BZ 14 125,742 640 34 80

LZIKSA 7 4,576 137 5 27

### Croatia

SV0WL 14 186,219 823 33 88

### Czechoslovakia

OKIAHZ A 134,845 426 53 128

OKSEA " 47,128 275 33 104

OK2DB " 26,599 187 26 41

OKSCC 4,187 79 13 40

OK2BEN 28 44,094 500 13 16

OKIMP " 26,775 138 28 47

OK2ABU 21 65,962 415 17 42

OK3CN " 11,952 132 18 30

OK2RZ 2,464 64 9 17

OK2KGI " 1,386 51 7 15

OK3KVE 14 19,200 258 17 43

OK3SBU 7 21,514 257 14 48

OK1IGW 3.8 176,236 327 10 48

OK2QX " 6,025 137 8 33

### Denmark

0Z3SK A 929,160 1069 107 241

0Z6OX " 255,840 570 62 102

0Z5JT " 190,098 421 61 115

0Z1RH " 120,792 355 55 113

0Z6HW " 71,556 398 24 66

0Z7DX " 20,636 142 22 45

0Z4FA 28 260,760 864 34 72

DJ6UO A 1,150,560 1452 89 193

F3KW A 981,063 1823 69 114

F8GV " 240,454 430 68 150

F8CS " 175,490 376 74 131

F9RM " 74,834 220 55 87

F5FV " 58,619 289 29 44

F8KT " 27,360 224 22 35

F8RU " 21,945 89 47 48

F2VX " 7,670 130 22 87

F3II " 6,870 81 15 15

F8TM " 572 19 10 16

F5AN 14 10,716 100 15 32

### Germany

DJ6QT A 2,270,254 1966 119 315

DJ2QZ A 1,529,210 1641 111 257

DJ5BV A 1,408,914 1521 102 249

DJ8FC A 1,172,622 1292 105 222

DJ6UO A 1,150,560 1452 89 193

DJ1ZN " 508,725 734 88 197

DJ9LI " 451,656 838 63 141

DJ2GG " 388,000 750 69 125

DJ6ST " 365,650 655 77 129

DJ1FC " 364,021 797 60 101

DJ7CP " 340,200 733 54 114

DJ3DW " 232,646 475 69 109

DJ2AX " 222,144 469 67 111

DJ6QP " 215,080 430 68 122

DJ1XP " 210,438 432 73 170

DJ2HH " 186,732 388 69 120

DJ7TZ " 177,332 390 64 108

DJ7HZ " 155,784 418 60 86

DJ6WE " 147,393 402 51 108

DJ1AIX " 127,008 342 56 123

DJ1OJ " 123,808 308 70 142

DJ6TK " 121,320 289 57 123

DJ9HC " 95,540 306 51 119

DJ8KG " 90,125 218 66 109

DJ2UU " 88,270 248 56 138

### Iceland

TF3EA A 184,200 385 62 138

### England

G3HDA A 1,567,346 1645 108 265

G3KZQ A 1,031,985 1296 87 198

G3UXF " 507,424 1123 62 95

G3DYY " 372,548 678 83 151

DJNSBS	"	87,450	171	46	113	4U1ITU	A	433,570	872	63	128
DJ4IZA	"	86,774	260	50	101	LXIBW	A	1,020,000	415	49	121
DJ3JB	"	85,320	240	59	121	3A2EE	A	7,080	76	21	39
DJ2JO	"	85,068	241	58	126						
DJ2SL	"	77,488	180	69	98						
DJ1IMD	"	75,075	214	56	87						
DJ8SF	"	69,576	235	46	110						
DJ2AA	"	68,487	234	40	77						
DJ7GQ	"	64,386	193	45	102						
DK1NF	"	56,769	183	53	74						
DJ1AM	"	48,300	164	53	97						
DJ4JHH	"	42,189	143	41	82						
DJ6QS	"	39,624	168	37	96						
DJ8YQ	"	39,088	127	45	67						
DJ9ZB	"	32,770	154	37	76						
DJ3JH	"	32,310	160	28	62						
DK1HV	"	26,607	156	20	29						
DJ7PB	"	23,452	140	27	55						
DJ5HN	"	19,718	100	39	54						
DJ8QL	"	19,350	114	31	59						
DLSLD	"	18,990	165	22	68						
DJ1KN	"	14,580	85	29	31						
DJ8SI	"	11,840	80	20	54						
DJ2XO	"	6,496	54	23	36						
DJ5ZE	"	4,002	35	21	25						
DJ1JP	"	3,672	61	17	34						
DJ1HH	"	3,375	31	20	25						
DLSVP	"	783	17	11	66						
DJ8IF	28	153,244	639	32	59						
DJ1PU	"	71,102	333	30	43						
DLSHW	"	60,864	330	23	41						
DJ1KS	"	60,431	241	33	56						
DJ2QH	"	42,560	199	31	45						
DJ7LJ	"	37,737	207	25	28						
DJ1TD	"	37,117	134	26	43						
DJ1UF	"	20,349	57	23	34						
DJ7TP	"	16,335	163	23	31						
DJ8VS	"	16,148	128	19	25						
DJ0AG	"	7,152	152	13	16						
DJ4HH	"	6,995	70	15	29						
DJ6EN	21	503,034	1462	36	82						
DJ1JP	21	481,684	1292	31	91						
DJ2TQ	"	237,216	851	30	66						
DJ2DR	"	180,233	508	36	83						
DJ8PC	"	70,200	305	28	62						
DJ8AX	"	4,557	60	14	17						
DJ3GI	14	289,358	780	36	106						
DJ1SX	"	171,450	626	33	94						
DJ8RI	"	45,084	260	28	74						
DJ1RJ	"	44,329	223	26	71						
DJ1RK	"	30,456	220	22	50						
DJ2DM	"	255	13	5	10						
DJ5BW	7	46,566	336	19	59						
DJ7AD	"	11,343	132	14	43						
DJ1KF	3.8	6,120	133	8	37						
DJ1QC	"	432	27	2	14						
DJ9KRA	1.8	486	57	2	7						
DJ4EG	A	543,884	1032	63	125						
DJ5LR	"	473,888	776	73	163						
DJ4HJ	28	172,002	644	32	62						
DJ4FS	"	127,688	530	31	57						
DJ1QC	"	30,384	243	19	53						
DJ4AQ	"	3,774	75	16	24						
DJ4FJ	"	1,458	34	9	18						
DJ4RO	7	17,640	217	14	46						
DJ5KS	1.8	56	8	2	5						
DM2ATD	A	262,254	502	75	143						
DM2BEA	"	23,328	181	21	60						
DM4WPL	21	103,163	520	26	45						
DJ5CEU	A	1,021,276	1409	86	176						
SM3BZ	A	815,085	1087	91	216						
DJ6TG	"	497,112	324	73	158						
DJ2BTQ	"	151,859	422	51	130						
DJ2CTY	"	90,308	173	78	136						
SM0BUL	"	62,370	221	46	59						
SM0CER	"	53,392	232	42	100						
SM7JID	"	51,168	234	41	82						
SM2COP	"	43,384	234	30	38						
SM5ZZ	"	33,570	158</td								

SM5RGK	"	31,169	131	25	46	UB5OD	"	20,064	149	23	53	Chile	W3ZRX	575,011	651	106	201	
SM7CCU	"	20,772	120	24	40	UB5SR	"	18,780	170	16	44	CEIFC	I4	133,322	455	33	74	
SM5PBJ	"	9,656	55	24	44	UT5LE	"	3,534	44	12	26	CE8CP	"	16,440	197	28	58	
SM2COR	"	864	21	7	9	UB5ND	"	266	7	7	7	Colombia	K9YHIB	500,280	663	86	178	
SM3CNN	I4	386,816	1145	38	90	UB5KLD	3.8	3,608	69	4	20	HK5BDS	I4	52,050	371	21	54	
SM7DMN	"	83,293	432	24	49	White Russia						HK4EB	"	33,669	98	35	94	
SM5API	"	19,834	212	16	31	UC2DN	28	3,610	49	17	21	Equador	HCITH	A	1,023,378	1852	66	125
SM4DPB	"	5,084	72	12	29	UC2BF	I4	22,387	160	18	43	HC5NW	I4	253,418	726	38	91	
SM7CRW	I4	420,210	1068	39	122	UC2WX	"	1,798	56	7	22	Guyana	8R1G	A	431,656	857	72	116
SM7CSN	"	119,286	481	33	106	Australia						Peru	0A4JR	A	485,326	753	78	149
SM5AD	"	103,040	420	31	84	VK2APK	I4	231,684	634	34	85	0A8Y	28	416,928	1101	36	93	
SM4CKS	"	62,730	275	27	75	VK2AND	"	4,920	32	18	23	0A8BG/8	"	7,548	85	11	13	
SM5FC	"	40,320	261	25	59	VK3KS	"	69	5	4	5	0A4BS	I4	77,220	284	32	67	
SM2CXU	"	23,622	152	28	58	VK3XB	21	53,179	264	26	45	PZICK	A	37,558	152	39	50	
SM5AUP	"	9,180	91	16	31	VK3AB	"	19,362	158	16	20	Trinidad	0A4MF	A	43,382	149	47	62
SM6CXM	"	6,104	70	14	42	VK3SM	"	6,396	33	22	23	0Y4VT	I4	151,008	656	24	54	
SM5BNX	"	1,176	25	10	14	VK4FH	I4	107,749	343	45	62	Uruguay	CX8CO	A	350,108	586	79	139
SM5EAC	I4	23,694	215	15	51	VK4UC	I4	31,475	141	29	57	CX2CN	28	186,095	693	28	63	
SM5API	"	17,600	213	14	50	VK1DO	"	3,581	49	15	17	CX9AY	7	378	19	7	9	
SM5CAK	"	2,866	59	7	13	VK5FO	A	43,382	149	47	62	Venezuela	YVILA	28	450,007	1560	30	73
SM4GZ	3.8	15,950	241	12	43	VK5MF	28	54,320	72	26	44	YV1FV	"	174,492	860	23	51	
Switzerland						VK5EF	"	18,017	144	18	23	YV1SA	21	134,320	504	27	65	
HB5ADD	A	210,424	421	78	154	VK5LC	"	10,422	60	22	31	YV5AXT	14	638,748	1693	34	98	
HB5UD	"	144,476	403	52	84	VK5WC	I4	6,106	55	17	26	YV7AV	"	67,473	310	24	57	
HB5AKJ	"	66,124	251	50	102	K6GRU	A	1,627,095	1673	109	226	YV4UA	"	39,270	204	24	57	
HB5BX	"	30,576	136	37	67	VK6XX	28	278,844	828	34	80	YV1EL	"	13,727	87	17	36	
HB5QQA	"	88	11	3	5	VK8UG	28	10,380	222	25	35	ZC4MO	VS6AJ	Japan	1,032,447	1391	102	197
HB5ZY	I4	372,922	1111	34	87	Cocos-Keeling Is.						U.S.S.R.	JA3YBF	I20,148	422	37	61	
Wales						VK2ADY	9	A	5,045,115	3310	153	384	Bulgaria	JAIYNX	27,849	126	32	48
GW3SFC	I4	19,368	142	23	49	VK2DK	A	108,540	294	58	76	KA9MF	I244,910	1680	86	169	Denmark	
GW3NNF	I4	14,025	241	10	41	VK2FM	I4	3,960	69	11	13	KA2KS	556,101	1058	65	123	England	
Yugoslavia						Guam						U.S.S.R.	UA9KQA	156,612	356	48	106	
YU3LB	A	1,284,075	1680	98	227	KG6ALY	A	801,500	1259	87	142	Europe	JA3YBF	I20,148	422	37	61	
YU7LAF	I4	18,709	195	16	37	KO1LI/KG6	I4	21,188,324	733	30	59	Bulgaria	JAIYNX	27,849	126	32	48	
YU1BCD	I4	59,904	284	26	70	KG6AQG	I4	226,168	593	35	101	Finland	KA9MF	I244,910	1680	86	169	
U.S.S.R.						Hawaii						U.S.S.R.	KA2KS	556,101	1058	65	123	
Estonia						KH6II	A	1,199,600	2029	82	118	U.S.A.	WAIDCE	103,186	282	54	87	
UR2GZ	A	10,494	114	19	48	KH6GGJ	"	135,	41	450	48	WA1HAA	61,845	212	34	71		
UR2IV	"	9,374	80	17	26	KH6BZF	28	122,472	762	22	32	WBZCZ	596,570	609	112	226		
UR2CW	I4	84,600	494	23	52	Marshall Is.						WB2FON	539,100	631	96	264		
UR2AR	I4	16,182,797	1598	37	112	KX6FB	A	70,950	292	34	52	WB2FZJ	472,472	572	94	192		
UR2AO	I4	11,934	170	12	42	KX6FJ	"	10,304	62	31	33	WB2OIV	44,664	572	90	178		
UR2MS	"	1,794	68	5	21	ZLIKG	A	1,241,823	1387	108	203	WB2HZG	101,188	223	59	165		
UR2OP	3.8	6,055	172	7	28	VK2DK	I4	2,537	40	19	24	WB3BGN	1,390,150	1271	114	276		
UR2EK	"	5,286	159	5	27	ZL1HW	28	84,955	448	25	40	WB3MV	522,936	685	81	188		
European						ZL3AB	"	55,263	531	14	21	WB3MWC	445,212	605	73	170		
UW3VT	A	754,294	1186	81	181	ZL1AG0	21	34,884	219	21	36	WB3BZ	438,256	570	85	165		
UA3DR	"	316,938	693	67	135	ZL1AXB	I4	281,840	930	33	71	WB3JYV	212,256	381	66	132		
UA3DB	"	103,138	384	43	96	DUIFH	A	860,456	1311	86	150	WB3OK	75,636	228	41	78		
UA1TT	"	50,280	266	36	68	VK9GS	28	291,194	1035	34	63	K4ZYP	277,632	422	78	163		
UA1CIS	"	25,806	172	22	47	VK9KS	I4	29,727	143	27	54	K5F1Q	68,701	227	36	67		
UV5MM	"	8,326	88	16	30	New Zealand						WA6ZQU	1,451,219	1264	126	275		
UASTN	"	4,644	95	14	29	ZL1TB	"	2,537	40	19	24	WB6IPY	830,725	878	116	213		
UWSNE	"	2,448	36	13	23	ZL1TB	"	2,537	40	19	24	WB6NRK	702,900	703	125	230		
UVTQ	"	1,420	38	8	23	ZL1TB	"	2,537	40	19	24	WB6RRG	213,925	459	73	94		
UA3KUS	"	1,326	31	12	22	ZL1TB	"	2,537	40	19	24	WB6WGX	181,259	341	70	121		
UA1PKB	I4	108,150	500	33	49	ZL1TB	"	2,537	40	19	24	WB6QGQ	17,812	82	27	46		
UA6NF	"	60,007	378	27	50	ZL1TB	"	2,537	40	19	24	K7JLF/7	93,808	237	56	87		
UA1DJ	"	58,381	338	28	57	ZL1TB	"	2,537	40	19	24	K8BDC	828,468	843	111	213		
UA3TU	"	7,280	68	16	24	ZL1TB	"	2,537	40	19	24	K8IUDJ	504,808	687	91	156		
UA4WB	"	6,705	87	16	29	ZL1TB	"	2,537	40	19	24	WA8OSE	272,835	411	79	156		
UA3ANN	"	4,352	102	19	33	ZL1TB	"	2,537	40	19	24	WB9GX	670,397	636	116	255		
UA4PDN	"	2,188	74	6	17	ZL1TB	"	2,537	40	19	24	WB9EXE	649,288	808	88	205		
UV3TP	I4	23,808	206	20	42	ZL1TB	"	2,537	40	19	24	WB9IB	898,998	1200	94	175		
UW3HN	"	14,883	225	13	28	ZL1TB	"	2,537	40	19	24	Argentina						
UA4PW	I4	124,500	440	36	89	ZL1TB	"	2,537	40	19	24	WB9IB	1,000,593	1252	97	200		
UA3BK	"	54,418	342	22	65	ZL1TB	"	2,537	40	19	24	WB9IB	898,998	1200	94	175		
UA6GXG	"	40,530	273	21	39	ZL1TB	"	2,537	40	19	24	Bolivia						
UA1UDI	"	1,116	27	7	11	ZL1TB	"	2,537	40	19	24	WB9IB	1,000,593	1252	97	200		
UA1GO	3.8	544	35	4	13	ZL1TB	"	2,537	40	19	24	WB9IB	898,998	1200	94	175		
UW3DH	"	540	27	5	13	ZL1TB	"	2,537	40	19	24	WB9IB	898,998	1200	94	175		
Latvia						CP5ED	28	25,251	158	25	32	WB9IB	898,998	1200	94	175		
UQ2FK	A	7,056	108	16	33	PY7ACQ	A	1,093,540	1275	95	197	WB9IB	898,998	1200	94	175		
UQ2KBZ	"	1,314	50	8	20	PY2PC	"	384,040	789	90	199	WB9IB	898,998	1200	94	175		
Lithuania						PY1NBF	"	556,444	826	86	152	WB9IB	898,998	1200	94	175		
UP2CV	I4	12,744	185	14	40	PY2ASO	"	125,622	328	46	80	WB9IB	898,998	1200	94	175		
UP2KTU	"	8,058	132	17	34	PY2EAD	"	99,684	232	44	88	WB9IB	898,998	1200	94	175		
UP2OK	I4	13,321,301	635	33	78	PY2EAD	"	65,194	188	53	81	WB9IB	898,998	1200	94	175		
UP2KBA	"	2,821	76	8	23	PY2EG	"	65,050	232	34	52	WB9IB	898,998	1200	94	175		
UP2BPA	3.8	4,719	137	6	27	PY2EG	"	65,132	71	29	49	WB9IB	898,998	1200	94	175		
UP2NBB	"	3,410	106	5	26	PY2APM	"	14,706	145	13	22	WB9IB	898,998	1200	94	175		
UKrainian	"	540	27	5	13	PY2DCA	"	14,301,055	819	37	106	WB9IB	898,998	1200	94	175		
UB5KMX	A	1,146,868	1378	102														

