

NDB LIST CLE No. 124 'COUNTRIES' CLE 27 - 30 Nov 2009 midday - midday local time

**COMBINED RESULTS
REST OF THE WORLD**

For overall statistics, please see the covering email.

Reporters:

CAN	BC	to	Tom Mitchell, Comox, Vancouver Island
HWA		mx	Mike Tuggle, Kaneohe, Hawaii
USA	AZ	dp	Dick Palmer, Green Valley
USA	CA	bc	Bob Coomler, Cloverdale
USA	CA	dn	Don Tomkinson, Upland
USA	CA	ir	Iden Rogers, Nr Grass Valley, 50 mi NNE of Sacramento
USA	CA	mh	Mark Harms, San Jose
USA	CO	fm	Fred Mooney, Colorado Springs
USA	IL	dt	Dave Tomasko, Galena
USA	MI	jb	Joe Miller, Troy
USA	NC	dw	Don Ward, Raleigh, NC
USA	NH	jc	John Collins, Charlestown
USA	OR	jw	Jack Woods, Waldport, Oregon coast
USA	OR	sr	Steve Ratzlaff, Elgin, NE Oregon
USA	TX	al	Al Burzynski, San Antonio
USA	TX	du	Douglas Springfield, New Chapel Hill, NE Texas
USA	UT	mu	Mark Moulding, Ogden, Northern UT
USA	WA	de	Dan Petersen, La Center, near Longview in SW of WA

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
please let me know (cle'at'beaconworld.org.uk
- replace the 'at' by an '@' symbol)

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. 13 indicates logged between 13:00-13:59 UTC)

Cou	St	kHz	Call	Location	CAN BC to	HWA mx	USA AZ dp	USA CA bc	USA CA dn	USA CA ir	USA CA mh	USA CO fm	USA IL dt	USA MI jb	USA NC dw	USA NH jc	USA OR jw	USA OR sr	USA TX al	USA TX du	USA UT mu	USA WA de
AUS	NN	380	GV	Gove														13				
AUS	NW	311	CFS	Coffs Harbour														13				
AUS	NW	329	NAR	Narrandera														13				
AUS	NW	335	YAS	Yass														13				
AUS	NW	389	GFN	Grafton														13				
AUS	NW	395	PMQ	Port Macquarie														13				
CAN	NL	233	UM	Churchill Falls											5	22						
CAN	NL	247	YDP	Nain												3						
CAN	NL	250	YMH	Marys Harbour											5	2						
CAN	NL	257	YR	Goose Bay											5	2						
CAN	NL	270	ZNF	St John's											5	2						
CAN	NL	280	QX	Gander								2	0		5	3		2		0		
CAN	NL	281	CA	Cartwright									0		6	3				0		
CAN	NL	323	UWP	Argentia								2	0		6	3						
CAN	NL	339	YFT	Makkovik											3	3						
CAN	NL	340	ZJT	Stephenville											3	3						
CAN	NL	350	DF	Deer Lake			8		5			2	0		10	3		2	6	0		
CAN	NL	356	AY	St Anthony								2	0		10	3		2		1		
CAN	NL	358	NL	St John's / Signal Hill									0		6	3						
CAN	NL	367	6F	Port Hope Simpson												3						
CAN	NL	378	HO	Hopedale											7	3						
CAN	NL	390	JT	Stephenville					6			2	0	2	7	3		1		1		
CAN	NL	396	JC	Rigolet									0		0	3				1		
CAN	NS	206	QI	Yarmouth			9		6			0	0		17	21				2		
CAN	NS	220	Y9	Digby											8							
CAN	NS	229	PD	Port Hawkesbury											5	22						
CAN	NS	230	AC	Pleasant Lake											5	21						
CAN	NS	263	QY	Sydney					9				1		9	2		4				
CAN	NS	266	YZX	Greenwood									22		5	2						
CAN	NS	330	A9	Liverpool											6	3						
CAN	NS	338	5Y	Trenton											10	21						
CAN	NS	341	GF	Aylesford Greenwood												3						
CAN	NS	364	ZHZ	Halifax									0		6	3						

CAN NS	385	ZNS	Halifax								3												
CAN NT	222	WY	Wrigley	6		12								1									
CAN NT	254	EV	Inuvik		9																		
CAN NT	274	FR	Fort Resolution	3		12	7			9	13	11		8				1		9			5
CAN NT	321	YSY	Sachs Harbour	6														5					
CAN NT	356	ZF	Yellowknife	4	9	12			11	9		11		10		6		1		9	10		7
CAN NT	361	HI	Holman Is	14														3					
CAN NT	375	FS	Fort Simpson	4	7	8	6	11		6		11		9		7		1		9	12		5
CAN NT	380	YUB	Tuktoyaktuk	12														5					
CAN NT	392	ZFN	Tulita Ft.Norman	7				9										12					
CAN NU	204	YFY	Iqaluit Frobisher Bay								10	11		4	21					2			
CAN NU	208	YSK	Sanikiluaq			7	5	11			3	11		8	21			1		2			
CAN NU	224	BK	Baker Lake								11			7				12					
CAN NU	237	YJI	Qikiqtarjuaq															12					
CAN NU	241	YGT	Iglolik								6	11		8	2	5		12					
CAN NU	245	CB	Cambridge Bay	3	9	7		11		6	11	11		8	2	2		5		8	10		7
CAN NU	256	YCY	Clyde River								7				2								
CAN NU	256	YXN	Whale Cove								12	11		5				12					
CAN NU	263	YBB	Kugaaruk Pelly Bay	7														12					
CAN NU	277	YLC	Kimmirut									11		5	2								
CAN NU	284	RT	Rankin Inlet			7						0		2	3			12		3	0		
CAN NU	290	YYH	Taloyoak									22		11	3								
CAN NU	329	YEK	Arviat	3		8	5	12		2	6	3	0	6	3			5		5			5
CAN NU	335	YUT	Repulse Bay															12					
CAN NU	341	YCS	Chesterfield Inlet									11		6				12					
CAN NU	350	RB	Resolute Bay								3	22		23	3								
CAN NU	362	YZS	Coral Harbour											6	3								
CAN NU	372	YCO	Kugluktuk	4							6		11		3			5					5
CAN NU	378	UX	Hall Beach									11		3				5		4			
NFK -	260	NF	Puppy's Point Norfolk Is.				13									14		13			11		
NRU -	355	NI	Nauru Island	14	14													13					
USA LA	201	MNE	Minden			12					0	12		11				2		1	16		
USA LA	212	HMQ	Homer			12					10	11		0				1		1	18		
USA LA	212	HP	Hammond											7						18			
USA LA	219	HU	Houma											8						18			
USA LA	230	BNZ	Abbeville			7					11	11		1				7		2	18		

USA	LA	245	PTN	Patterson			8					2		8			6	2	18		
USA	LA	247	VED	Leesville			8				11	2		8			7	5	18		
USA	LA	256	DEF	Slidell								11		8					18		
USA	LA	256	JBL	Jonesboro			9				12	11		8			1		18		
USA	LA	263	ECY	Eunice			8							5					16		
USA	LA	269	AR	New Iberia			7							9			6		16		
USA	LA	278	UX	Sulphur								2		5			6	4	18		
USA	LA	284	BT	Baton Rouge								11		9				3	18		
USA	LA	284	VIV	Vivian			8				8	3		9				3	18		
USA	LA	329	BQP	Bastrop							8	12		9			6		18		
USA	LA	335	OPL	Opelousas			8							6				1	18		
USA	LA	338	MRK	Rayville								12		9				7	18		
USA	LA	338	MS	New Orleans								11		6					18		
USA	LA	344	TV	Vicksburg Tallulah										23			6	6	16		
USA	LA	347	MKV	Marksville			8					12		10				6	16		
USA	LA	350	TUF	Ruston										10				6	0		
USA	LA	353	LC	Lake Charles										10					18		
USA	LA	356	FWX	New Roads								1		10				5	18		
USA	LA	359	GUV	Fort Polk										7				5	18		
USA	LA	368	ROQ	Ruston			8							10			2	5	18		
USA	LA	371	FNA	Slidell										10				4			
USA	LA	375	LF	Lafayette															18		
USA	LA	375	SPH	Springhill			8					11		11			2	4	18		
USA	LA	379	LRR	Oakdale			8					11		0			1	4	18		
USA	LA	385	DXB	De Ridder			8					11		4				2	18		
USA	LA	392	ML	Monroe								11		11			1		18		
USA	LA	397	BWK	Bunkie			8					12		11			2	1	18		
USA	LA	407	OOC	Natchitoches								12		11				1	18		
USA	LA	414	MSD	Mansfield			9				4	1		11			1	23	18		
USA	LA	418	CW	Lake Charles				6			4	12		11			1	23	18		
USA	NC	198	DIW	Dixon	2		1		7	5	8	0	1	23	17	21	7	0	1	2	1
USA	NC	204	TWL	Monroe								1			17				9		
USA	NC	205	GM	Wilmington								1			17				0		
USA	NC	209	UKF	North Wilksboro.											17						
USA	NC	216	CLB	Wilmington Carolina Beach	2		0	5	7	5		0	1	2	17	21	7	0	1	18	1
USA	NC	220	HUR	Person											17	2			0		

USA	NC	223	AZW	Mount Airy					0	1	17	22				9	
USA	NC	227	CPC	Whiteville						0	17	23				0	
USA	NC	230	AQE	Greenville						0	17	22					
USA	NC	239	DOH	Fort Bragg						0	17						
USA	NC	242	CL	Charlotte							17						
USA	NC	251	EUU	Smithfield							17						
USA	NC	254	GS	Greensboro						1	17						
USA	NC	254	LLW	Elizabeth City						1	17	1				0	
USA	NC	257	ETC	Tarboro							17						
USA	NC	257	ME	Maxton							17						
USA	NC	260	GHJ	Gastonia							17						
USA	NC	261	OA	Jacksonville							17						
USA	NC	265	EDE	Edenton							18						
USA	NC	266	CQJ	Asheboro						1	18						
USA	NC	269	MRH	Beaufort Morehead						11	18						
USA	NC	271	HXO	Oxford Huntsboro							18						
USA	NC	275	RU	Salisbury							18					0	
USA	NC	276	IS	Kinston							18						
USA	NC	278	HFF	Camp Mackall						2	18						
USA	NC	281	IL	Wilmington							18						
USA	NC	317	IN	Winston Salem							18						
USA	NC	326	ZEF	Elkin						0	18	3					
USA	NC	332	DKA	Kenansville							18	23					
USA	NC	332	HK.	Hickory							18						
USA	NC	336	MCZ	Williamston						1	18	2					
USA	NC	338	POB	Fayetteville Pope						1	18	2					
USA	NC	346	VU	Albemarle						3	18	3					
USA	NC	350	LE	Raleigh						1	18	23		0			
USA	NC	357	IM	Keans Asheville							10						
USA	NC	359	RSY	Lumberton							19						
USA	NC	361	HB	Burlington						0	19	3					
USA	NC	362	EW	New Bern							19						
USA	NC	367	GR	Fayetteville							19						
USA	NC	370	MQI	Manteo						0	19	3				0	
USA	NC	371	TOX	Siler City							19						
USA	NC	375	RCZ	Rockingham							19						

USA NC	379	ACZ	Wallace							0		19							
USA NC	379	BRA	Asheville		9					1	2	19	3		0				
USA NC	384	JB	Lumberton									19	3						
USA NC	388	RNW	Chocowinity								2	19	3						
USA NC	391	FIQ	Morganton							0		19	3						
USA NC	393	FGP	Fort Bragg							2		19	3						
USA NC	406	TT	Sanford							2		19	3						
USA NC	410	JU	West Jefferson									19	3						
USA NC	412	CTZ	Clinton									19	23						
USA NC	417	HQT	Coats							2		19	4						
USA NC	417	SLP	Shelby							2		19	4		6				
USA NC	423	SIF	Reidsville							1		20	4						
USA NM	206	LR	Las Cruces		0		7			10							9		
USA NM	251	SV	Silver City		0		5			12	12				6		12		
USA NM	278	CEP	Ruidoso Capitan		0	5	7	2		8	10	5			2		18		7
USA NM	284	MXR	Raton		0					8	10	10			6		12		
USA NM	305	RO	Roswell		0					16	12				6	2	12		
USA NM	332	CAO	Clayton		1		8		4	17	1	9			3		18		
USA NM	335	CV	Clovis								1								
USA NM	341	SG	Santa Fe				8			3									
USA NM	351	AE	Albuquerque		1	12	7			5	10				2	6	11		
USA NM	402	CV	Carlsbad		1					4	10				6	1	12		
USA NM	414	ATS	Artesia	7	1	6	8	3		4	10				2		12	11	
USA NV	351	NO	Reno	3	12	1	2	1	9					5	0		5	2	4
USA WA	206	PWT	Bremerton	2	7	7	7	5						7	20			1	
USA WA	216	GR	Fort Lewis Tacoma												20				
USA WA	219	OMK	Omak	1	9	1	9	5							20		8	1	5
USA WA	236	HQ	Hoquiam	3		6		2	8					5	20			2	4
USA WA	240	BVS	Burlington Skagit	3		5		5	4						20			11	4
USA WA	256	LSO	Kelso	6		5		2						23	20			2	4
USA WA	260	RL	Richland			5									20			11	
USA WA	274	CAN	Bremerton Carney	3		1									20				4
USA WA	284	FHR	Friday Harbor	6											20				
USA WA	328	LAC	Fort Lewis Lacomas	6		6		4							20			11	
USA WA	348	MNC	Shelton Mason Co	3	8	1	9	1	9						20		8	2	4
USA WA	353	AL	Walla Walla	13		7		0							20			11	

USA	WA	353	RNT	Renton	3			12		1	4						20			2	4	
USA	WA	362	BF	Seattle	4			7			3					6	20			2	4	
USA	WA	371	YK	Yakima	4			7		2	3						20			11	4	
USA	WA	382	AW	Arlington	4					1							20				4	
USA	WA	388	GE	Spokane				7									20			11	4	
USA	WA	396	PA	Everett Ritts	4			7		3	3						0			11	4	
USA	WA	408	MW	Moses Lake	4		8	6	1	3	3		11		4		22	20	7	2	4	
USA	WA	515	CL	Port Angeles	5			7		2			11				0			2	4	
XON	NS	269	3C	Sable Island (Venture Platform)										1	3							
Cou	St	kHz	Call	Location	CAN BC to	HWA mx	USA AZ dp	USA CA bc	USA CA dn	USA CA ir	USA CA mh	USA CO fm	USA IL dt	USA MI jb	USA NC dw	USA NH jc	USA OR jw	USA OR sr	USA TX al	USA TX du	USA UT mu	USA WA de

COUNTRIES and STATES / PROVINCES HEARD:

Shows the number of NDBs in each radio country that were logged by each reporter.

Cou	Country	St	CAN BC to	HWA mx	USA AZ dp	USA CA bc	USA CA dn	USA CA ir	USA CA mh	USA CO fm	USA IL dt	USA MI jb	USA NC dw	USA NH jc	USA OR jw	USA OR sr	USA TX al	USA TX du	USA UT mu	USA WA de
AUS	Australia	NN														1				
AUS	Australia	NW														5				
CAN	Canada	NL			1		2			5	8	1	15	17		4	1	6		
CAN	Canada	NS			1		2			1	4		9	10		1		1		
CAN	Canada	NT	8	3	4	2	3		3	1	3		3		2	8		3	2	3
CAN	Canada	NU	4	1	4	2	3	1	3	9	13		14	12	2	13	2	5	1	3
NFK	Norfolk Is.	-				1									1	1			1	
NRU	Nauru	-	1	1												1				
USA	USA	LA			17	1				9	23		34			17	24	34		
USA	USA	NC	2		3	1	2	2	1	3	28	4	54	26	2	5	2	10	2	
USA	USA	NM	1		9	3	7	2	1	10	9		3			8	3	9	1	1
USA	USA	NV	1		1	1	1	1	1						1	1		1	1	1
USA	USA	WA	17		4	17	4	14	8		2		1		5	20		3	16	14
XON	Offshore	NS											1	1						

LISTENING TIMES:

Shows the number of NDBs logged by each reporter during the time periods shown.

UTC (hh)	CAN BC to	HWA mx	USA AZ dp	USA CA bc	USA CA dn	USA CA ir	USA CA mh	USA CO fm	USA IL dt	USA MI jb	USA NC dw	USA NH jc	USA OR jw	USA OR sr	USA TX al	USA TX du	USA UT mu	USA WA de
00:00 - 00:59			6			1		5	20		3			7		11		
01:00 - 01:59	1		5	4	1	4			18		2	1		12	8	3	4	
02:00 - 02:59	3				1	6		5	8	4	1	12	1	10	4	4	8	
03:00 - 03:59	9					3	4	4	2		3	35		2	3			
04:00 - 04:59	8					1	3	4			3	3		1	5			14
05:00 - 05:59	1			7	2	5		1			13		3	6	4	2		5
06:00 - 06:59	5			6	2		4	1			10		2	10	5			
07:00 - 07:59	3	1	6	8	6			1			5		4	2	1	1		3
08:00 - 08:59			16				2	4			10					3		
09:00 - 09:59		3	5		4		4				8					6		
10:00 - 10:59								3	5		12						2	
11:00 - 11:59					4			4	25		8					1	9	
12:00 - 12:59	1		6	2	1			3	9					9		5	1	
13:00 - 13:59	1			1				1						8				
14:00 - 14:59	2	1											1					
15:00 - 15:59																		
16:00 - 16:59								1								5		
17:00 - 17:59								1			19							
18:00 - 18:59											16					31		
19:00 - 19:59											18							
20:00 - 20:59											1			18				
21:00 - 21:59												7						
22:00 - 22:59									3			4	1					
23:00 - 23:59										1	2	4	1		2			
UTC (hh)	CAN BC to	HWA mx	USA AZ dp	USA CA bc	USA CA dn	USA CA ir	USA CA mh	USA CO fm	USA IL dt	USA MI jb	USA NC dw	USA NH jc	USA OR jw	USA OR sr	USA TX al	USA TX du	USA UT mu	USA WA de

MOBs

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

kHz	C/S	Location	St	ITU	Rptr	UTC
335	CV	Clovis	NM	USA	dt	01:59
375	LF	Lafayette	LA	USA	du	18:05
357	IM	Keans Asheville	NC	USA	dw	10:43
209	UKF	North Wilksboro.	NC	USA	dw	17:12
242	CL	Charlotte	NC	USA	dw	17:36
257	ETC	Tarboro	NC	USA	dw	17:48
257	ME	Maxton	NC	USA	dw	17:48
260	GHJ	Gastonia	NC	USA	dw	17:48
261	OA	Jacksonville	NC	USA	dw	17:48
251	EUU	Smithfield	NC	USA	dw	17:48
265	EDE	Edenton	NC	USA	dw	18:00
271	HXO	Oxford Huntsboro	NC	USA	dw	18:00
276	IS	Kinston	NC	USA	dw	18:12
281	IL	Wilmington	NC	USA	dw	18:12
317	IN	Winston Salem	NC	USA	dw	18:24
332	HK.	Hickory ++ IL	NC	USA	dw	18:36
359	RSY	Lumberton	NC	USA	dw	19:00
362	EW	New Bern	NC	USA	dw	19:00
367	GR	Fayetteville	NC	USA	dw	19:00
371	TOX	Siler City	NC	USA	dw	19:12
375	RCZ	Rockingham	NC	USA	dw	19:12
220	Y9	Digby	NS	CAN	dw	08:31
247	YDP	Nain	NL	CAN	jc	03:35
367	6F	Port Hope Simpson	NL	CAN	jc	03:49
341	GF	Aylesford Greenwood	NS	CAN	jc	03:18
385	ZNS	Halifax	NS	CAN	jc	03:41
254	EV	Inuvik	NT	CAN	mx	09:26
380	GV	Gove	NN	AUS	sr	13:22
335	YUT	Repulse Bay	NU	CAN	sr	12:52
237	YJI	Qikiqtarjuaq	NU	CAN	sr	12:53
311	CFS	Coffs Harbour	NW	AUS	sr	13:06
395	PMQ	Port Macquarie	NW	AUS	sr	13:11
389	GFN	Grafton	NW	AUS	sr	13:12
335	YAS	Yass	NW	AUS	sr	13:14
329	NAR	Narrandera	NW	AUS	sr	13:22

216 GR	Fort Lewis Tacoma	WA USA	sr	20:34
kHz	C/S	Location	St	ITU Rptr UTC

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN: CLE70 'Countries' CLE 14 - 17 Oct 2005
NOW: CLE124 'Countries' CLE 27 - 30 Nov 2009

(Some DX target radio countries were added this time)

Listener	Av km THEN	Av km NOW	Total km x 1000 THEN	Total km x 1000 NOW	NDBs THEN	NDBs NOW	Max km THEN	Max km NOW
CAN BC to		1440		49		34		6867
HWA mx		5075		25		5		6363
USA CA bc		1817		51		28		10397
USA CA dn		2591		62		24		5128
USA CA ir		1348		27		20		3881
USA CA mh		1981		34		17		3985
USA MI jb		1169		6		5		2002
USA NC dw		1320		177		134		4427
USA NH jc		1425		94		66		3693
USA TX du		1390		100		72		4145
USA UT mu		1809		43		24		11340
USA WA de		875		19		22		2768
Averages:		1853		57		38		5416

Listener	Av km THEN	Av km NOW	Total km x 1000 THEN	Total km x 1000 NOW	NDBs THEN	NDBs NOW	Max km THEN	Max km NOW
USA AZ dp	1550	2049	45	90	29	44	3693	4802
USA CO fm	1619	2107	37	80	23	38	4017	4157

USA IL dt	1972	1743	32	157	16	90	3188	3606
USA OR jw	693	2448	11	32	16	13	1937	10686
USA OR sr	728	2998	23	255	31	85	3613	13077
USA TX al	1615	1048	6	34	4	32	2048	4502
Averages:	1363	2066	26	108	20	50	3083	6805
% Increase:		52		321		154		121*

Av. km = Average distance from listener to NDB for all their loggings
Total km = Sum of distances from listener to NDBs for all their loggings
NDBs = Number of NDBs logged
Max km = Maximum distance from listener to an NDB they logged
(UNIDs are not included)

Explanation:

We ENJOY Listening Events, but their real value is to encourage us to improve our knowledge of our hobby, our listening techniques, our receivers and aerials, etc. Many of our CLEs re-use the same narrow range of frequencies after a year or so. This can provide each of us with an excellent way of measuring our personal progress by comparing our results THEN with our corresponding results NOW.

**The table shows statistics for all the listeners who took part in both the events.
The bottom lines compare the general conditions found during the two events.**

*(The % increase figures are misleading because some extra DX target countries were added this time)

Each listener's own results also depend, of course, on many other things, such as changes in receivers or aerials, time available for listening, use of recording equipment and maybe a move of QTH, as well as progress made through listening practice.

Comparing the results between individual listeners is not very meaningful - we each have so many unavoidable things that affect our ability to hear NDBs; where we and they happen to be, whether we are in a city or in wide open spaces or by the sea, our spending limit, how long we are able to devote to listening, etc.

'TAB's Trans-Atlantic Beacons

The numbers shown within the table are the times in 'hh' UTC that the beacons were logged.

kHz	C/S	Location	ITU	ENG ag	ENG bk	ENG me	ENG px	ENG py	FIN jt	HOL rb
214	YIO	Pond Inlet, NU	CAN						06	01
245	CB	Cambridge Bay, NU	CAN						05	
256	YCY	Clyde River, NU	CAN						07	
263	QY	Sydney, NS	CAN	04		00	22			03
280	QX	Gander, NL	CAN	04	01	23	22	23		04
281	CA	Cartwright, NL	CAN	04	01	00	00	23		02
305	LT	Alert, NU	CAN		21				05	02
323	UWP	Argentia, NL	CAN	04		23		23		02
339	YFT	Makkovik, NL	CAN	04						02
350	DF	Deer Lake, NL	CAN	01	22	23	23	23	05	04
350	RB	Resolute Bay, NU	CAN						05	04
356	AY	St. Anthony, NL	CAN	04	22	23	22	23		02
372	YCO	Kugluktuk (Coppermine), NU	CAN							06
378	HO	Hopedale, NL	CAN	04	22	00	23	23		02
390	JT	Stephenville, NL	CAN	02	23	00		23		05
396	JC	Rigolet, NL	CAN	02	22	00	23	23		04
kHz	C/S	Location	ITU	ENG ag	ENG bk	ENG me	ENG px	ENG py	FIN jt	HOL rb

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