

Results of the 2016 CQWW VHF Contest

BY STEVE BOLIA,* N8BJQ

What a difference a year makes! A record 906 stations submitted entries for the 2016 CQ World Wide VHF Contest, up considerably from the previous year's 663. U.S. entries were up by over 150 and DX entries up by 90. Conditions were not stellar but 6 meters came to life for some (but not all). Thanks to all who submitted an entry. It wasn't the year for breaking records (other than for entries) as K9AKS discusses in the following paragraph:

As usual, the activity in the 2-meter only category was sparse, with only five logs submitted from North America and 10 from the rest of the world. Perhaps the highlight in this category was HG3X breaking his own previous Hungarian record of 20,592 with a fine score of 28,320. In the all-band category, EA8DBM smashed the African record with a score of 140,904, substantially exceeding his previous record of

97,308 set in 2015. Two good scores in the QRP category were fifth and sixth all-time in Europe: IZ4DPV's 25,530 and HA5KDDQ's 24,621. In the QRP Hilltopper category, K4SME must have picked the right six hours to operate: 15,600 points is the second highest in the history of the contest.

In the context of all-time records, the 6-meter, multi-operator, and rover categories gave us little to write home about. Even though the participation was up over previous years, the conditions did not permit many record scores.

USA

Jeff, KITEO, edged Bob, K2DRH, for the top spot in the Single-op All Band category while George, K5TR, was not far behind, followed by Greg, WQØP (welcome back to the contest) and Andy, N2NT. In only his second CQWW VHF contest, Dan, K1TO, takes the top spot on 6 meters using a borrowed K3 and 100 watts. Bob, N4BP, finished second.

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The 100-foot tower of 9A9R, the top band score from Europe, was destroyed by a tornado shortly after the contest.



Here's ACØRA's antenna farm!

Bob made a few more Qs but Dan had 14 more grids and that made the difference. Chuck, W5PR, was third; Ivars, KC4PX, fourth, and Terry, N4TB, rounded out the top five. Sunday was a great day to be in Florida (or pointed that way). Surely there must be more than five 2-meters only stations in the U.S. N2FKF finished first, followed by K16JJW and WA5LFD. Tom, K3TW, turned in a great score to win the QRP category. Bruce, KG6IYN, was second; followed by David, W4CLJ; and Curt, K9AKS. K4SME's choice of operating hours resulted in a victory in the Hilltopper category. Here's what Sandra had to say. "Had fun working the pile ups. A good opening all morning. Was hoping to work a few more on 2 meters. But, a great day at the beach after all. Oh! And I beat Steve this time! That's the best!" Steve,

N2CEI, did finish second, followed by Jon, NØJK; Dan, W1QK; and Chris, NV4B/5.

The Grid Pirates Contest Group (K8GP with W8ZN, K1RZ, and ND3F operating from the W4RX superstation) are the new Multi-Op champions. K5QE and crew (N5YA, AE5VB, N5CMI, AF8Z, W5LD, N1XS, K7RSM, N5TM, K5MQ) were a close second followed by K2LIM (KA2LIM, W9KXI, NX2W, KB2YCC, N4VC), W3SO (ops: W3IDT, WA3TTS, W3BC, W3BTX, W3YOZ) and W4MW (ops: W2ZV, AA4SC, W4WNT, W3OA, W4MW, W4GRW, N4UFP, K4CEB, KU4V, N4LED, AD4IE).

Four U.S. rovers topped the 10-K mark with Wyatt, ACØRA, and Greg, KCØSKM, taking the top spot with a tad over 32K. Wyatt and Greg operated from seven grids (EN44, EN34, EN33, EN43, EN31, EN32, and EN41). In his comments, Wyatt asked a very good question: "Six meters is a blast when it opens but when it's dead where is the activity on 2 meters?" Pat, K9ILT, did a great job activating 12 grids to take second place, less than 2K behind Wyatt and Gregg. Luther, N2SLN, with John, KC2FSU, fin-

QSO & GRID LEADERS

6-Meter QSOs

EA8DBM.....	616
N4BP.....	567
K1TO.....	533
W5PR.....	528
KC4PX.....	461
WQØP.....	461
K5QE.....	432
ISØBSR.....	429
K5TR.....	400
N4TB.....	382
K2DRH.....	363
K8GP.....	351
E7TT.....	326
TA2AD.....	320
K1TEO.....	313

2-Meter QSOs

HS1AXC.....	247
HG3X.....	240
S56P.....	209
HA6W.....	201
K8GP.....	197
E27GIG.....	192
9AØV.....	190
9A9R.....	187
K2LIM.....	148
K1TEO.....	141
W4MW.....	140
W3SO.....	122
E24SEC.....	121
HG6Z.....	117
IW2NOD.....	111

6-Meter Grids

EA8DBM.....	227
ISØBSR.....	181
E7TT.....	158
K1TO.....	156
N4BP.....	142
W5PR.....	135
N4TB.....	134
TA2AD.....	133
KC4PX.....	132
IT9DSZ.....	132
LZ2HM.....	132
YU1BFG.....	132
LZ1YE.....	122
N4OX.....	122
K5QE.....	122

2-Meter Grids

EO25F.....	64
HG3X.....	59
HA6W.....	58
K5QE.....	55
K8GP.....	53
K9ILT/R.....	52
S56P.....	52
W3SO.....	48
K2LIM.....	46
9AØV.....	46
9A9R.....	42
N2SLN/R.....	41
K1TEO.....	40
N8ZM.....	37
HG6Z.....	36

TOP SCORES

WORLD

All Band	F6FTB/P.....	1,457
EA8DBM.....	PY2LCD.....	200
9A9R.....		
IW2NOD.....		
TA2AD.....		
DL2OM.....		

QRP

Z4DPV.....	25,530
HA5KDQ.....	24,621
UY5ON.....	7,232
UY5UZ.....	5,332
IZ3NVR.....	2,714

6 Meters

ISØBSR.....	77,649
E7TT.....	51,508
LZ9V.....	35,032
LZ2HM.....	30,624
LZ1YE.....	26,962

Rover

VA2NQ/R.....	11,289
E23JMF/R.....	5,050
E27DIX/R.....	1,088
HS8KF/R.....	672
VE7AFZ/R.....	512

2 Meters

HG3X.....	28,320
S56P.....	21,736
EO25F.....	11,008
9A9I.....	6,104
US4IEK.....	2,646

Multi-Op

HA6W.....	95,029
YU1BFG.....	53,400
9AØV.....	17,480
J48KEF.....	13,363
UT7E.....	11,753

Hilltopper

HA1ZH.....	6,125
HA2VR/P.....	4,588
IZ2JNN/IN3.....	1,484

USA

All Band	NØJK.....	1,736
K1TEO.....	W1QK.....	1,633
K2DRH.....	NV4B/5.....	1,200

QRP

K3TW.....	12,996
KG6IYN.....	9,154
W4CLJ.....	8,946
K9AKS.....	8,742
N7IR.....	1,349

6 Meters

K1TO.....	83,148
N4BP.....	80,514
W5PR.....	71,280
KC4PX.....	60,852
N4TB.....	51,188

Rover

ACØRA/R.....	32,125
K9ILT/R.....	30,734
N2SLN/R.....	21,735
K9JK/R.....	10,981
KF2MR/R.....	8,384

2 Meters

N2FKF.....	768
K16JJW.....	384
WA5LFD.....	360
KE7QPV.....	8
KC5MVZ.....	4

Multi-Op

K8GP.....	120,690
K5QE.....	115,050
K2LIM.....	91,605
W3SO.....	76,708
W4MW.....	68,448

Hilltopper

K4SME.....	15,600
N2CEI.....	2,052

GRID LEADERS BY BAND

WORLD

Single Op	Multi Op	
50 MHz	50 MHz	
EA8DBM.....	YU1BFG.....	132
ISØBSR.....	HA6W.....	105
E7TT.....	J48KEF.....	80
TA2AD.....	UT7E.....	54
IT9DSZ.....	VE3SMA.....	44

144 MHz

EO25F.....	86
HG3X.....	59
S56P.....	52
9A9R.....	42
DL2OM.....	34

144 MHz

HA6W.....	58
9AØV.....	46
HG6Z.....	36
YR8D.....	31
VE3SMA.....	21

USA

Single Op	144 MHz	
50 MHz	50 MHz	
K1TO.....	K5QE.....	55
N4BP.....	K8GP.....	53
W5PR.....	W3SO.....	48
N4TB.....	K2LIM.....	46
KC4PX.....	N8ZM.....	37

144 MHz

K1TEO.....	40
K2DRH.....	35
N2NT.....	31
KB8U.....	28
K1OR.....	24

Rover

50 MHz	144 MHz
ACØRA/R.....	95
K9ILT/R.....	75
N2SLN/R.....	64
K9JK/R.....	53
N1WK/R.....	52

Multi Op

50 MHz	144 MHz	
K5QE.....	K9ILT/R.....	52
K8GP.....	N2SLN/R.....	41
K2LIM.....	ACØRA/R.....	30
W3SO.....	N9GH/R.....	29
W4MW.....	K9JK/R.....	26

QSO LEADERS BY BAND

WORLD

Single Op	Multi Op	
50 MHz	50 MHz	
EA8DBM.....	YU1BFG.....	238
ISØBSR.....	HA6W.....	181
E7TT.....	J48KEF.....	153
TA2AD.....	UT7E.....	99
LZ9V.....	HSØAC.....	84

144 MHz

HG3X.....	240
S56P.....	209
9A9R.....	187
IW2NOD.....	111
9A9I.....	109

144 MHz

HA6W.....	201
9AØV.....	190
HG6Z.....	117
HSØAC.....	82
YU1BFG.....	59

USA

Single Op	144 MHz	
50 MHz	50 MHz	
N4BP.....	K8GP.....	197
K1TO.....	K2LIM.....	148
W5PR.....	W4MW.....	140
WQØP.....	W3SO.....	122
KC4PX.....	K5QE.....	109

144 MHz

K1TEO.....	141
K2DRH.....	99
N2NT.....	92
K1OR.....	77
KB8U.....	50

Rover

50 MHz	144 MHz
ACØRA/R.....	171
N1WK/R.....	109
K9ILT/R.....	96
N2SLN/R.....	87
K9JK/R.....	71

Multi Op

50 MHz	144 MHz	
K5QE.....	K9ILT/R.....	73
K8GP.....	N2SLN/R.....	60
K2LIM.....	ACØRA/R.....	43
W4MW.....	W9YOY/R.....	42
W3SO.....	N9GH/R.....	39

ished third; K9JK was fourth; and Jarred, KF2MR, came in fifth. Thanks to the all the rovers for your efforts.

DX

Another record score from EA8DBM put Aleksandr at the top of the all-band category with 140K points. Vlatko, 9A9R, turned in the top score from Europe with 52K. Following the

contest, a twister destroyed his 100-foot-tall tower. IW2NOD was third, followed by TA2AD with the top Asian score in fourth and DL2OM in fifth. Marco, ISØBSR, is the 6-meter champion with E77T second, LZ9V third, LZ4HM fourth, and LZ1YE rounding out the top five. HG3X tops the 2-meter category with a fine 28K effort. S56P is second with EO25F (UXØFF) third, 9A9I in fourth, and US4IEK in fifth. In the



This is the portable 6-meter antenna used by NØJK on his expeditions.



PY2LCD's station at 1130 meters above sea level. The antennas are VictorCharlie0680 for 6 meters (on the left) and a Comet GP9 for 2 meters. The rig was a Yaesu FT-817 powered by a 400-watt wind generator and two batteries.

CLUB COMPETITION

(Minimum of 3 entries required for listing)

UNITED STATES

Club Name	# Entries	Score
FLORIDA CONTEST GROUP	(14)	383,919
POTOMAC VALLEY RADIO CLUB	(38)	329,795
NORTH EAST WEAK SIGNAL GROUP	(10)	139,868
SOCIETY OF MIDWEST CONTESTERS	(20)	120,508
FLORIDA WEAK SIGNAL SOCIETY	(6)	108,944
TEXAS DX SOCIETY	(3)	79,500
CAROLINA DX ASSOCIATION	(7)	77,888
FRANKFORD RADIO CLUB	(8)	71,747
ALABAMA CONTEST GROUP	(5)	46,678
PACIFIC NORTHWEST VHF SOCIETY	(22)	44,901
BADGER CONTESTERS	(3)	43,107
YANKEE CLIPPER CONTEST CLUB	(13)	32,433
GEORGIA CONTEST GROUP	(4)	31,614
NORTHERN LIGHTS RADIO SOCIETY	(5)	23,728
MT AIRY VHF RADIO CLUB	(5)	17,512
ARIZONA OUTLAWS CONTEST CLUB	(21)	14,759
DFW CONTEST GROUP	(4)	11,299
HUDSON VALLEY CONTESTERS AND DXERS	(4)	5,239

NORTHERN CALIFORNIA CONTEST CLUB	(7)	5,193
BERGEN ARA	(3)	2,124
SOUTHERN CALIFORNIA CONTEST CLUB	(6)	1,701
GRAND MESA CONTESTERS OF COLORADO	(3)	1,108

DX

ITALIAN CONTEST CLUB	(3)	103,279
THRACIAN ROSE CLUB	(6)	73,719
UKRAINIAN CONTEST CLUB	(17)	58,311
CONTEST CLUB SERBIA	(4)	57,568
CONTEST CLUB ONTARIO	(10)	28,333
EA CONTEST CLUB	(7)	27,655
BLACK SEA CONTEST CLUB	(3)	18,019
RADIO CLUB KVARNER RIJEKA	(5)	4,956
SIAM DX GROUP	(3)	4,760
CONTEST GROUP DU QUEBEC	(4)	1,641
CDR GROUP	(9)	1,582
SP DX CLUB	(3)	1,246
RIO DX GROUP	(3)	111

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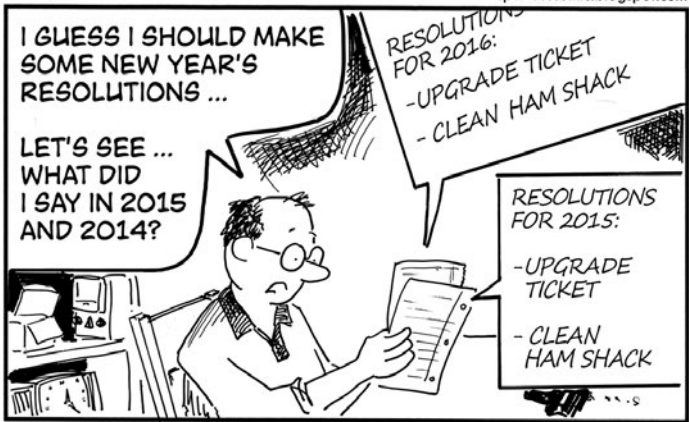
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G0FFU 6 9 3 3 IO92	HA1RJ 6 72 9 8 JN87	MACEDONIA	UW2Q 2 520 20 13 KN77
G0CER Q 156 13 12 IO82	HA2KSD 6 16 4 4 JN97	Z31WW Q 900 36 25 KN01	UR8GZ 2 494 19 13 KN66
EUROPEAN RUSSIA			
R5DC 2 1,520 40 19 K095	HA21ZH H 6,125 87 49 JN86	MOLDOVA	
Op: RL3F	HA2VR/P H 4,588 79 37 JN87	EER2AW 2 50 5 5 KN46	UR75B 2 360 15 12 KN28
RA6C 2 768 24 16 KN94	HA3HX Q 1,218 42 29 JN86	ER2RM 6 9 3 3 KN46	UT4QD 2 272 17 8 KN77
RW6ACM 2 340 17 10 KN84	HA6O Q 12 3 2 JN97	NORWAY	
UA6AH 2 320 16 10 KN94	HA6W M 95,029 382 163 KN08	LA2AB M 18 4 3 J059	US81V 2 176 11 8 KN66
RD3DS 2 240 15 8 K084	H6GZ M 8,424 117 36 JN97	POLAND	
UA2F1/6 2 176 11 8 KN95	IRELAND		
R7KM 6 15,840 176 90 KN64	EI5IX 6 2,232 62 36 IO53	SP7AWG 6 1,656 46 36 J091	UR71HM 6 12,782 154 83 KN69
R6KA 6 4,787 79 53 KN75	ITALY		
RN3DKQ Q 12 6 6 K085	IW2NDD A 50,944 287 128 JN44	SQ2EEQ 6 1,184 37 32 J094	US8ZAL 6 10,206 126 81 KN66
UA6AX Q 30 5 3 KN95	IZ5HOB A 1,700 41 34 JN53	SP3CMX 6 594 27 22 J072	UR7DWW 6 7,875 105 75 (Op: UZ5DX)
FINLAND			
OH1MN A 372 17 12 KP10	IV3SKB 6 17,238 169 102 JN66	SN6A 6 552 24 23 J071	Op: SP6CES
FRANCE			
F4EPP 2 30 5 3 IN97	IW3WGU 6 12,972 141 92 JN88	SP4AAZ 6 289 17 17 K003	UT3UA 6 7,072 104 68 K050
F5DD 6 5,612 92 61 JN23	IZ5IIN 6 6,565 101 65 JN53	SP9HZW 6 195 15 13 K000	UW7LL/A 6 5,768 103 56 KN79
F6CZ/P 6 165 15 11 IN77	IZ5FSA 6 2,880 60 48 JN53	SP9CLO 6 144 12 12 K000	UY5YZ 6 5,332 86 62 KN59
F11WH 6 100 10 10 IN94	I4JEE 6 1,927 47 41 JN54	SP3CVY 6 100 10 10 JN99	UX4UA 6 5,807 87 61 K050
F6FTB/P H 1,457 47 31 JN14	I22GRG 6 648 27 24 JN45	SP7ICE 6 81 9 9 J091	UX1AS 6 4,989 79 62 KN28
F0FEK Q 360 18 10 JN19	I44AFW 6 100 10 10 JN54	SP4W 6 72 9 8 J093	UR5FA 6 4,845 85 57 KN56
F4GFT Q 64 8 8 JN18	I2ZJN/IN3 H 1,484 53 14 JN55	SP2HHX 6 49 7 7 J090	UX1UA 6 4,028 76 53 K050
GERMANY			
DL2OM A 39,345 233 129 J030	I4DPP Q 25,530 230 111 JN64	SP1MVG 6 16 4 4 J074	UT3VF 6 3,650 73 50 KN58
DL1DBR 2 126 9 7 J041	I24NVR Q 2,714 55 46 JN65	SQ1FYB 6 16 4 4 J073	UX5U 6 2,709 63 43 K050
DL9FB 2 56 7 4 J051	IK8QON Q 440 22 20 JN62	SN2C 6 1 1 1 J093	UT4XU 6 2,640 60 44 K040
DK2OY 6 2,580 60 43 J044	IK8YFW Q 49 7 7 JN70	Op: SQ2LYF	USSWE 6 2,310 55 42 KN29
DF7AT 6 25 5 5 J042	KALININGRAD		
DL9NEI 6 16 4 4 JN58	UA2FL Q 8 2 2 K004	PORTUGAL	US8UA 6 2,000 50 40 KN59
DJ2RG Q 567 27 21 J052	LATVIA		
GREECE			
SV1NZX 6 25,740 220 117 KM17	YL2AO 6 572 26 22 K016	CR5A 6 19,992 204 98 IM59	US8SM 6 1,530 45 34 KN28
SV1NLX 6 36 6 6 KM18	YL2MU 6 195 15 13 K016	Op: CT1FFU	UT5UN 6 975 39 25 K050
HUNGARY			
HA8XI A 9,776 109 52 JN96	YL2CP 6 168 14 12 K027	ROMANIA	USTIA 6 588 28 21 KN88
HG3X 2 28,320 240 59 JN96	YL3GAZ 6 64 8 8 K006	Y02BCT A 7,257 85 59 KN05	UT9UZ 6 150 15 10 K050
HA5JX 2 8 2 2 JN97	LITHUANIA		
HA5JA 6 2,700 60 45 JN97	LY2BF 2 162 9 9 K014	Y05DAS A 2,378 47 41 KN17	UR3MP 6 143 13 11 KN98
HA7LW 6 858 33 26 JN97	LY2BFN 2 70 7 5 K024	Y07BPC A 920 29 23 KN24	UX0KR 6 99 11 9 K030
	LY1R 6 2,952 72 41 K014	Y02GL A 456 23 19 KN05	URSWA 6 36 6 6 KN29
	LY7Z 6 540 27 20 K015	Y03JW 2 408 17 12 KN35	UX2IB 6 32 8 4 KN87
	LY5G Q 352 18 16 K005	Y03CBZ 2 288 16 9 KN34	UR7VA 6 30 6 5 KN68

SPURIOUS SIGNALS

By Jason Togyer KB3CNM

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IS0BSR 6 77,649 429 181 JN40	SARDINIA	YU1TQ 6 3,705 65 57 KN04
IT9DSZ 6 26,004 197 132 JM68	SICILY	YU1LG 6 2,080 52 40 KN04
IT9BC 6 18,270 174 105 JM67	IT9CKA 6 2,420 105 44 JN68	YU1RA 6 208 16 13 KN04
IT9CKA 6 2,420 105 44 JN68	SLOVENIA	
S56P 2 21,736 209 52 JN76	S56P 2 21,736 209 52 JN76	YU1BFG M 53,400 297 150 KN04
S59A 6 20,680 188 110 JN76	S59A 6 20,680 188 110 JN76	YU1BBV M 1,880 47 20 KN04
S58P 6 4,959 87 57 JN76	SOUTH AMERICA	
ARGENTINA		
EA3AYQ 6 9,990 135 74 JN11	LU1BJW 2 4 2 1 GF05	BRAZIL
EA1HRR 6 9,316 137 68 IN83	PY2BL A 1,140 44 15 GG67	PY2TRX A 308 27 7 GG66
EB5CS/P 6 5,723 97 59 JM09	PY2EM A 174 16 6 GG56	PY2ZEM A 170 20 5 GG66
EASIDQ 6 4,992 96 52 IM98	PY2UAF A 105 19 3 GG66	PY2EDY A 90 10 5 GG67
ECA4TR 6 4,947 97 51 IN80	PY2BI A 98 12 4 GG66	PY2LSI A 88 12 4 GG66
EA4AA 6 3,864 84 46 IN80	PY1ZV A 2 1 1 GG87	PY20KE 2 160 20 4 GG66
EA1BFZ 6 3,561 67 53 IN81	PY2VCP 2 54 9 3 GG66	PY2RNC 2 42 6 3 GG66
EA7AAF 6 2,478 59 42 IM77	PY2KOB 2 30 5 3 GG56	PY2WOT 2 24 6 2 GG76
EASEX 6 2,014 53 38 IM98	PY4WW 2 18 3 3 GH51	PY1FI 2 4 2 1 GG87
EA1AF 6 25 5 5 IN71	PY1Z 2 4 2 1 GG76	PY2ZA 6 2 2 1 GG76
EAMCU Q 294 21 14 IN80	PY2LCD H 200 21 5 GG66	PY2ZIM Q 156 22 4 GG66
EA1ITC Q 81 9 9 IN70	PY2VOR Q 48 12 2 GG66	PY2BQ Q 32 8 2 GG67
SWEDEN		
SK7K M 56 8 7 J065	PY2XZ M 966 48 12 GG66	PY2XIB M 966 48 12 GG66
UKRAINE		
UY1HY A 25,359 207 107 K060	PY2A M 476 38 7 GG66	ZY2WGT M 102 10 6 GG56
UY7OF A 19,303 176 97 KN77	VENEZUELA	UY6CR A 132 15 6 FK80
UR5UI A 8,509 103 67 KN59	UY6LAO A 75 10 5 FK80	UY7CTA A 70 9 5 FK80
UT5EL/A A 8,307 104 71 K031	UY6VY A 60 9 5 FJ78	UY6AF A 33 7 3 FJ78
UY7ON A 8,820 93 68 KN77	UY6FLA A 21 4 3 FJ78	UY4OW A 10 3 2 FK80
UY6I A 5,883 101 37 KN87	UY6JEL A 6 2 2 FJ78	
UR3GS A 3,738 54 42 KN66	CHECK LOGS	
UTBLE A 2,310 42 35 KN79	These logs were used for cross-checking. Checklogs are always appreciated. 9W2TPL, DL6RO, E21FYK, EA1FA, EA3WD, K7ATN/R, K89FKO, KC5JSV, SP3QDX, UR5ITU, US0LW, WW7DR, YL2QG, Y06GU, Y07LDT, Y66LR.	
UT1XX A 1,887 51 37 K040	Op: UX0FF	
UT4UW/P A 1,824 42 32 KN45	US4IEK 2 2,646 49 27 KN87	UR5LX 2 1,564 34 23 K070
UY50Z A 1,395 41 31 KN77	UT2UB 2 1,400 35 20 K050	UR4UBI 2 1,080 27 20 KN59
UY9VY A 748 22 17 KN68	UT2BT 2 2,624 24 13 KN88	UR5IUF 2 624 25 11 KN77
UX2OL A 625 25 25 KN87	UR8QE 2 550 25 11 KN79	UY8LL 2 540 18 15 KN79
UT2II A 594 27 22 KN88		
UX0Ø A 594 27 22 KN87		
UZ5ZV A 570 22 19 KN56		
E025F 2 11,008 86 64 KN45		