

COMBINED RESULTS

For overall statistics,  
please see the covering email.

Reporters: **vm** Vern Matheson, Trepassey, NF  
**ze** Zdenek Elias, Jablonec nad Nisou, N.Bohemia  
**mz** Matthias Zwoch, Arnsdorf, Nr.Dresden  
**pv** Pat Vignoud, Nr Chambéry, French Alps  
**pk** Pekka Kempainen, Helsinki  
**ag** Alan Gale, Lancashire  
**bk** Brian Keyte, Surrey  
**kr** Kathleen Redding, London  
**lr** Lionel Roithmeir, Guernsey  
**pc** Paul Crankshaw, Troon, Ayrshire  
**eg** Ewald Glantschnig, Geneva  
**dp** Dick Palmer, Green Valley, AZ  
**ml** Mike Silvers, Daly City, CA  
**pa** Phil Atchley, Merced, Central CA  
**sr** Steve Ratzlaff, Palo Alto, CA  
**js** Jim Smith, Nr Kiowa, CO  
**dt** Dave Tomasko, Chicago, IL  
**ar** Andrew Robins, Kalamazoo, MI  
**bh** Bill Hohnstein, Nr Lincoln

For full details, please see the individual reporters' logs,  
as previously posted by them to the List.

If you spot an omission or problem in your own details below  
please let me know ( brian@keyteb.freemove.co.uk )

**BEACONS HEARD:** Beacons are shown in kHz order within each Country and State/Province

The numbers shown within the table are the times in 'hh' UTC that the beacons were logged.  
(e.g. 16 indicates logged between 16:00-16:59 UTC).

ITU	St	kHz	Call	Location	CAN NF vm	CZE ze	D mz	F pv	FIN pk	G ag	G bk	G kr	G/C lr	G/M pc	SUI eg	USA AZ dp	USA CA ml	USA CA pa	USA CA sr	USA CO js	USA IL dt	USA MI ar	USA NE bh
?		28277	FDEENNT	(UNID)?															21				
AFS		14100	ZS6DN	Pretoria	1		16	16	0	0					18	0		15	1	15	22	4	4
AFS		18110	ZS6DN	Pretoria	1	16	15	15	0	17			8			0		16	1		22	22	4
AFS		21150	ZS6DN	Pretoria	16	16	15	16	18	13	17							16		19	20	22	4
AFS		24930	ZS6DN	Pretoria	17	16	15	15	17	13	11	8				15		16		19	22	20	5
AFS		28200	ZS6DN	Pretoria	16	14	16	16	12	11	11	16				16		16	19	15	0	13	13
AFS		28202	ZS1J	Plettenberg Bay	16	15	17	16	5		12	9	17								18	14	15
ANA		28285	VP8ADE	Adelaide Is.	12	15	17	16		19	12	14	17		17	16		18			20	14	16
ARG		14100	LU4AA	Buenos Aires	1			7	5	0	0	8				0	7	1	6		22		4
ARG		18110	LU4AA	Buenos Aires	1	16		15	20	0	13					0		1	1		22	22	4
ARG		21150	LU4AA	Buenos Aires	12				7	1	13	11	8			15		16	1	15	20	4	3
ARG		24930	LU4AA	Buenos Aires	17	16			7		13	11	8			15	23	16	1		22	22	3





NOR		28211	LA4TEN	Sotra Is.	14	9	16	9		19	11		9	17	10	15		17		15	20	12	13
NOR		28237	LA5TEN	Nr Oslo	14			9		19				17				17			20	12	14
NZL		14100	ZL6B	Nr Masterton	17			15	5	18	14		8	9	6	17	7	15	6	14	0	4	4
NZL		18110	ZL6B	Nr Masterton	19	16			15	15	18	13				15		16			13	4	4
NZL		21150	ZL6B	Nr Masterton			8	15	9	18	13		8			19		16	1	15	20	4	3
NZL		24930	ZL6B	Nr Masterton	20	16			15	9		13					18					21	3
NZL		28200	ZL6B	Nr Masterton	19	6			10		19	11		7		23		20	2		20	21	1
NZL		28228	ZL3TEN	Rolliston OR Christchurch		6					19	7					20	2			1		1
PNM		28231	HP1AC	Cerro Azul	19						18	15									18	21	2
PRU		14100	OA4B	Lima	1				5	0	6					0		15	6		22	4	4
PRU		18110	OA4B	Lima					20							0		22		15	22	4	4
PRU		21150	OA4B	Lima	16				7	1	17	11	8			15		16		19	20	4	3
PRU		24930	OA4B	Lima	17	16					13	11	12			14		16		15	22	20	3
PRU		28200	OA4B	Lima	16	14	16			19	13		14			16		16	22	15	22	13	1
ROU		28240	YO2X	Timisoara		17					12	11	10	18									
RUS		14100	RR9O	Novosibirsk	17	16			15	4	0	14	8			15		15		14	13	4	4
RUS		18110	RR9O	Novosibirsk	1	16			15	5	18	13	13	8				16				4	4
RUS		21150	RR9O	Novosibirsk	16	16			15	15	18	13						16	1	15		4	3
RUS		24930	RR9O	Novosibirsk	17	16			15	16	10	13						1	1				3
RUS		28200	RR9O	Novosibirsk		15	17	15	16	12	11	12	8			0		1	2				1
RUS		28302	UA4NM	Kirov	16	16	8	12		17	12		8	18									14
S		28290	SK5TEN	Strengnes	17				9				10								12	13	16
S		28292	SK0CT	Taby	14				9				10									13	16
USA		?	KD5OHW	(UNID)?															21				
USA	AZ	28203	WB5UAA	Ft Huachuca AZ	15					19	15		15	17							20	13	0
USA	AZ	28211	KK7PG	Buckeye AZ	14					17	16		16								20	20	0
USA	AZ	28233	W7JPI	Sonoita AZ						17											20	21	
USA	AZ	28246	KG7RS	Mesa AZ														17					
USA	AZ	28286	N5AQM	Chandler AZ	13																20	21	
USA	CA	14100	W6WX	Nr San Jose CA	1					1						17	0	15	6	14	0	4	4
USA	CA	18110	W6WX	Nr San Jose CA					5	1	6					17	3	16	1	14	21	4	4
USA	CA	21150	W6WX	Nr San Jose CA	16				17	15	18					15	23	16	1	14	20	4	3
USA	CA	24930	W6WX	Nr San Jose CA	17					17	17		14	20			1	16	1	19	22	20	3
USA	CA	28200	W6WX	Nr San Jose CA	16	15	16	15	17	19	16		16			16	0	16	2		20	19	1
USA	CA	28203	K6LLL	Laguna Beach CA	20					17	17										20	13	1
USA	CA	28217	W6GY	Roseda CA																		23	23
USA	CA	28244	WA6APQ	Long Beach CA																	20	13	1
USA	CA	28252	W6PC	Mt Woodson CA	21																1	21	0
USA	CA	28265	N7SCQ	Sacramento CA	17					19			16	18				19	2		20	20	15
USA	FL	28254	W4STT	Hastings FL	21	18	16			19	15	17	15	18		16		17					
USA	FL	28258	WY5I	Jupiter FL			19	12		19	11		14	18		17			23	16	18	13	15
USA	FL	28277	KD4MZM	Sarasota FL	13	17	17	13		13	12		14	20		1			21	16	18		15
USA	GA	28272	W4TIY	Dallas GA			16	15		13			14			0					20	23	14
USA	HI	14100	KH6WO	Honolulu					5							17	3	1	6	19	0	4	4
USA	HI	18110	KH6WO	Honolulu	17																		
USA	HI	21150	KH6WO	Honolulu	16		8		9	18						17		16	1	19		4	3
USA	HI	24930	KH6WO	Honolulu		16			15														
USA	HI	28200	KH6WO	Honolulu	21	7				19						16	0	20	2		20	19	1
USA	IA	28250	K0HTF	Des Moines IA	1											14		20	1				

USA	IL	28215	KA9SZX	Champagne IL	14		19	11	14	19	16		13	20	18	15		17	2				15
USA	IL	28230	N9BPE	Tuscola IL	14	16	16			19	18		15	17		14		17	2				15
USA	IL	28297	NS9RC	Winnetka IL	13	17	18	16	14	19	12	12	14	18	17	14	19	18	1		21	20	16
USA	IN	28220	KB9DJA	Mooreville IN	14					12			15			0		0	2				
USA	KY	28292	KM4GS	Gilbertsville KY						19						14		17	1				
USA	MD	28296	W3VD	Laurel MD	13	16	18	16	14	19	12	12	14	18	17	0		18	22	16			16
USA	ME	28165	KA1EKS	Millinocket ME						18			17	13					17				13
USA	ME	28248	N1ME	Bangor ME		15	17	16	15	19	15		10	18		16	21	20	20	16			15
USA	MI	28292	WD8AQS	Fremont MI	19		17			15	18		17		18	16		17			21		17
USA	MN	28212	K0KP	Fredenberg MN	14			13		19	15		13	20		14	1	20	22				2
USA	MN	28217	WB0FTL	Alden MN						14	15	14	17			23							
USA	MN	28219	KAOPSE	Duluth MN	21					19	17		16			14		22	2				
USA	MN	28255	N0AR	St Paul MN	21					16	17		14	18		14		17	1				
USA	MO	28282	W0ERE	Highlandville MO	1					13	12		17	12			20	0	0				2
USA	MT	28248	N7LT	Bozeman MT	21		16			19	16		17								20	20	2
USA	NC	28290	WB4WOR	Randleman NC	13	15	18	12		19	12	15	14	18	20	17		18	21	16			16
USA	NC	28298	K4JDR	Raleigh NC	13	17	18	13	14	19	18		14	18		16	20	17	22	16	21	22	16
USA	NH	28243	WA1RAJ	Hollis NH						19				20		14		0					
USA	NJ	28208	WN2A	Budd Lake NJ	15	17	17	16		19	11	12	13	17	18	16	22	17	19	15			16
USA	NJ	28246	KG2GL	Nutley NJ	14		19			21	12	13				16	21	20	20	16			15
USA	NY	14100	4U1UN	U. Nations NY	17			15	4	0	14		8	21	6	0	3	15	6	14	22	4	4
USA	NY	18110	4U1UN	U. Nations NY	1	16		15	15	1	13	11	8	9	22	17		16	1	15	21	4	4
USA	NY	21150	4U1UN	U. Nations NY	16			15	15	1	13	11	12	21		15		16	1	14	20	22	3
USA	NY	24930	4U1UN	U. Nations NY	17	16		15	15	17	13	11	12	20		15	23	16	1	14	22	20	3
USA	NY	28200	4U1UN	U. Nations NY	16	15	16	15	17	19	11	10	10		18	16		16	2	15	20	19	13
USA	NY	28219	K2KL	Monsey NY	14	17	17	16		19	16	13	13	17		15	22	17		16			13
USA	NY	28285	N2JNT	Troy NY		15	18			13	14	12	14			16		21	21				16
USA	OH	28264	AB8Z	Parma OH	14	14	17	12	14	12	12		14	18	17	14		17	20	16	20	21	15
USA	OR	28296	KA7BGR	CentralPoint OR	1		18	15		19	17		16	20	17						21	20	16
USA	PA	28204	N3NIA	Nr Ridgway PA	15	17	17	12		19	11	12	13	17	18	15		17	2	15			23
USA	PA	28269	W3HH	Pittsburgh PA	14	15	16	12	14	19	12	11	14	18	18	14		18	21	16	20		15
USA	TX	28225	KD5ITC	Corpus Christi TX														20	22		18	21	
USA	TX	28280	K5AB	Austin TX	13	15	18	16	14	19	16		14	19	17	1	0	18	0		20	21	2
USA	TX	28289	WJ5O	Corpus Christi TX	13	15	18			16	18		16			1			22		18	14	16
USA	UT	28288	WA7LNU	Hurricane UT	13					19	17			19									14
USA	VA	28260	KA1NSV/4	Green Bay VA	14	13	17	13	14	19	11	11	14	18	17	14	21	17	20	16		13	15
USA	WA	28225	KW7Y	Marysville WA	14		17			19	16		16			16				16		20	1
USA	WA	28264	K7NWS	Seattle WA						19						16					20	14	1
USA	WV	28287	WA8YWO	Nr Richwood WV												1							
VEN		14100	YV5B	Caracas	17			7	4	0	0		8	21	6	0		1	6		22	4	4
VEN		18110	YV5B	Caracas	1			7	7	1	13	11	8	21	22	0		1	1		22		4
VEN		21150	YV5B	Caracas	16		8	18	7	1	13	11	8			15		16		14	20	4	3
VEN		24930	YV5B	Caracas	17	16		18	17	1	13	11	12	20		15		16		14	22	20	3
VEN		28200	YV5B	Caracas	16	15	17	15	17	19	11		10	20		16		18	22	15	20	13	1
ZWB		28250	Z21ANB	Bulawayo	17	17	16			16	14		17										15
ITU	St	kHz	Call	Location_	CAN NF vm	CZE ze	D mz	F pv	FIN pk	G ag	G bk	G kr	G/C lr	G/M pc	SUI eg	USA AZ dp	USA CA ml	USA CA pa	USA CA sr	USA CO js	USA IL dt	USA MI ar	USA NE bh

**COUNTRIES and STATES/PROVINCES HEARD:**

Shows the number of NDBs in each State/Country that were logged by each reporter.

ITU	St	CAN NF vm	CZE ze	D mz	F pv	FIN pk	G ag	G bk	G kr	G/C lr	G/M pc	SUI eg	USA AZ dp	USA CA ml	USA CA pa	USA CA sr	USA CO js	USA IL dt	USA MI ar	USA NE bh
?																1				
AFS		6	5	2	6	6	5	6	3	4	1	1	4		5	3	4	6	6	6
ANA		1	1	1	1		1	1		1	1	1	1		1			1	1	1
ARG		9	5	3	4	5	7	8	4	6			7	2	7	6	1	9	6	9
AUS		6	2	1	4	3	3	6	2	5	3	1	3		8	6	1	1	3	9
CAN	AB	1		1			1	1		1	1		1		1			1	1	1
CAN	BC	1		1	1		1	1		1			1				2	1	1	1
CAN	NB		1	2	1	1	2	1		1	2		1		1	1				2
CAN	NU	5	2	1	5	5	5	5	2	4	3	1	5		5	5	4	4	5	5
CAN	ON	5	3	4	3	2	4	4	1	4	4	3	4	1	4	3	3	1	1	3
CHN		2	2		5	4	3	5	1	1			5	1	6	3	2			6
CYP			1	1	1			1			1									1
CZE		2	4	4	2	2	3	3	2			2	1		1			1	1	1
D		7	3	2	3	4	6	5	2	3	3	3	2		3	2	2	5	6	7
E		1			1	1	1	1		1	1	1	1		1			1	1	1
F		2				3	2			1					1			3	3	3
FIN		6	5	2	6	5	6	6	6	5	1	1	5		6	2	3	1	2	6
G		1				1	1	1		1					1	1		1	1	1
HOL		1											1							2
I		3				2	1	1	1						1			1	1	2
IRL		1	1	1		1	1	1		1	1		1				1	1	1	1
ISR		5	5	2	5	5	4	5	4	3	5	1	5		5	1	4	5	4	5
J		4	6	3	3	2	2	9	1	2	2	1	6	2	9	6		2	5	8
KEN		1				1	2													
MDR		5	5	2	5	5	5	5	5	5	5	3	5	2	5	5	4	5	5	5
MEX		1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1
NOR		7	5	2	7		7	6	1	1	1	2	2		2	1	1	4	5	2
NZL		4	4	1	5	4	5	6		3	1	1	4	1	6	4	2	5	5	6
PNM		1					1	1			1							1	1	1
PRU		4	2	1		3	3	4	2	3			5		5	2	4	5	5	5
ROU			1					1	1	1	1									
RUS		5	6	2	6	5	6	6	2	4	1		2		5	3	2	1	3	6
S		2			2					2								1	2	2
USA	?															1				
USA	AZ	3					3	2		2	1				1			4	4	2
USA	CA	7	1	1	2	3	7	4		3	2		4	5	6	6	4	9	10	10
USA	FL	2	2	3	2		3	3	1	3	3		3		1	2	2	2	1	2
USA	GA			1	1		1			1			1					1	1	1
USA	HI	3	2	1		3	2						3	2	3	3	2	2	3	3
USA	IA	1											1		1	1				
USA	IL	3	2	3	2	2	3	3	1	3	3	2	3	1	3	3		1	1	3
USA	IN	1					1			1			1		1	1				
USA	KY						1						1		1	1				
USA	MD	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1			1

USA	ME		1	1	1	1	2	1	1	2	1		1	1	1	2	1			2
USA	MI	1		1			1	1	1	1		1	1		1			1		1
USA	MN	3			1		4	4	1	4	2		4	1	3	3				1
USA	MO	1					1	1		1	1			1	1	1				1
USA	MT	1		1			1	1		1								1	1	1
USA	NC	2	2	2	2	1	2	2	1	2	2	1	2	1	2	2	2	1	1	2
USA	NH						1				1		1		1					
USA	NJ	2	1	2	1		2	2	2	1	1	1	2	2	2	2	2			2
USA	NY	6	5	3	6	5	7	7	6	7	5	3	7	3	7	6	6	5	5	7
USA	OH	1	1	1	1	1	1	1		1	1	1	1		1	1	1	1	1	1
USA	OR	1		1	1		1	1		1	1	1						1	1	1
USA	PA	2	2	2	2	1	2	2	2	2	2	2	2		2	2	2	1		2
USA	TX	2	2	2	1	1	2	2		2	1	1	1	2	2	3		3	3	2
USA	UT	1					1	1			1									1
USA	VA	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1
USA	WA	1		1			2	1		1			2				1	1	2	2
USA	WV												1							
VEN		5	2	2	5	5	5	5	3	5	5	2	5		5	3	3	5	4	5
ZWB		1	1	1			1	1		1										1
ITU	St	CAN NF vm	CZE ze	D mz	F pv	FIN pk	G ag	G bk	G kr	G/C lr	G/M pc	SUI eg	USA AZ dp	USA CA ml	USA CA pa	USA CA sr	USA CO js	USA IL dt	USA MI ar	USA NE bh

**LISTENING TIMES:** Shows the number of NDBs logged by each reporter during the time periods shown.

UTC	CAN NF vm	CZE ze	D mz	F pv	FIN pk	G ag	G bk	G kr	G/C lr	G/M pc	SUI eg	USA AZ dp	USA CA ml	USA CA pa	USA CA sr	USA CO js	USA IL dt	USA MI ar	USA NE bh
00:00 - 00:59	4					13	3					19	5	4	3		6		3
01:00 - 01:59	18					12						3	4	13	34		4		25
02:00 - 02:59												1	1	3	19		1		11
03:00 - 03:59								1					4		1				27
04:00 - 04:59					5													29	25
05:00 - 05:59					13	1		2											2
06:00 - 06:59		4		1			2				6	1			11				5
07:00 - 07:59		4		4	6		6		2			2	2						
08:00 - 08:59			13		3				40		5								
09:00 - 09:59		2		7	6	3		2	4	15		2							
10:00 - 10:59				1		5		6	11	1	4								
11:00 - 11:59				3			25	28	1										
12:00 - 12:59	3			6		10	20	9	6	3							4	5	
13:00 - 13:59	12	2		4		10	40	5	8							1	11	21	10
14:00 - 14:59	22	8			16	1	13	1	20			16				22		7	13
15:00 - 15:59	5	17	6	51	26	1	8	1	6			30		14		21		1	20
16:00 - 16:59	29	43	20	22	9	8	11		9			25		39		15			14
17:00 - 17:59	31	12	18	4	8	10	12	5	5	13	7	16	1	21	1				3
18:00 - 18:59	1	3	10	2	1	25	4			17	13			15			10		1
19:00 - 19:59	9	1	4	2	1	48				2		1	1	2	8	10		8	1
20:00 - 20:59	3				2					15	1		2	12	7		41	17	
21:00 - 21:59	10					1				9			3	3	7		7	14	
22:00 - 22:59	4										3		3	10	9		23	12	
23:00 - 23:59							4				1	6	4	1	1			2	3

UTC	CAN NF vm	CZE ze	D mz	F pv	FIN pk	G ag	G bk	G kr	G/C lr	G/M pc	SUI eg	USA AZ dp	USA CA ml	USA CA pa	USA CA sr	USA CO js	USA IL dt	USA MI ar	USA NE bh
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**NDBs HEARD, BY FREQUENCY:** The number of NDBs logged on each frequency, ignoring offsets, and the number logged by each reporter.

NDBs	kHz	CAN NF vm	CZE ze	D mz	F pv	FIN pk	G ag	G bk	G kr	G/C lr	G/M pc	SUI eg	USA AZ dp	USA CA ml	USA CA pa	USA CA sr	USA CO js	USA IL dt	USA MI ar	USA NE bh
1	1845		1	1	1	1	1	1	1											
1	1997																1			
1	3579		1		1	1	1	1	1											
1	3600		1	1			1					1								
1	5471	1	1		1		1	1												
1	7871	1	1		1		1	1	1				1					1		
1	10134	1	1	1	1	1	1	1	1			1								
1	10144	1	1	1	1	1	1	1	1	1	1	1						1	1	1
1	10408	1	1		1		1	1										1	1	
16	14100	13	4		13	14	13	13	2	8	7	8	16	7	16	13	12	11	10	16
1	14396	1	1	1	1		1	1				1				1			1	
1	18101	1																		1
17	18110	14	11		11	13	13	14	6	10	5	3	13	1	15	7	4	10	10	15
1	20947	1			1		1	1											1	
17	21150	15	5	9	12	16	15	14	9	9	5		13	1	16	10	14	11	12	16
1	21151	1				1		1	1											1
1	24915	1				1	1											1	1	1
1	24920														1					
16	24930	13	14		11	14	8	15	9	11	6		10	3	15	9	9	9	11	15
1	24931	1					1											1	1	1
1	24986			1				1							1				1	1
1	28110					1	1			1								1	1	1
1	28156												1							1
1	28165						1		1	1					1					1
1	28175	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	28180	1																		
1	28188	1	1		1	1	1	1		1	1	1	1	1	1	1		1	1	1
1	28189	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1
1	28190	1	1	1			1	1	1	1	1							1	1	1
1	28191	1		1			1	1		1	1		1		1			1	1	1
2	28192	1											1		1			2	1	1
1	28194							1												
1	28196	1					1	1					1		1	1		1	1	1
1	28197	1		1	1		1	1		1			1				1	1	1	1
1	28199	1	1	1	1		1	1	1	1										1
17	28200	15	14	9	13	10	15	15	11	11	3	2	16	3	16	14	6	11	14	16
1	28202	1	1	1	1	1		1		1	1							1	1	1
2	28203	2					2	2		1	1							2	2	2
1	28204	1	1	1	1		1	1	1	1	1	1	1		1	1	1			1
1	28205	1	1	1	1	1	1	1		1	1	1	1		1	1	1	1	1	1
2	28208	1	2	2	2		2	2	1	2	2	1	2	2	2	2	1	1	1	2
1	28209	1	1	1		1	1	1		1	1		1				1	1	1	1





1	28301	1																			1
1	28302	1	1	1	1		1	1		1	1										1
1	28703	1																		1	1
NDBs	kHz	CAN NF vm	CZE ze	D mz	F pv	FIN pk	G ag	G bk	G kr	G/C lr	G/M pc	SUI eg	USA AZ dp	USA CA ml	USA CA pa	USA CA sr	USA CO js	USA IL dt	USA MI ar	USA NE bh	

### MOBs

The following NDBs were heard by one reporter only - 'Mine Only Beacon's!

kHz	C/S		Location	Rptr	St	ITU	UTC
18110	5Z4B		Kilifi	ag		KEN	00:59
28264	VK6RWA		Nr Perth	bh		AUS	02:37
28194	JE7YNQ		Fukushima	bk		J	07:15
28235	JE7YNQ		Fukushima	bk		J	07:40
28287	WA8YWO		Nr Richwood WV	dp	WV	USA	01:22
28192	LU0ARC		Argentina	dt		ARG	02:35
1997	VE7SL		Mayne Is. BC	js	BC	CAN	13:01
24920	IY4M		Bologna	pa		I	17:19
28246	KG7RS		Mesa AZ	pa	AZ	USA	17:54
21150	5Z4B		Kilifi	pk		KEN	14:03
28277	FDEENNT		(UNID)?	sr		?	21:18
28210	JE4TEN		Japan	sr		J	19:44
28295	KD5OHW		(UNID)?	sr	?	USA	21:54
28180	I1M		Bordighera	vm		I	17:50
18110	KH6WO		Honolulu	vm	HI	USA	17:03

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bk 20/03/2002