NDB LIST CLE No. 248 275 - 425 kHz 'CHANNELS CHALLENGE' 27.09.2019 - 30.09.2019

COMBINED RESULTS
EUROPE

For overall statistics, please see the covering email.

Reporters:

AUT	lk	Ludek Kosek, via Kiwi-SDR at 'Wels', AUT	(rAUTwe / JN68xd)
CZE	jk	Jan Kraus, via Kiwi-SDR at 'Slatina, West Bohemia', CZE	(rCZEsl / JN69gw)
CZE	my	Milos Holy, Lhota pod Radcem	
CZE	ze	Zdenek Elias, via Kiwi-SDR at 'Slatina, West Bohemia', CZE	(rCZEsl / JN69gw)
DEU	bd	Bernhard Hein, Dessau-Roßlau	
DEU	hw	Hartmut Wolff, Near Wolfsburg	
DEU	je	Joachim Rabe, Norderstedt, north of Hamburg	
ENG	ag	Alan Gale, Whitworth, Lancashire	
ENG	ap	Andy Price, Aston, Sheffield	
ENG	bk	Brian Keyte, Bookham, Surrey	
ENG	hh	Brian Heath, Stapleton, Leicestershire	
ENG	im	Ian McCabe, Blackpool, Lancashire	
ENG	me	Mike Thayne, Whitley Bay	
ENG	px	Peter Greatorex, Bolsover, Derbyshire	
ENG	re	Ray Evans, Bolsover, Derbyshire	
ENG	yk	Dave Robson, York	
FIN	jr	Jari Sillanpaa, ?	
FIN	ks	Kari Syrjänen, Aitomaki, near Kouvola	
FIN	ro	Raimo Karjalainen, Laukaa, near Jyvaskyla	
HOL	rb	Roelof Bakker, Middelburg, Zealand	
ITA	ed	Edoardo Nicoletti, Bari	
ITA	wb	William G Buchanan, Alessandria	
NOR	gl	Geir Laastad, Svelvik	
RUS	iv	Ivan Monogarov, Pskov	
SCT	ds	David Atkins, Tighnabruaich, Argyll	
SCT	lw	Jay Law, North Ballachulish	

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
(ndbcle'at'gmail.com - replace the 'at' by an @ symbol)

Beacons Heard by Channel

QRG	AUT lk	CZE jk	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG ap	ENG bk	ENG hh	ENG im	ENG me	ENG px	ENG re	ENG yk	FIN jr	FIN ks	FIN ro	HOL rb	ITA ed	ITA wb	NOR gl	RUS iv	SCT ds	SCT lw	QRG
275.0						MRC CAE			MRC CAE	MRC CAE				MRC CAE	MRC CAE		NOR PG							MRC CAE	MRC CAE	MRC CAE	275.0
276.0			CAN YHR			CAN YHR	CAN YHR		CAN YHR	CAN YHR	CAN YHR	CAN YHR	CAN YHR	CAN YHR	CAN YHR	CAN YHR	IRN JIR			CAN YHR				IRN JIR	CAN YHR	CAN YHR	276.0
277.0				ENG CHT		ENG CHT	ENG CHT	ENG CHT	ENG CHT	ENG CHT		ENG CHT	ENG CHT	ENG CHT	ENG CHT	ENG CHT				ENG CHT				ENG CHT	ENG CHT	ENG CHT	277.0
280.0						CAN QX	CAN QX		CAN QX	CAN QX	CAN QX	CAN QX	CAN QX	CAN QX	CAN QX	CAN QX	IRN ARK			CAN QX			POL ND	IRN ARK	CAN QX	CAN QX	280.0
281.0						CAN CA	CAN CA		CAN CA	CAN CA	CAN CA	CAN CA	CAN CA		CAN CA					CAN CA						CAN CA	281.0
282.0						MRC NSR			MRC NSR	MRC NSR					MRC NSR									MRC NSR	MRC NSR	MRC NSR	282.0
283.0						ALG BIS											NOR KBV							NOR KBV			283.0
284.0	BUL GNA	BUL GNA	BUL GNA	BUL GNA	BUL GNA	BUL GNA	BUL GNA	BUL GNA	BUL GNA	BUL GNA	BUL GNA	BUL GNA	BUL GNA	BUL GNA	DEU FSB	BUL GNA	BUL GNA	BUL GNA		BUL GNA	BUL GNA	BUL GNA	BUL GNA	BUL GNA	BUL GNA	BUL GNA	284.0

284.5																			NOR LVK								**284.5**
285.0			SWE LCF	SWE LCF	SWE LCF	TUR AN	SWE LCF	SWE LCF	SWE LCF	SWE LCF	SWE LCF	SWE LCF	SWE LCF	SWE LCF	SWE LCF	SWE LCF	UKR N	SWE LCF	SWE LCF	SWE LCF			SWE LCF	SWE LCF		BRA DOU	**285.0**
286.0		DEU HFX	DEU HFX	DEU HFX	DEU HFX	RUS W	DEU HFX		RUS W		DEU HFX		DEU HFX				RUS W		RUS R	DEU HFX	DEU HFX			DEU HFX		DEU HFX	**286.0**
286.5										FRA TA				FRA TA	FRA TA	FRA TA											**286.5**
287.0						RUS AZ											RUS AZ							RUS AZ			**287.0**
288.0						NOR AD																		RUS K			**288.0**
288.5										FRA AVD										FRA AVD							**288.5**
289.0			RUS WR	HRV RI	HRV RI	HRV RI	HRV RI						HRV RI		HRV RI	HRV RI	HRV RI		RUS WR	HRV RI	HRV RI	HRV RI		RUS WR		HRV RI	**289.0**
290.0		UKR IF	BEL ONL	BEL ONL	AUT GRZ	RSE XZ	AUT GRZ	BEL ONL	UKR IF	BEL ONL	AUT GRZ	BEL ONL	BEL ONL	AUT GRZ	BEL ONL	BEL ONL	AUT GRZ	POL NO	AUT GRZ	AUT GRZ	UKR IF	AUT GRZ	AUT GRZ	AUT GRZ		AUT GRZ	**290.0**
291.0		FRA WS	FRA WS	FRA WS		FRA WS	FRA WS																	FRA WS	FRA WS		**291.0**
292.0		DEU NKR	DEU NKR	ITA NOV	DEU NKR	TUR CAY	DEU NKR		DEU NKR								TUR CAY			DEU NKR	ITA NOV	ITA NOV		DEU NKR			**292.0**
293.0	AUT STE	BEL OB	AUT STE	BEL OB	AUT STE	NGR ARL	BEL OB	BEL OB	BEL OB	BEL OB	BEL OB	BEL OB	BEL OB	BEL OB	BEL OB	BEL OB	AUT STE			NGR ARL	NGR ARL			AUT STE	BEL OB	BEL OB	**293.0**
294.0			SRB VRA	SRB VRA		SRB VRA										SRB VRA	RUS GT				SRB VRA			RUS YU			**294.0**
295.0		HNG DC	MKD PT	MKD PT	HNG DC	MKD PT	HNG DC		HNG DC		HNG DC		HNG DC		HNG DC	MKD PT	HNG DC			HNG DC	HNG DC			MKD PT		HNG DC	**295.0**
296.0		SVN MG	SVN MG	SVN MG	SVN MG	SVN MG	SVN MG		SVN MG	SVN MG	SVN MG		SVN MG		SVN MG	SVN MG	SVN MG			SVN MG				SVN MG	SVN MG	SVN MG	**296.0**
297.0		RUS BA	BUL BD	RUS BA	DEU FR	BUL BD	MKD PEP		DEU FR		RUS BA		DEU FR	DEU FR	DEU FR	DEU FR	MKD PEP		RUS BA	MKD PEP	DEU FR	MKD PEP		RUS BA		RUS BA	**297.0**
299.0			DEU SL	FRA BO	DEU SL																	FRA BO					**299.0**
299.5						NOR KN	NOR KN		NOR KN	NOR KN	NOR KN		NOR KN	NOR KN	NOR KN	NOR KN	NOR KN			NOR KN				NOR KN		NOR KN	**299.5**
300.0		SWE SC	SWE SC	SWE SC	CZE KD	SRB PV	SRB PV	SWE SC	SWE SC	SWE SC	SRB PV	SWE SC	SWE SC	SWE SC	SWE SC	SRB PV	SRB PV	SRB PV	CZE KD	SRB PV		SRB PV	SWE SC	SWE SC		SRB PV	**300.0**
300.5																					DEU LW						**300.5**
301.5			ITA TRE	ITA TRE		ITA TRE	ITA TRE													ITA TRE				ITA TRE			**301.5**
302.0		FRA ROM	FRA ROM		FRA ROM	MNE NIK	MNE NIK		FRA ROM	FRA ROM	MNE NIK		MNE NIK		FRA ROM	FRA ROM	MNE NIK			MNE NIK	FRA ROM	MNE NIK		MNE NIK		VCT CAI	**302.0**
303.0	AUT RTT		AUT RTT	AUT RTT	AUT RTT	NOR KPG	NOR KPG	NOR KPG	NOR KPG	NOR KPG	AUT RTT	NOR KPG	NOR KPG	NOR KPG	NOR KPG	NOR KPG	AUT RTT			NOR KPG	AUT RTT	AUT RTT	NOR KPG	NOR KPG		NOR KPG	**303.0**
304.0						ALG MOK																		RUS DP		CAN ZQM	**304.0**
305.0						CAN YQ									CAN LT		CAN YQ			CAN LT				CAN YQ			**305.0**
306.5											FRA AV																**306.5**
307.0		LUX DIK	RUS LA	LUX DIK	LUX DIK	GRC THR	LUX DIK	LUX DIK	LUX DIK	LUX DIK	LUX DIK	LUX DIK	LUX DIK	LUX DIK	LUX DIK	LUX DIK	GRC THR	LUX DIK		LUX DIK	LUX DIK	LUX DIK	LUX DIK	RUS VA	LUX DIK	LUX DIK	**307.0**
308.0			MNE MOJ	MNE MOJ	MNE MOJ	MNE MOJ	MNE MOJ		MNE MOJ	MNE MOJ	BLR G		BLR G		MNE MOJ	MNE MOJ	MNE MOJ	BLR V	BLR V	MNE MOJ	BLR G	MNE MOJ		BLR G		MNE MOJ	**308.0**
309.0		SWE LG	SWE LG		FRA DO	IRN ISR	DEU MW	SWE LG	SWE LG	FRA DO	SWE LG	SWE LG	FRA DO		FRA DO	FRA DO	IRN ISR	SWE LG	SWE LG	SWE LG	DEU MW	FRA DO	SWE LG	SWE LG	FRA DO	CLM GPI	**309.0**
309.5				UKR TR																							**309.5**
310.0			UKR NO			IRN GGN	UKR NO										IRN GGN							UKR NO		ESP AMN	**310.0**
311.0		DEU NSN	DEU LMA	DEU LMA	DEU CEL	DEU NSN	DEU CEL	DEU LMA	DEU LMA	DEU LMA	DEU CEL		DEU LMA	DEU LMA	DEU LMA	DEU LMA	DEU CEL			DEU CEL	DEU LMA			DEU LMA	DEU LMA	DEU NSN	**311.0**
312.0			SWE KBG	SWE KBG	BUL BOZ	BUL BOZ	BUL BOZ		SWE DJ	BUL BOZ	BUL BOZ	SWE DJ	SWE DJ	BUL BOZ	SWE DJ	SWE DJ	BUL BOZ		SWE DJ	ITA TAQ	BUL BOZ	MNE DAN		SWE KBG		BUL BOZ	**312.0**

313.0			AUT KI	AUT KI	AUT KI	AUT KI	AUT KI				AUT KI						AUT KI			AUT KI	AUT KI			AUT KI		AUT KI	**313.0**
314.0					BEL OZ	BEL OZ	BEL OZ	BEL OZ	BEL OZ	BEL OZ	BEL OZ	BEL OZ	BEL OZ	BEL OZ	BEL OZ	BEL OZ				BEL OZ				BEL OZ	BEL OZ	BEL OZ	**314.0**
315.0		FRA HOL	RUS CK	FRA HOL	FRA HOL	RSE TM			FRA HOL	FRA HOL	FRA HOL		FRA HOL	FRA HOL	FRA HOL	FRA HOL	RUS G			RSE TM	FRA HOL	FRA HOL		RSE TM	FRA HOL		**315.0**
315.5							SHE SS	SHE SS																		SHE SS	**315.5**
316.0			SAR CAL	SAR CAL	HRV TNJ	TUR GZP	SCT BRR	ENG EPM	HRV TNJ	ENG EPM	HRV TNJ	IRL OE	IRL OE	IRL OE	IRL OE	SCT BRR	BRI BJO			HRV TNJ	TUR GZP	SAR CAL	SCT BRR	BRI BJO	IRL OE	HRV TNJ	**316.0**
317.0		EST OZ	EST OZ	EST OZ	EST OZ	LBY KFR	EST OZ	EST OZ	EST OZ	FRA VS	EST OZ	EST OZ	FRA VS	FRA VS	EST OZ	FRA VS	SVK PPD	EST OZ	EST OZ	EST OZ	EST OZ		EST OZ	EST OZ	EST OZ	EST OZ	**317.0**
318.0		SWE LP	HRV KLP	SWE LP	DEU HIG	ROU OTR	DEU HIG	ENG BPL	ENG BPL	DEU HIG	HRV KLP	ENG BPL	ENG BPL	ENG BPL	ENG BPL	DEU HIG	HRV KLP	SWE LP	SWE LP	HRV KLP	SWE LP	FRA BE	SWE LP	SWE LP	SWE LP	HRV KLP	**318.0**
319.0		NOR VAR	NOR VAR	NOR VAR	NOR VAR	TUR MUS	NOR VAR	NOR VAR	ESP ECV	NOR VAR	NOR VAR	NOR VAR	NOR VAR	NOR VAR	NOR VAR	NOR VAR	NOR VAR	NOR VAR	NOR VAR	ESP ECV	NOR VAR		NOR VAR	NOR VAR	NOR VAR	ESP ECV	**319.0**
320.0	AUT RUM	FRA VE	SRB PZ	FRA VE	DEU HA	RUS DM	DEU HA	DEU HA	FRA TY	FRA TY	HRV VL	DEU HA	FRA TY	FRA VE	FRA LSU	FRA TY	RUS DM		SWE OL	SWE OL	DEU HA	FRA VE	SWE OL	RUS DM	FRA VE	SRB PZ	**320.0**
321.0		DNK VO	FRA ABY	BUL BU	DEU GL	IRN ZAJ	DNK VO	DNK VO	FRA ABY	FRA ABY	BUL BU	DNK VO	DNK VO	FRA ABY	DEU GL	FRA ABY	IRN ZAJ	DNK VO		BUL BU	DNK VO	FRA TL	DEU GL	IRN ZAJ	FRA ABY	BUL BU	**321.0**
322.0		SWE OU	SWE OU	FRA TLN	FRA RL	TKM RP	SWE OU	FRA RL	FRA RL	ENG LCY	SWE OU	SWE OD	FRA RL	ENG LCY	FRA ORS	ENG LCY	TKM RP	SWE OU	SWE OD	SWE OD	FRA RL	FRA TLN	SWE OD	SWE OD	FRA RL	SWE OD	**322.0**
323.0		FRA AB	FRA AB	FRA AB	DEU GT	TRD TAB	DEU GT	WLS WPL	ENG SBL	BEL ONC	WLS WPL	WLS WPL	WLS WPL	WLS WPL	ENG SBL	DEU GT	DEU GT			FRA AB	DEU GT	FRA AB	BEL ONC	DEU GT	FRA AB	TRD TAB	**323.0**
324.0		SWE ON	SWE ON	ITA PTC	SWE ON	RUS RF	SWE ON	FIN AS	FIN AS	NOR HE	SWE ON	SWE ON	SWE ON	SWE ON	SWE ON	SWE ON	FIN AS	SWE ON	FIN AS	FIN AS	ITA PTC		NOR HE	FIN AS	SWE ON	FIN AS	**324.0**
325.0		SWE PG	SWE PG	SWE PG	HRV VG	TUR CRM	SWE PG	SWE PG	SWE PG	SWE PG	ITA RCA	SWE PG	SWE PG	SWE PG	SWE PG	SWE PG	TUR CRM	SWE PG	SWE NUT	ITA RCA	HRV VG		SWE PG	SWE NUT	SWE PG	HRV VG	**325.0**
326.0		FRA LM	HNG C	RUS PU	RUS PU	CAN FC	RUS PU	FRA LM	FRA LM	FRA LM	SWE KG	CAN FC	FRA LM	FRA LM	FRA LM	FRA LM	SVB ADV		SWE KG	HNG C	FRA LM	FRA LM	SWE KG	SWE KG	FRA LM	CAN FC	**326.0**
327.0	AUT LNZ	FRA MVC	ITA OST	FRA MVC	AUT LNZ	FRA MVC	FRA MVC	FRA MVC	FRA MVC	ENG TNL	AUT LNZ	FRA MVC	FRA MVC	FRA MVC	ENG TNL	FRA MVC	FRA MVC	AUT LNZ	AUT LNZ	AUT LNZ	FRA MVC	ITA OST	AUT LNZ	FRA MVC	FRA MVC	AUT LNZ	**327.0**
328.0			DNK VJ	ESP HIG	DNK VJ	CYP PHA	DNK VJ	ENG CL	ENG CL	ENG CL	DNK VJ	ENG CL	DNK VJ		ESP HIG	DNK VJ	CYP PHA	DNK VJ	FIN KIT					FIN KIT	ENG CL	ESP HIG	**328.0**
328.5														NIR EGT						NIR EGT			NIR EGT				**328.5**
329.0		SWE VX	SWE VX	SWE VX	SWE VX	CAN YEK	SWE VX	SWE VX	JSY JW	JSY JW	SWE VX	SWE VX	SWE VX	JSY JW	JSY JW	JSY JW	SWE VX	SWE VX	SWE VX	CAN YEK	SWE VX		SWE VX	SWE WU	SWE VX	MRT FOF	**329.0**
330.0	SVK OB	ITA SRN	SRB ML	ESP G	HRV ZRA	LBY OA	DEU ABU	FRA MB	SWE SKS	HOL SO	SVK OB	HOL SO	HOL SO	DNK SB	HOL SO	DNK SB	HRV ZRA	SVK OB	SWE LNA	DNK SB	DNK SB	FRA MB	SWE LNA	SWE LNA	SWE SKS	SVK OB	**330.0**
331.0		FRA TUR	ITA GRT	FRA TUR	SCT GLW	AZR SC	ITA GRT	FRA TUR	ENG GST	FRA TUR	ITA GRT	SCT GLW	SCT GLW	SCT GLW	SCT GLW	ENG GST	ITA GRT			AZR SC	FRA TUR	FRA TUR	SCT GLW	SCT GLW	SCT GLW	AZR SC	**331.0**
332.0		FRA TLF	HOL NV	FRA TLF	FRA LL	RUS LS	HOL NV	FRA LL	FRA LL	FRA LL	FRA LL	FRA LL	FRA LL	HOL NV	FRA LL	FRA LL	RUS LS	RUS LS	RUS LS	CAN YFM	HOL NV	FRA TLF		RUS LS	FRA TLF	FRA TLF	**332.0**
333.0		SWE LE	FIN G	SWE LE	DEU PI	FIN G	DEU PI		FIN G	SWE LE	FIN G	SWE LE	DEU PI	SWE LE	XOE GFC	SWE LE	SWE LE	SWE LE	FIN G	FIN G	FIN G		SWE LE	FIN G			**333.0**
333.5	ITA VOG							ITA VOG														ITA VOG			ITA VOG	ITA VOG	**333.5**
334.0	SVN MR	UKR VI	UKR VI	UKR VI	SVN MR	IRL KER	DNK FAU	IRL GMN	FRA POY	FRA POY	UKR VI	IRL GMN	IRL GMN	IRL KER	IRL GMN	IRL GMN	DNK FAU	UKR VI		UKR VI	DNK FAU	SVN MR		RUS A	IRL GMN	UKR VI	**334.0**
335.0	SUI BER	ESP TON	SUI BER	ESP TON	RUS FV	ISL VA	RUS FV	ENG WCO	ENG WCO	ENG WCO	RUS FV	ENG WCO	ENG WCO	ESP TON	ENG WCO	ENG WCO	UKR DP	SWE NAK	RUS FV	SUI BER	SUI BER	ESP TON		RUS FV	ENG WCO	RUS FV	**335.0**
336.0			SWE LT	NOR RS	SWE LT	TUR HTY	SWE LT	SWE LT	NOR RS	NOR RS	SWE LT	NOR RS	SWE LT	SWE LT		NOR RS	TUR HTY	SWE LT	FIN M	NOR RS			SWE LT	FIN M		SWE LT	**336.0**
337.0			FRO MY	FRO MY	DEU LHR	IRN IFN	SRB VRN	ENG WTN	FRO MY	ENG EX	SRB VRN	ENG WTN	ENG WTN	ENG EX	FRO MY	ENG WTN	IRN IFN			FRO MY	DEU LHR	SRB VRN	FRO MY	FRO MY	FRO MY	RUS UP	**337.0**
338.0	DEU MNW	FRA NC	SWE OA	FRA NC	FRA NC	MDR PST	DEU MNW	ENG FNY	ENG FNY	ENG FNY	MDR PST	MDR PST	ENG FNY	DEU MNW	ENG FNY	ENG FNY	ROU TIM	ROU TIM	SWE OA	MDR PST	SWE OA	FRA NC	SWE OA	RUS A	ENG FNY	MDR PST	**338.0**
339.0			FRA FG	FRA FG	DEU HOS	FIN V	DEU HOS	ENG BIA	ENG BIA	FRA GI	DEU HOS	ENG BIA	ENG BIA	IRL OL	ENG BIA	DEU HOS	FIN V	DNK SD	FIN V	IRL OL	FIN V	FRA FG	FIN V	FIN V	ENG BIA	FIN V	**339.0**
340.0	BIH BLK	ESP PND	XOE HEI	BIH BLK	BIH BLK	CAN YY	BIH BLK	WLS HAW	WLS HAW	WLS HAW	BIH BLK	WLS HAW	WLS HAW	BIH BLK	WLS HAW	ENG LSH	BIH BLK		XOE HEI	CAN YY	DEU ZIG	BIH BLK	XOE HEI	XOE HEI	WLS HAW	BRA OIA	**340.0**
341.0			COR IS	SWE NKS	SWE NKS	COR IS	SCT EDN	SWE NKS	SWE NKS	FRA AMB	SWE NKS	SWE NKS	SCT EDN	SCT EDN	SCT EDN	SCT EDN	SWE NKS	SWE NKS	SWE NKS	COR IS	DEU ALG	COR IS	SWE NKS	SWE NKS	SCT EDN	SWE NKS	**341.0**
342.0			ALG OA	NOR LL	NOR LL	GEO VP	ITA PES		NOR LL		ITA PES	NOR LL		NOR LL	FRA VA		GEO VP	RUS PK	NOR LL	NOR LL	NOR LL		NOR LL	RUS PK	NOR LL	RUS PK	**342.0**

342.5								ENG NWI		ENG NWI			ENG NWI			ENG NWI											**342.5**
343.0			LTU KUS	ITA GRA	HNG TEST	CYP DKA	ITA GRA	LTU KUS	ENG YVL	ENG YVL	ITA GRA	LTU KUS	LTU KUS	LTU KUS	LTU KUS	ENG YVL	CYP DKA	HNG TEST	LTU KUS	LTU KUS	LTU KUS	FRA AR	LTU KUS	LTU KUS		LTU KUS	**343.0**
344.0		BAL MN	BAL MN	BAL MN	DEU HN	CAN YGV	DEU HN	SCT WCK	SCT WCK	SCT WCK	DEU HN	SCT WCK	SCT WCK	DEU HN	SCT WCK	DEU HN	FIN L		DEU HN	HRV VAR	DEU HN	BAL MN	SCT WCK	FIN L	DEU HN	CAN YGV	**344.0**
345.0	ITA TZO	DEU IGL	DEU IGL	NOR BN	DEU IGL	MRC CSD		NOR BN	NOR STM	FRA LN	MRC CSD	MRC CSD	POL NB	NOR BN	FRA LN	FRA LN	GRC THS	POL NB	POL NB	ISL HL	POL NB	FRA CS		RUS PW	MRC CSD	ISL HL	**345.0**
345.5							CZE CF																CZE CF				**345.5**
346.0			FIN MI	FRA CH	LUX WLU	TUR DAL	LUX WLU	FRA LHO	FRA LHO	FRA LHO	DNK AU	DNK AU	FRA LHO	LUX WLU	FRA LHO	FRA LHO	TUR DAL	FIN MI	FIN MI	FIN MI	LUX WLU	FRA CH	FIN MI	FIN MI	FRA LHO	LUX WLU	**346.0**
347.0			FRA CVT	FRA CVT	FRA CVT	TUR SAB	ENG NQY	FRA CVT	FRA CVT		FRA CVT			ENG NQY	FRA CVT	ENG NQY	TUR SAB			ENG NQY	FRA CVT	FRA CVT	FRA CVT	ENG NQY	FRA CVT	FRA CVT	**347.0**
347.5										ENG TD		ENG TD	ENG TD														**347.5**
348.0	SRB TPL		SRB TPL	SWE WA	SRB TPL	ISL HA	SRB TPL	FRA CL	FRO VG	ENG FOS	SRB TPL	SCT ATF	SCT ATF	SCT ATF	SCT ATF	SCT ATF	UKR OD	SWE WA	SWE WA	ISL HA	FRA CL	FRA CL	SWE WA	UKR OD	FRA CL	UKR OD	**348.0**
349.0			NOR TAR	ROU OPE	SWE JX	TUR IPT			NOR TAR		ROU OPE	SWE JX			NOR TAR		SWE JX	ROU OPE	NOR TAR	ROU OPE	SWE JX		NOR TAR	ROU OPE	SWE JX	ROU OPE	**349.0**
349.5	COR SZA						COR SZA	ENG LPL		ENG LPL			ENG LPL	ENG LPL		ENG LPL						COR SZA					**349.5**
350.0			RUS UK	BUL DWN	DEU FU	TUR ORI	BUL DWN	DEU FU	DEU FU		HRV SK	DEU FU	DEU FU	DEU FU	DEU FU	DEU FU	CAN RB	BUL DWN	RUS UK	CAN RB		ITA BLA	RUS UK	RUS A	DEU FU	BUL DWN	**350.0**
350.5										HOL ROT											HOL ROT						**350.5**
351.0	SWE OV		SWE OV	BAL CST	SWE OV	GRC ALP		SWE OV	FRA BSC	FRA DSA	ROU ISI	SWE OV	FRA DSA	FRA DSA	FRA DSA	FRA DSA	ROU ISI	ROU ISI	SWE OV	AZR PD	SWE OV	FRA BSC	FRA DSA	BAL CST	SWE OV	ROU ISI	**351.0**
351.5							HRV PLA																				**351.5**
352.0			FIN PSJ	FIN PSJ	FIN PSJ	TUR BRY	ENG NT	ENG NT	ENG WOD	DEU LAA		ENG NT	ENG NT	ENG WOD	ENG WOD	DEU LAA	TUR BRY	ENG NT	FIN PSJ	FIN PSJ	FIN PSJ		FIN PSJ	FIN PSJ	ENG NT	FIN PSJ	**352.0**
352.5											BEL DD																**352.5**
353.0			DEU KIL	ALG BNA	DEU KIL	GEO BT	DEU KIL		FRA SB		FRA SB	DEU KIL	DEU KIL	FRA SB	DEU KIL	DEU KIL	ALG BNA	DEU KIL	XOE OBA	ALG BNA	DEU KIL	ALG BNA	DEU KIL	ALG BNA	DEU KIL	FRA BN	**353.0**
353.5								ENG EME		ENG EME																	**353.5**
354.0			FRA NG	FRA NG	DEU PAD	TUR ERZ	FRA MTZ	FRA MTZ	FRA MTZ	FRA MTZ	DEU PAD	FRA MTZ	XOE BHM	FRA MTZ	FRA MTZ	FRA MTZ	TUR ERZ		FIN G	FRA NG	DEU PAD	FRA NG	FRA MTZ	FIN G	FRA MTZ	FRA MTZ	**354.0**
355.0			BEL ONW	IRN ARB	SRB OBR	IRN ARB	SRB OBR	SCT PIK	SCT PIK	BEL ONW	IRN ARB	BEL ONW	SCT PIK	BEL ONW	BEL ONW	BEL ONW	IRN ARB	SRB OBR	IRN ARB	IRN ARB	BEL ONW	BIH MA	SCT PIK	IRN ARB	SCT PIK	IRN ARB	**355.0**
356.0			ENG WBA	ESP SGO	FRA CVU	CAN AY	CAN AY	ENG WBA	ENG WBA	ENG WBA	ENG WBA	CAN AY	CAN AY	CAN AY	ENG WBA	ENG WBA	TUR ANK			CAN AY				ENG WBA	CAN AY	CAN AY	**356.0**
357.0		DEU SKZ	LBY RJ	SAR SME	DEU SKZ	LBY RJ		FRA LP	FRA LP	FRA LP		DNK KD	FRA LP	DNK KD	FRA LP	HOL VZ	LBY RJ	DEU SKZ		SAR SME	DNK KD	SAR SME	DEU SKZ	DNK KD	FRA LP		**357.0**
357.5							ITA FAL				BIH KG															ITA FAL	**357.5**
358.0	DEU MSE	AUT TUN	FRA RNN	FRA RNN	AUT TUN	CAN NL	NOR GRK	FRA LT	NOR GRK	FRA LT	NOR GRK	NOR GRK	AUT TUN	AUT TUN	FRA LT	FRA LT	NOR ALA	AUT TUN	AUT TUN	CAN NL	RUS O	FRA RNN	AUT TUN	RUS O	XOE LF4H	CAN NL	**358.0**
359.0			XOE BUZ	FRA LOR	SVN RK	TUR KST	XOE BUZ	IOM RWY	XOE BUZ	FRA LOR	IOM RWY	IOM RWY	XOE BUZ	FRA LOR	IOM RWY	XOE BUZ	TUR KST			IOM RWY	FRA LOR		XOE BUZ	XOE BUZ	IOM RWY	IOM RWY	**359.0**
360.0	ROU O		RUS TS	RUS TS	ROU O	CAN PN	RUS BD	NOR ULV	NOR ULV		AZR HT	AZR HT		DEU SR			RUS BD	RUS BD	RUS TS	CAN PN			RUS BD	RUS BD		CAN PN	**360.0**
360.5										BEL MAK			BEL MAK			BEL MAK					BEL MAK				BEL MAK		**360.5**
361.0			FRA NB	FRA NB	FRA NB	IRL CFN	IRL CFN	FRA NB	IRL CFN	IRL CFN	IRL CFN	IRL CFN	IRL CFN	FRA NB		IRL CFN				IRL CFN		FRA NB	IRL CFN	IRL CFN	IRL CFN	IRL CFN	**361.0**
362.0			GRC LSA	GRC LSA	SWE NN	IRN DNZ	NOR BVK	SWE NN	NOR BVK		GRC LSA	NOR BVK		NOR BVK			CAN YZS	SWE NN	SWE NN	CAN YZS	GRC LSA	GRC LSA	NOR BVK	SWE NN	SWE NN	GRC LSA	**362.0**
362.5										ENG SND			ENG SND		ENG SND	ENG SND											**362.5**
363.0			SWE OEM	SWE OEM	SWE OEM	TUR CIG	SWE OEM	FRA PI	SWE OEM	FRA PI	SWE OEM	SWE OEM	SWE OEM	SWE OEM		SWE OEM	TUR CIG	SWE OEM	SWE OEM	TUR CIG	SWE OEM	FRA PI	SWE OEM	SWE OEM	FRA PI	TUR CIG	**363.0**
364.0	ITA MAL		ITA MAL	SWE NW	ITA MAL	SWE VNA	SWE NW	FRA PU	FRA PU	FRA PU	SWE NW		ITA MAL	ITA MAL		SWE NW	FIN B	SWE NW	SWE VNA	SWE VNA	ITA MAL	FRA PU	SWE NW	SWE VNA	IRL KNK	SWE VNA	**364.0**

365.0		CZE L	FIN VS	FIN VS	FIN VS	CNR VR	FIN VS	ENG KIM	ENG KIM	ENG KIM	CZE L	EQA PAL	ENG KIM	DEU LJ	DEU LJ	DEU LJ	IRN AJ	FIN VS	FIN VS	CNR VR	FIN VS	COR RB	DEU LJ	FIN VS	ENG KIM	EQA PAL	**365.0**
366.0			NOR UTH	SWE KM	NOR UTH	IRN SNJ	NOR UTH	SWE KM	NOR UTH	NOR UTH	NOR UTH	NOR UTH	SWE KM	SWE KM		NOR UTH	IRN SNJ	EST U	SWE UP	NOR UTH	NOR UTH		SWE KM	NOR UTH	SWE KM	EST U	**366.0**
367.0	HRV ZAG	HRV ZAG	HRV ZAG	FRA ASM	HRV ZAG	FRA ASM			FRA ASM		HRV ZAG			FRA ASM	HRV ZAG				HRV ZAG	HRV ZAG		HRV ZAG				HRV ZAG	**367.0**
367.5							ENG OX	ENG OX		ENG OX		ENG OX	ENG OX			ENG OX								ENG OX	ENG OX		**367.5**
368.0			DNK RK	FRA TLB	DEU BYC	TUR EDR	DEU BYC		FRA TLB		DNK RK	DNK RK	SCT UW	IRL WTD	IRL WTD	IRL WTD	DEU BYC	DEU BYC	SWE OY	SWE OY	DNK RK	FRA TLB	DEU BYC	SWE OY	SCT UW	DNK RK	**368.0**
368.5								ENG WHI		ENG WHI																	**368.5**
369.0	DEU MNE	DEU MNE	FRA CM	FRA CM	DEU MNE	ATG ZDX	SWE NL	FRA GL	ENG RCH	HOL PS	HRV VRS	ATG ZDX	HRV VRS	SWE NL	FRA GL	HOL PS	PAK MH	SWE NL	SWE OO	ATG ZDX	FRA GL	FRA CM	NOR STG	SWE OO	FRA GL	ATG ZDX	**369.0**
370.0		DEU PSA	FRA BSV	FRA BSV	BIH GAC	IRN UMH	BIH GAC	ENG CUL	SWE L		BIH GAC				BIH GAC		IRN UMH	BIH GAC	RUS NK	BIH GAC		FRA BSV		RUS NK		RUS NK	**370.0**
370.5										SWE LB		SWE LB	SWE LB	SWE LB		SWE LB					SWE LB		SWE LB		SWE LB		**370.5**
371.0	ITA LEV		ITA LEV	ITA LEV	DEU MYN	SVB NSV	DEU MYN	NOR BRS	NOR BRS	NOR BRS	ITA LEV	NOR BRS	ITA LEV	DEU MYN	NOR BRS	DEU MYN	SVB NSV		NOR BRS	NOR BRS	DEU MYN		DEU MYN	NOR BRS	NOR BRS	POR STR	**371.0**
372.0		CZE L	GRL OZN	FRA PY	DEU NDO	CAN YCO	NOR ODR	GRL OZN	NOR ODR	GRL OZN	HRV CE	GRL OZN	CAN YCO	DEU NDO	GRL OZN	NOR ODR	TUR ESR	DEU NDO	NOR ODR	CAN YCO	NOR ODR	HRV CE	DEU NDO	NOR ODR	NOR ODR	GRL OZN	**372.0**
373.0			FIN KEM	FIN KEM	FIN KEM	IRN VR	FIN KEM	FRA MP	FIN KEM	FRA MP	FIN KEM	FIN KEM	ROU D	HOL NW	FRA MP	FRA MP	IRN VR	ROU D	FIN KEM	ISL TN	FIN KEM		FIN KEM	FIN KEM		FIN KEM	**373.0**
374.0		DEU FS	FIN S	FRA BGC	DEU FS	FIN S		FRA BGC	FRA BGC	FRA BGC		NOR BL	AUT KFT	FRA BGC	FRA BGC		AUT KFT	FIN S	FIN S	NOR BL	AUT KFT	AUT KFT	FIN S	FIN S	NOR BL	AUT KFT	**374.0**
374.5	ITA ANC						ITA ANC				ITA ANC					ITA ANC											**374.5**
375.0	SUI GLA		SUI GLA	SWE RB	COR CV	RUS BW	ISL VM	BEL OO	SWE RB	XOE EKO	ISL VM	XOE EKO	XOE EKO	SWE RB	BEL OO	XOE EKO	RUS DB	RUS DB	POL CHO	ISL VM	ISL VM	SUI GLA	POL CHO	RUS BW	FRA BRG	ISL VM	**375.0**
376.0	DEU HAN	DEU HAN	FRA BS	FRA BS	DEU HAN	IRN SKD		DEU HAN	DEU HAN	DEU HAN	CNR HIE	CNR HIE	CNR HIE	DEU HAN	DEU HAN	DNK HP	IRN SKD	DEU HAN	IRN SKD	CNR HIE	DNK HP		DEU HAN	IRN SKD	CNR HIE	CNR HIE	**376.0**
376.5							ITA ORI																				**376.5**
377.0			SWE KN	SWE KN	SWE KN	RUS KR	SWE KN	SWE SM	SWE SM	SWE SM	SWE KN	SWE SM	SWE SM	SWE KN		SWE KN	RUS KR	SWE SM	SWE SM	SWE SM	SWE SM		SWE KN	SWE SM		RUS KR	**377.0**
378.0			NOR RSY	FRA LU	DEU WSN	IRL KLY	DEU WSN	IRL KLY	NOR RSY	DEU WSN	ROU TA	DEU WSN	IRL KLY	IRL KLY	IRL KLY	DEU WSN	CAN UX	DEU WSN	NOR HTK	CAN HO	DEU WSN	HRV TRI	NOR RSY	NOR RSY	IRL KLY	CAN HO	**378.0**
379.0			FRA EB	FRA EB	ITA PIS	ITA PIS	ITA PIS	FRA EB	FRA EB	ITA PIS	ITA PIS		ITA PIS	FRA EB		ITA PIS	ITA PIS			FRA EB	FRA EB	FRA EB		ITA PIS	ITA PIS	ITA PIS	**379.0**
380.0			ESP VNV	ESP VNV	SRB KN	AZR FIL	SRB KN	FRA RQ	NOR FLR	NOR FLR	AZR FIL	AZR FIL	SCT CBL	AZR FIL	SCT CBL	SCT CBL	FIN TOL	SRB KN	SRB KN	AZR FIL	SWE LF		SWE LF	RUS BW	SCT CBL	AZR FIL	**380.0**
381.0			NOR RG	ROU SIB	ROU SIB	TUR KHD	ROU SIB	NOR RG	NOR RG	NOR RG	NOR RG	NOR RG	NOR RG	NOR RG		NOR RG	TUR KHD	NOR RG	NOR RG	ROU SIB	ROU SIB		NOR RG	NOR RG	NOR RG	ROU SIB	**381.0**
382.0		DEU FW	ITA GAZ	ITA GAZ	AUT SBG	POR LAR	AUT SBG	POR LAR	ITA GAZ	DEU FW	ITA GAZ	POR LAR	POR LAR	ITA GAZ	AUT SBG	POR LAR	AUT SBG	AUT SBG		GRL SF	DEU FW	AUT SBG	FIN IJ	POR LAR	POR LAR	POR LAR	**382.0**
383.0			FRA MAR	FRA MAR	BIH NA	FRA MAR	GSY ALD	GSY ALD	GSY ALD	GSY ALD	GSY ALD	GSY ALD	GSY ALD	GSY ALD	GSY ALD	GSY ALD	HNG EN	HNG EN		GSY ALD	FRA MAR	FRA MAR	GSY ALD	GSY ALD	GSY ALD	BIH NA	**383.0**
384.0	BAL ADX		FRA PMR	BAL ADX	BAL ADX	TUR BNG	SWE TY	IRL SLG	IRL SLG	BAL ADX	ROU IAS	IRL SLG	IRL SLG	DNK TL	IRL SLG	SWE TY	TUR BNG	SWE TY	SWE TY	BAL ADX	DNK TL	FRA AT	SWE TY	SWE TY	IRL SLG	ROU IAS	**384.0**
385.0		POL NWT	FRA CSC	FRA CSC	POL NWT	IRN MSD	POL NWT	POL NWT	FRA OAN	FRA OAN	HRV BO	POL NWT	ENG WL	LTU AVN	POL NWT	ENG WL	IRN MSD	LTU AVN	IRN MSD	LTU AVN	LTU AVN	FRA CSC	POL NWT	LTU AVN	ENG WL	GDL PTP	**385.0**
386.0	EST O	CZE RAK	EST O	EST O	CZE RAK	EST O	EST O	ENG BZ	ENG BZ	HOL STD	EST O	ENG BZ	ENG BZ	CZE RAK	ENG BZ	HOL STD	CZE RAK	EST O	EST O	EST O	EST O		EST O	EST O	EST O	SPM SP	**386.0**
387.0	FRA RZ		COR CT	COR CT	FRA RZ	BOT GZ	FRA RZ	ESP AV	FRA BGP	FRA BGP	FRA RZ	IRL CML	FRA ING	FRA BGP	FRA ING	FRA ING	PAK MT	FRA ING		ESP AV	FRA RZ	FRA RZ	FRA BGP	FRA BGP	IRL CML	FRA BGP	**387.0**
388.0	SVN PZ		SWE COR	SWE COR	SWE COR	FIN KRU		SWE COR	SWE COR		FIN KRU			FRA BR			FIN KRU	SWE COR	SWE COR	FIN KRU	FIN KRU	FRA BR	SWE COR	FIN KRU		SVN PZ	**388.0**
388.5							WLS CDF			HOL CH		WLS CDF	HOL CH			HOL CH									WLS CDF		**388.5**
389.0			ESP ZRZ	ESP ZRZ	NOR HN	CNR BX	FRA PX	FRA PX	NOR HN	ESP ZRZ	CNR BX	NOR HN	ESP ZRZ	ESP ZRZ	FRA PX	NOR HN	TUR BDR			CNR BX	TUR BDR		NOR HN	CNR BX	NOR HN	CNR BX	**389.0**
390.0	ITA AVI	ITA AVI	ITA AVI	ITA AVI	SRB VAL	PAK RS	SRB VAL	FRA DR	FRA DR	FRA DR	SRB VAL	FRA DR	FRA DR	ITA AVI	FRA DR	FRA DR	ITA AVI	ITA AVI	SWE PAJ	ITA AVI	LBY OV		SWE SS	SRB VAL	FRA DR		**390.0**
390.5																										FRA ITR	**390.5**

391.0	SVK OKR	SVK OKR	SVK OKR	FRA CC	SVK OKR	PTR DDP	SVK OKR	SVK OKR	FRA BV	FRA BV	PTR DDP	PTR DDP	PTR DDP	PTR DDP	SVK OKR	FRA BV	TUR GAP	SVK OKR	SVK OKR	PTR DDP	FRA BV	SVK OKR	SVK OKR	SVK OKR	FRA CC	PTR DDP	**391.0**
392.0		DEU RW	DEU RW	FRA AS	DEU RW	LBY LAB	DEU RW	FRA AS	FRA AS	FRA AS	CAN ML	ISL KF	ISL KF	ISL KF	ISL KF	DEU RW	LBY LAB	DEU RW		CAN ML	FRA AS		DEU RW	LBY LAB	FRA AS	CAN ML	**392.0**
392.5	ITA TOP																										**392.5**
393.0			NOR TAT	FRA BD	NOR TAT	IRN RST	NOR TAT	FRA BD	ENG EMW	ENG EMW	IRN RST	NOR TAT	NOR TAT	ENG EMW	ENG EMW	ENG EMW	IRN RST	SWE AB	NOR TAT	IRN RST			NOR TAT	IRN RST	FRA BD	IRN RST	**393.0**
394.0		BAL IZA	BAL IZA	BAL IZA	FRA NV	BAL IZA	SWE NB	SCT DND	SCT DND	SCT DND	SWE NB	SWE NB	SCT DND	SCT DND	SCT DND	SCT DND	DEU LYE	DEU LYE	SWE NB	SWE NB	SCT DND	FRA NV	SCT DND	SWE NB	SCT DND	BAL IZA	**394.0**
395.0	FRA OB		IRN TBS	MLT MLT	FRA OB	IRN TBS	HOL OA	SCT LAY	SCT LAY	HOL OA	IRN TBS	IRL FOY	ORK KW	SCT LAY	SCT LAY	HOL OA	IRN TBS		IRN TBS	MLT MLT	FRA OB	FRA OB	ORK KW	IRN TBS	SCT LAY	IRN TBS	**395.0**
396.0		ITA RON	CAN JC	NOR YG	NOR YG	SYR ALE	ITA RON	NOR YG	NOR YG	NOR YG	CAN JC	NOR YG	NOR YG	NOR YG		NOR YG	SYR ALE	NOR YG	NOR YG	CAN JC	ITA RON		NOR YG	NOR YG	NOR YG	ITA RON	**396.0**
397.0	FRA EG		HRV CV	EST UM	POL OL	TUR VAN	FRA BLB	FRA BLB	FRA BLB	HOL EHN	TUR VAN	IRL OP	IRL OP	HOL EHN	IRL OP	ENG LZD	TUR VAN	POL OL	EST UM	HRV CV	HOL EHN	FRA EG	EST UM	EST UM	IRL OP	CNR FV	**397.0**
398.0			SWE PEO	SWE PEO	ITA PRU	FIN ESS	FRA LRN	FRA MT	FRA LRN	SWE PEO	ITA PRU	SWE PEO	ITA PRU	FIN ESS	FRA LPD	IRL OK	ITA PRU	ITA PRU	SWE PEO	FIN ESS	FIN ESS	FRA LPD	SWE PEO	FIN ESS	IRL OK	SWE PEO	**398.0**
399.0			SWE FM	SWE FM	ESP EAG	JOR MDB		SWE FM	SWE FM			SWE FM		SWE FM			JOR MDB	SWE FM		ESP EAG	JOR MDB		SWE FM	JOR MDB		ESP EAG	**399.0**
399.5							BEL ONO			BEL ONO	BEL ONO		BEL ONO		BEL ONO	BEL ONO									BEL ONO		**399.5**
400.0			FRA AG	FRA AG	HRV BRZ	LBY ZT	SWE EN	FRA AG	SWE EN	FRA AG	HRV BRZ	SWE EN		SWE EN			HNG BC	HNG BC	HRV BRZ	HNG BC	LBY ZT	FRA AG	SWE EN	RUS D	FRA AG		**400.0**
400.5	ITA COD	ITA COD											DNK EJ			DNK EJ										ITA COD	**400.5**
401.0			ITA BPL	BAL PTC	ITA BPL	ESP COA	ITA BPL	FRA LA	SCT BBA	FRA LA	ITA BPL	FRA LA	ITA BPL	NOR RBU	FRA LA	SCT BBA	NOR RBU		NOR RBU	ITA BPL	ITA BPL		SCT BBA	NOR RBU	SCT BBA	ESP COA	**401.0**
402.0	SAR CAR		BEL OP	SAR CAR	SAR CAR	IRN YZD	SWE LX		FRA DA	BEL OP	SWE LX			SWE LX	BEL OP	BEL OP	IRN YZD	SWE LX		SAR CAR	BEL OP	SAR CAR	SWE LX	SAR CAR		SPM MQ	**402.0**
402.5								ENG LBA				ENG LBA	ENG LBA												ENG LBA		**402.5**
403.0			SWE OJ	SWE OJ	SUI LPS	CHN JB	SWE OJ	FRA VZ	SWE OJ	SWE OJ	SWE OJ	SWE OJ	SWE OJ	SWE OJ	SWE OJ	SWE OJ	LBY MB	XUU TEST	SWE OJ	SUI LPS	SWE OJ	FRA VZ	SWE OJ	LBY MB	FRA VZ	SUI LPS	**403.0**
404.0		ESP LRD	FRA MRV	ESP LRD	LUX LW	FIN Y	ROU BMR	FRA AGO	ESP LRD	FRA CNE	ROU BMR	NOR VNG	FRA MRV	ESP LRD	LUX LW	FRA MRV	ROU BMR	ROU BMR	FIN Y	FIN Y	FRA MRV	ESP LRD	NOR VNG	FIN Y	SCT OBN	ESP LRD	**404.0**
405.0	SRB JST	DEU GRW	SRB JST	SRB JST	SRB JST	TUR ME	SRB JST	DEU GRW	SRB JST		SRB JST	DEU GRW	ITA VIE	DEU GRW	SRB JST	DEU GRW	RUS UM	RUS UM	RUS UM	ITA VIE	DEU GRW		DEU GRW	RUS UM	DEU GRW	RUS UM	**405.0**
406.0		DEU HOZ	FRA MJ	FRA TW	DEU HOZ	FRA TW		ENG BHX	ENG BHX	ENG BHX	FRA MJ	ENG BHX	ENG BHX	ENG BHX	ENG BHX	ENG BHX		DEU HOZ	SWE NV	FRA TW	DEU HOZ	FRA MJ		FRA TW	FRA TW	DEU HOZ	**406.0**
406.5							DEU BOT										DEU BOT						DEU BOT				**406.5**
407.0		DEU LUP	SCY CTF	ALG BCR	DEU LUP	TUR KSR	LTU PN	DEU LUP	LTU PN	DEU LUP	LTU PN	LTU PN	LTU PN	ALG BCR	DEU LUP	LTU PN	TUR KSR	LTU PN	LTU PN	CAN ZHU	LTU PN		LTU PN	ALG BCR	ALG BCR	ALG BCR	**407.0**
408.0	AUT BRK	AUT BRK	ROU TSR	ROU TSR	AUT BRK	IRN SAV	AUT BRK	AUT BRK	AUT BRK	AUT BRK	ROU TSR	AUT BRK	ROU TSR	AUT BRK	AUT BRK	AUT BRK	IRN SAV	AUT BRK	AUT BRK	ROU TSR	AUT BRK	AUT BRK	AUT BRK	FIN O	AUT BRK	AUT BRK	**408.0**
409.0			SWE SG	SWE SG	SWE SG	MRC IFN	SWE SG	SWE SG	SWE SG	SWE SG	SWE SG	SWE SG	SWE SG	SWE SG	SWE SG	SWE SG	SWE SG	SWE SG	SWE SG	SWE SG	SWE SG		SWE SG	SWE SG	SWE SG	MRC IFN	**409.0**
410.0	AUT SI		RUS SF	RUS SF	AUT SI	RUS SF	RUS SF	FRA ETN	FRA ETN	XOE 3EYH5	ESP C	RUS SF	XOE 9HUJ9	ESP C	XOE 3EYH5	XOE 3EYH5	AUT SI	KAL K	RUS SF	KAL K	KAL K	FRA ETN	RUS SF	RUS SF	ESP C	ESP C	**410.0**
411.0						TUR RNA																		TUR RNA			**411.0**
412.0	SVK FS	ESP GRN	HNG PP	SCY SIG	HNG PP	RSE KS	SVK FS	FRA SE	FRA SE	FRA SE		ESP GRA	SCY SIG	ESP GRA	ESP GRA	FRA SE	AFG HRT	RSE KS	SVK FS	SCY SIG	SVK FS	ESP GRN	HNG PP	SCY SIG	ESP GRA	ESP GRA	**412.0**
413.0	FRA ALM		FRA ALM	FRA ALM	FRA ALM	TUR GEY		FRA ALM	FRA ALM		FRA ALM									FRA ALM		FRA ALM		FRA ALM		FRA ALM	**413.0**
413.5		DEU DLS					DEU DLS			DEU DLS		DEU DLS	DEU DLS	DEU DLS	DEU DLS	DEU DLS	DEU DLS				DEU DLS		DEU DLS		DEU DLS		**413.5**
414.0			RUS SB	NOR HD	HRV GR	RUS SB	HRV GR	ENG BRI	ENG BRI	ENG BRI	HRV GR	NOR HD	NOR HD	NOR HD	ENG BRI	ENG BRI	RUS SB		NOR HD	NOR HD	HRV GR		NOR SJA	RUS SB	NOR HD	RUS SB	**414.0**
415.0	FRA TOE	FRA TOE	FRA TOE	FRA TOE	SWE OL	FRA TOE	SWE OL	FRA TOE	SWE OL	FRA TOE	FRA TOE	CYM CBC	SWE OL	SWE OL	DEU RTB	SWE OL	RUS DR	SWE OL	SWE OL	SWE OL	FRA TOE		SWE OL	RUS DR	FRA TOE	CYM CBC	**415.0**
416.0		SRB POZ	SWE BCS	SWE BCS	CZE V	ESP SA	SRB POZ	SRB POZ	SRB POZ	SRB POZ	SRB POZ	SWE BCS	CZE V	CZE V	SRB POZ	SRB POZ	SRB POZ	CZE KUN	SWE BCS	SWE BCS	CZE KUN	SRB POZ	SRB POZ	SRB POZ	SRB POZ	CZE V	**416.0**
417.0	SWE AH	ESP SNO	SWE AH	FRA AX	SWE AH	ESP CVT	SWE AH	FRA AX	ESP CVT	ESP SNO	ESP SNO	SWE AH	ITA VIC	ESP SNO	FRA AX	DEU LI	ITA VIC	DEU LI	SWE AH	ESP CVT	SWE AH	ITA VIC	SWE AH	ESP CVT	SWE AH	ESP CVT	**417.0**

418.0	FRA SAL	FRA SAL	FRA SAL	HRV DVN	HRV DVN	FRA SAL	ROU ORA	FRA MK	FRA MK	ROU ORA	ROU ORA	FRA MK	FRA MK	HRV DVN	ROU ORA	FRA MK	HRV DVN	ROU ORA	ROU ORA	ROU ORA	SVK PW	ITA SVC	ROU ORA	FRA MK	FRA MK	ROU ORA	**418.0**
419.0	FRA EMT	FRA EMT	SWE RD	SWE RD	FRA EMT	GRC LRO	FRA EMT	FRA EMT	SWE RD	FRA EMT	FRA EMT	FRA EMT	FRA EMT	FRA EMT	FRA EMT	SWE RD	SWE RD		SWE RD	SWE RD	FRA EMT		SWE RD	SWE RD	SWE RD	SWE RD	**419.0**
420.0	AUT INN		RUS SHF	SRB BT	SRB BT	AZR PI	SRB BT	NIR HB	NIR HB	NIR HB	SRB BT	NIR HB	NIR HB	NIR HB	NIR HB	NIR HB	TUR YKV		MNE GO	NIR HB	AUT INN	ITA ABN	NIR HB	NIR HB	NIR HB	AZR PI	**420.0**
421.0		ESP GE	SWE MF	ESP GE	SWE MF	TUR ERH	SWE MF	ENG BUR	SWE MF	ENG BUR	ESP GE	SWE MF	ENG BUR	SWE MF	ESP GE	ENG BUR	TUR ERH	SWE MF	SWE BL	ESP GE	ESP GE	ESP GE	SWE MF	SWE BL	SWE MF	ESP GE	**421.0**
422.0			HRV OSJ	ESP PAM	HRV OSJ	TUR CNK	HRV OSJ	ESP PAM	ESP PAM	ESP PAM	HRV OSJ	ESP PAM	HRV OSJ	ESP PAM	ESP PAM	ESP PAM	HRV OSJ		HRV OSJ	ESP PAM	HRV OSJ	ESP PAM	HRV OSJ	HRV OSJ	ESP PAM	HRV OSJ	**422.0**
423.0	SRB ZO	FRA TS	SRB ZO	ALG BJA	SRB ZO	SRB ZO	SRB ZO	DNK FE	FRA TS	ENG CWL		DNK FE	ENG CWL	DNK FE	ENG CWL	DNK FE	SRB ZO	POL M	DNK FE	ALG BJA	DNK FE	FRA TS	SRB ZO	SRB ZO	FRA TS	DNK FE	**423.0**
424.0	HRV PIS	ESP RUS	FRA PHG	ESP RUS	HRV PIS	TUR SEL	FRA PHG	FRA PHG	FRA PHG	HRV PIS	HRV PIS	FRA PHG	HRV PIS	FRA PHG	FRA PHG	HRV PIS	TUR SEL		HRV PIS	ALG GRS	FRA PHG	FRA PHG	HRV PIS	FRA PHG	FRA PHG	ALG GRS	**424.0**
425.0	ITA MMP	ITA MMP	BIH DNC	BIH DNC	BIH DNC	POR EVR	BIH DNC	POR EVR	POR EVR	POR EVR	BIH DNC	POR EVR	SVK KE	POR EVR	DEU ERT	POR EVR	SVK KE	DEU ERT	UKR PI	POR EVR	DEU ERT	BIH DNC	DEU ERT	UKR PI	POR EVR	TUR BUK	**425.0**
QRG	**AUT lk**	**CZE jk**	**CZE my**	**CZE ze**	**DEU bd**	**DEU hw**	**DEU je**	**ENG ag**	**ENG ap**	**ENG bk**	**ENG hh**	**ENG im**	**ENG me**	**ENG px**	**ENG re**	**ENG yk**	**FIN jr**	**FIN ks**	**FIN ro**	**HOL rb**	**ITA ed**	**ITA wb**	**NOR gl**	**RUS iv**	**SCT ds**	**SCT lw**	**QRG**

Beacons Heard

Beacons are shown in kHz order within each country
The numbers shown within the table are the times in 'hh' UTC that the beacons were logged.
(e.g. 01 indicates logged between 01:00-01:59 UTC).

Cou, S/P	QRG	ID	Name	AUT lk	CZE jk	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG ap	ENG bk	ENG hh	ENG im	ENG me	ENG px	ENG re	ENG yk	FIN jr	FIN ks	FIN ro	HOL rb	ITA ed	ITA wb	NOR gl	RUS iv	SCT ds	SCT lw
AFG	412.0	HRT	Herat																	23									
ALG	283.0	BIS	Biskra						21																				
ALG	304.0	MOK	Bordj Mokhtar						23																				
ALG	342.0	OA	Algiers / Houari Boumedienne			19																							
ALG	353.0	BNA	Beni Amrane				00													00			23		21		00		
ALG	407.0	BCR	Bechar				21										21										00	00	00
ALG	423.0	BJA	Bejaia / Soummam				21																19						
ALG	424.0	GRS	Ghriss																				23						00
ATG	369.0	ZDX	Coolidge Saint Johns						23						01								05						05
AUT	290.0	GRZ	Graz					17		00				18			23			00		20	01		01	20	00		22
AUT	293.0	STE	Wien / Schwechat / Steinhof	10		15		17												00							00		
AUT	303.0	RTT	Innsbruck / Rattenberg	15		15	22	23						18						00				02	01				
AUT	313.0	KI	Klagenfurt			20	18	23	17	23				21						01			20	02			00		00
AUT	320.0	RUM	Innsbruck / Rum	15																									
AUT	327.0	LNZ	Linz / Horsching	10				17						18							00	02	20			01			19
AUT	358.0	TUN	Tulln for Schwechat		05			18								23	18				17	02				23			
AUT	374.0	KFT	Klagenfurt													23				23				02	18				19
AUT	382.0	SBG	Salzburg / Oberndorf					18		00								21		00	17				17				
AUT	408.0	BRK	Wien / Schwechat / Bruck	10	05			18		18	22	19	23		02		21	22	22		17	21		02	18	03		00	19
AUT	410.0	SI	Salzburg	10				18												23									
AUT	420.0	INN	Innsbruck	16																				02					
AZR	331.0	SC	Santa Cruz Das Flores						23														04						05
AZR	351.0	PD	Ponta Delgada																				04						
AZR	360.0	HT	Horta / Faial Island											23	05														
AZR	380.0	FIL	Horta / Faial Island						23					22	05		20						04						05
AZR	420.0	PI	Madalena / Pico Island						23																				05
BAL	344.0	MN	Menorca		05	19	23																		22				
BAL	351.0	CST	Costix for Palma De Mallorca				00																				00		
BAL	384.0	ADX	Andraitx for Palma de Mallorca	20			02	21					23										23						
BAL	394.0	IZA	Ibiza		05	19	03		17																				00
BAL	401.0	PTC	Porto Colom for Palma De Mallora				21																						
BEL	290.0	ONL	Liege / Bierset			21	21				21		11		20	11		20	11										
BEL	293.0	OB	Brussels National		19		21			20	23	19	11	18	00	11	10	20	11									01	19
BEL	314.0	OZ	Brussels National					20	17	22	23	19	11	18	00	11	22	20	11				20				00	01	19
BEL	323.0	ONC	Charleroi / Gosselies										11													20			
BEL	352.5	DD	Oostende											18															

BEL	355.0	ONW	Antwerpen / Deurne			20							11		00		10	21	11					02						
BEL	360.5	MAK	Mackel for Brussels Ntl										12			11			11					02					22	
BEL	375.0	OO	Oostende								20							21												
BEL	399.5	ONO	Oostende							20			12	19		11		21	11										01	
BEL	402.0	OP	Brussels National			21							12					21	11					02						
BIH	340.0	BLK	Banja Luka	19			23	22		00				18			23			00					23					
BIH	355.0	MA	Mostar																						21					
BIH	357.5	KG	Sarajevo / Butmir / Kobiljaca											18																
BIH	370.0	GAC	Gacko					18		00				19				21			17		21							
BIH	383.0	NA	Banja Luka					21																						22
BIH	425.0	DNC	Mostar			17	18	19		00				20											18					
BLR	308.0	G	Minsk 2											22		23								02			19			
BLR	308.0	V	Minsk 2																		16	20								
BOT	387.0	GZ	Ghanzi						02																					
BRA	285.0	DOU	Dourados (MS)																											00
BRA	340.0	OIA	Oiapoque (AP)																											23
BRI	316.0	BJO	Bjornoya / Bear Isl																	00							00			
BUL	284.0	GNA	Gorna	19	19	21	21	20	17	01	21	19	00	19	20	23	22		23	00	16		00	02	01	19	19	21	00
BUL	297.0	BD	Pazardjik / Malak Chardak			01			17																					
BUL	312.0	BOZ	Bozhurishte					20	17	03			04	19			23			00				02						00
BUL	321.0	BU	Burgas				22							20									22							22
BUL	350.0	DWN	Devnya For Varna				00			23											00									00
CAN, MB	305.0	YQ	Churchill / Eastern Creek						02											00							02			
CAN, NB	304.0	ZQM	Riverview (Moncton)																											22
CAN, NB	326.0	FC	Fredericton						23						01															22
CAN, NL	280.0	QX	Gander						23	22		23	00	22	05	22	23	22	23				22					23	05
CAN, NL	281.0	CA	Cartwright						21	23		04	02	23	05	02		22					00						05
CAN, NL	356.0	AY	St Anthony						23	22					00	02	00						02					22	05
CAN, NL	358.0	NL	Signal Hill (Saint John"s)						23														01						05
CAN, NL	378.0	HO	Hopedale																				00						05
CAN, NL	396.0	JC	Rigolet			02								23									01						
CAN, NU	305.0	LT	Alert Bay															00					01						
CAN, NU	329.0	YEK	Arviat						02														01						
CAN, NU	350.0	RB	Resolute Bay																	00			01						
CAN, NU	362.0	YZS	Coral Harbour																	00			01						
CAN, NU	372.0	YCO	Coppermine / Kugluktuk						02							02							02						
CAN, NU	378.0	UX	Hall Beach																	00									
CAN, QC	276.0	YHR	Chevery			01			23	23		23	00	22	05	23	23	22	23				22					21	05
CAN, QC	332.0	YFM	La Grande 4																				01						
CAN, QC	340.0	YY	Mont Joli						23														23						
CAN, QC	344.0	YGV	Havre St Pierre						23																				22
CAN, QC	360.0	PN	Port-Menier / Ile Anticosti						23														01						22
CAN, QC	392.0	ML	Charlevoix											23									23						22
CAN, QC	407.0	ZHU	Hauts-Bois / St Hubert (Montreal)																				23						
CHN	403.0	JB	Zangangzhen						17																				
CLM	309.0	GPI	Guapi																										05
CNR	365.0	VR	Gran Canaria / Las Palmas						23														02						
CNR	376.0	HIE	Valverde / El Hierro											22	05	00							01					00	19
CNR	389.0	BX	La Palma						23					22									23				00		19
CNR	397.0	FV	Fuerteventura																										00
COR	341.0	IS	Ajaccio / Campo del Oro			18			17														01		23				
COR	349.5	SZA	Solenzara	21						19															22				
COR	365.0	RB	Ajaccio / Campo del Oro																						20				
COR	375.0	CV	Calvi / Ste Catherine					21																					
COR	387.0	CT	Ajaccio / Campo del Oro			18	02																						
CYM	415.0	CBC	West End (Cayman Brac)												05														05
CYP	328.0	PHA	Pafos						23											00									
CYP	343.0	DKA	Dhekelia						01											22									
CZE	300.0	KD	Kbely / Praha East					14														20							
CZE	345.5	CF	Caslav / Chotusice / Centograf							20																21			
CZE	365.0	L	Karlovy Vary / Vrata		05									20															
CZE	372.0	L	Prague / Ruzyne / Liboc		05																								
CZE	386.0	RAK	Rakovnik		05			14									21			22									
CZE	416.0	KUN	Kunovice																		17			02					
CZE	416.0	V	Vodochody / Pan Brezany					19								02	22												19
DEU	284.0	FSB	Fassberg															20											
DEU	286.0	HFX	Hohenfels		19	15	21	01		02				20		20							21	02			00		22

DEU	292.0	NKR	Neckar		19	15		01		00		19											03				21		
DEU	297.0	FR	Frankfurt					17				19				21	22	23	23					02					
DEU	299.0	SL	Berlin / Schonefeld			15		14																					
DEU	300.5	LW	Koln / Bonn																					02					
DEU	309.0	MW	Berlin / Schonefeld							04														02					
DEU	311.0	CEL	Celle					14		19				18						00			18						
DEU	311.0	LMA	Lima / Bruggen			03	22				19	19	11			11	10	20	11					02			00	22	
DEU	311.0	NSN	Niederstetten		19				17																				19
DEU	318.0	HIG	Bremen					14		19			00						11										
DEU	320.0	HA	Hannover / East					14		00	21				00									02					
DEU	321.0	GL	Berlin / Tegel / East					14										20								00			
DEU	323.0	GT	Hamburg / North					14		19									11	02				02			00		
DEU	330.0	ABU	Altenburg / Nobitz							19																			
DEU	333.0	PI	Schwerin / Parchim					14		20						23													
DEU	337.0	LHR	Lahr / Schwarzwald					20																02					
DEU	338.0	MNW	Munchen	10						23							23												
DEU	339.0	HOS	Hamburg					17		19				19					11										
DEU	340.0	ZIG	Leipzig																					02					
DEU	341.0	ALG	Memmingen / Allgau																					02					
DEU	344.0	HN	Hohn					18		19				22			23		11			21		02				01	
DEU	345.0	IGL	Ingolstadt		05	15		20																					
DEU	350.0	FU	Hamburg West					18			22	19			00	11	23	21	11									01	
DEU	352.0	LAA	Niederrheim										11						11										
DEU	353.0	KIL	Kiel / Holtenau			20		18		19					00	11		21	11		00			02		22		22	
DEU	354.0	PAD	Paderborn / Lippstadt					18						18										02					
DEU	357.0	SKZ	Leipzig / Halle		05			14													00					23			
DEU	358.0	MSE	Munchen	20																									
DEU	360.0	SR	Saarbrucken / Ensheim														19												
DEU	365.0	LJ	Koln / Bonn														19	21	11							23			
DEU	368.0	BYC	Buckeburg					14		19										23	17					22			
DEU	369.0	MNE	Munchen	16	05			18																					
DEU	370.0	PSA	Spessart		05																								
DEU	371.0	MYN	Munster / Osnabruck					18		21							20		11					02		23			
DEU	372.0	NDO	Nordholz					18									20				17					22			
DEU	374.0	FS	Dresden		05			14																					
DEU	376.0	HAN	Hahn	20	05			18			20	19	22				20	21			18					23			
DEU	378.0	WSN	Weser					14		19			22		00				11		17			02					
DEU	382.0	FW	Frankfurt / Raunheim		05								03											02					
DEU	392.0	RW	Berlin / Tegel West		05	16		14		21									23		17					21			
DEU	394.0	LYE	Lubeck / Blanckensee																	23	17								
DEU	405.0	GRW	Grafenwohr		05						23				02		21		22					02		21		00	
DEU	406.0	HOZ	Holzdorf		05			14													17			02					19
DEU	406.5	BOT	Bottrop							03										23						00			
DEU	407.0	LUP	Laupheim		05			18			22		02					23											
DEU	413.5	DLS	Berlin / Tempelhof / Lubars		05					21			23		02	02	22	23	22	00				02		03		23	
DEU	415.0	RTB	Nurnberg / Rothenbach															23											
DEU	417.0	LI	Dusseldorf																11		17								
DEU	425.0	ERT	Erfurt															22			17			02		01			
DNK	321.0	VO	Vojens / Skrydstrup		20					20	19				00	11					00			02					
DNK	328.0	VJ	Stauning			20		19		20				18		11			11		00								
DNK	330.0	SB	Sonderborg														22		11				21	02					
DNK	334.0	FAU	Bornholm / Ronne / Fauna							03										23				02					
DNK	339.0	SD	Sindal																		00								
DNK	346.0	AU	Stauning											22	00														
DNK	357.0	KD	Kolding / Vamdrup												00		18							02			00		
DNK	368.0	RK	Copenhagen / Roskilde			20								22	00									02					19
DNK	376.0	HP	Esbjerg																11					02					
DNK	384.0	TL	Aarhus														20							02					
DNK	400.5	EJ	Esbjerg													11			11										
DNK	423.0	FE	Odense / Beldringe								20				00		22		11			20		02					19
ENG	277.0	CHT	Chiltern				22		17	01	21	19	11		05	11	10	20	11				18				00	23	19
ENG	316.0	EPM	Epsom for Heathrow								19		11																
ENG	318.0	BPL	Blackpool								19	19			00	11	10	22											
ENG	322.0	LCY	London / City										11				11		11										
ENG	323.0	SBL	Sherburn-In-Elmet									19						20											
ENG	327.0	TNL	Tatenhill										11					23											
ENG	328.0	CL	Carlisle								19	19	11		01													12	

ENG	331.0	GST	Gloucester									19						11												
ENG	335.0	WCO	Westcott								19	19	11		16	11		20	11										22	
ENG	337.0	EX	Exeter										11				22													
ENG	337.0	WTN	Warton								19				05	11			11											
ENG	338.0	FNY	Robin Hood / Doncaster / Finningley								19	19	11			11		20	11										22	
ENG	339.0	BIA	Bournemouth								19	19			00	11		21											22	
ENG	340.0	LSH	Lashenden / Headcorn																11											
ENG	342.5	NWI	Norwich								19		11			11			11											
ENG	343.0	YVL	Yeovil / Westland									19	11						11											
ENG	347.0	NQY	Newquay							23							23		11				00				00			
ENG	347.5	TD	Teeside										11		00	11														
ENG	348.0	FOS	Fairoaks										11																	
ENG	349.5	LPL	Liverpool								18		11			11	23		11											
ENG	352.0	NT	Newcastle							21	18				00	11					00								12	
ENG	352.0	WOD	Woodley									19					10	21												
ENG	353.5	EME	East Midlands								18		11																	
ENG	356.0	WBA	Wolverhampton			20					18	19	12	18				22	11								00			
ENG	362.5	SND	Southend-On-Sea										12			11		21	11											
ENG	365.0	KIM	Kirmington								22	19	12			11													22	
ENG	367.5	OX	Oxford / Kidlington							21	22		12		00	11			11								00		00	
ENG	368.5	WHI	Whitegate for Hawarden								22		12																	
ENG	369.0	RCH	Rochester									19																		
ENG	370.0	CUL	Culdrose RNAS								21																			
ENG	385.0	WL	Barrow / Walney Isl													11			11										12	
ENG	386.0	BZ	Brize Norton								21	19			16	11		21												
ENG	393.0	EMW	East Midlands									19	12				21	21	11											
ENG	397.0	LZD	Lydd																11											
ENG	402.5	LBA	Leeds / Bradford								20				04	11													01	
ENG	406.0	BHX	Birmingham								20	19	12		16	11	21	21	11											
ENG	414.0	BRI	Bristol / Filton								20	19	12					22	11											
ENG	421.0	BUR	Burnham								20		12			11			11											
ENG	423.0	CWL	Cranwell										12			11		22												
EQA	365.0	PAL	Palma												05															05
ESP	310.0	AMN	Almeria																											04
ESP	319.0	ECV	Colmenar Viejo									19											23							22
ESP	328.0	HIG	San Sebastian				02											20												22
ESP	330.0	G	Gerona / Costa Brava				23																							
ESP	335.0	TON	Torralba de Aragon		04		23										22							23						
ESP	340.0	PND	Valencia / Pinedo		04																									
ESP	356.0	SGO	Sagunto				02																							
ESP	380.0	VNV	Vilanova i la Geltru			17	01																							
ESP	387.0	AV	Asturias / Aviles								21												23							
ESP	389.0	ZRZ	Zaragoza			19	02						23			00	21													
ESP	399.0	EAG	Logrono / Agoncillo					23															23							00
ESP	401.0	COA	La Coruna						23																					05
ESP	404.0	LRD	Lerida		05		21					19					21							20						00
ESP	410.0	C	La Coruna											21			22												23	05
ESP	412.0	GRA	Granada												02		22	22											23	00
ESP	412.0	GRN	Gerona		05																			18						
ESP	416.0	SA	Santander						23																					
ESP	417.0	CVT	Madrid / Cuatro Vientos						23			19											19				00			04
ESP	417.0	SNO	Santiago		21								23	20			22													
ESP	421.0	GE	Madrid / Grinon		05		20							20				22					19	02	23					19
ESP	422.0	PAM	Pamplona				21				22	23	02		02		22	22	22				19		22				00	
ESP	424.0	RUS	Reus		20		21																							
EST	317.0	OZ	Kardla		20	04	22	22		20	22	19		20	00			20			18	19	22	02		18	19	22	19	
EST	366.0	U	Tartu																		17								19	
EST	386.0	O	Kardla	20		18	02		17	21				18							17	21	23	02		02	19	22		
EST	397.0	UM	Tartu / Ulenurme				22															21				02	19			
FIN	324.0	AS	Kemi / Tornio								19	19								00		19	18				00		04	
FIN	328.0	KIT	Kittila																			20					19			
FIN	333.0	G	Kemi-Tornio / Marttala			17			02			19		18								01	01	02			19			
FIN	336.0	M	Mikkeli																			22					19			
FIN	339.0	V	Kokkola / Kruunupyy						23											00		02		02		20	19		19	
FIN	344.0	L	Kittila / Hukkakumpu																	00							00			
FIN	346.0	MI	Mikkeli / Korpikoski			19															00	22	23			18	19			
FIN	352.0	PSJ	Seinajoki			20	02	21														22	23	02		02	19		19	

FIN	354.0	G	Ivalo / Palotievanniemi																			22					00		
FIN	364.0	B	Kittila / Pahtajanka																	00									
FIN	365.0	VS	Tampere / Pirkkala / Vesilahti			15	00	21		19											00	02		02			19		
FIN	373.0	KEM	Kemi-Tornio / Hirmula			20	01	21		20		19		19	22							03		02		22	19		19
FIN	374.0	S	Mikkeli			20			23												00	21				02	19		
FIN	380.0	TOL	Ivalo / Tolo																	00									
FIN	382.0	IJ	Ilmajoki																							00			
FIN	388.0	KRU	Kokkola-Pietarsaari / Kruunupyy						23					23						00			23	02			19		
FIN	398.0	ESS	Kokkola-Pietarsaari /Kruunupyy / Esse						23								21						23	02			19		
FIN	404.0	Y	Kemi-Tornio / Ketolanpera						23													21	17				19		
FIN	408.0	O	Ilmajoki																								19		
FRA	286.5	TA	Villacoublay / Velizy										11				10	22	00										
FRA	288.5	AVD	Avord										06										04						
FRA	291.0	WS	Grenoble / St Geoirs		19	20	21		23	03																	03	01	
FRA	299.0	BO	St Etienne / Boutheon				02																		01				
FRA	302.0	ROM	Rodez / Marcillac		19	03		23				19	22					22	23					02					
FRA	306.5	AV	Avord											21															
FRA	309.0	DO	Dole / Tavaux					21					22			00		22	23						00			23	
FRA	315.0	HOL	Villacoublay / Velizy		20		03	22				19	11	18		11	10	20	11					02	00			22	
FRA	317.0	VS	Valenciennes / Denain										11			11	10		11										
FRA	318.0	BE	Bordeaux / Merignac																						00				
FRA	320.0	LSU	Limoges / Bellegarde															23											
FRA	320.0	TY	Troyes / Barberey									19	11			11			11										
FRA	320.0	VE	Valence / Chabeuil		20		22										23								00			22	
FRA	321.0	ABY	Albert / Bray			02						19	11				11		11									22	
FRA	321.0	TL	Tarbes / Ossun / Lourdes																						00				
FRA	322.0	ORS	Orleans / St Denis De L"Hotel															20											
FRA	322.0	RL	La Rochelle / Ile De Re					20			19	19				23								02				22	
FRA	322.0	TLN	Hyeres / Le Palyvestre				22																		00				
FRA	323.0	AB	Albi / Le Sequestre		20	04	22																03		00			22	
FRA	326.0	LM	Le Mans / Arnage		20						19	19	11			23	11	23	11					02	00			22	
FRA	327.0	MVC	Merville / Calonne		20		22		17	20	19	19			01	11	11		11	00				02			00	22	
FRA	330.0	MB	Montbeliard / Courcelles								19														00				
FRA	331.0	TUR	Tours / Val De Loire		20		23				19		11											02	23				
FRA	332.0	LL	Lille / Lesquin					23			19	19	11	18	17	11		20	11										
FRA	332.0	TLF	Toulouse / Francazal		04		23																		23			22	04
FRA	334.0	POY	Paris / Orly									19	11																
FRA	338.0	NC	Nice / Cote D"azur		04		23	20																	23				
FRA	339.0	FG	Montpellier / Mediterranee			20	23																		23				
FRA	339.0	GI	Amiens / Glisy										11																
FRA	341.0	AMB	Amboise										11																
FRA	342.0	VA	Vannes / Meucon															21											
FRA	343.0	AR	Aurillac																						22				
FRA	345.0	CS	Carcassonne / Salvaza																						22				
FRA	345.0	LN	Lannion / Servel										11					21	11										
FRA	346.0	CH	Chambery / Aix-Les-Bains				23																		22				
FRA	346.0	LHO	Le Havre / Octeville								22	19	11			11		21	11									22	
FRA	347.0	CVT	Chalons / Vatry			19	00	23			19	19		18				21						02	22	19		23	02
FRA	348.0	CL	Cahors / Lalbenque								22													02	22			22	
FRA	351.0	BSC	Brive / Souillac									19													22				
FRA	351.0	DSA	Dieppe / St Aubin										11			11	09	22	11							21			
FRA	353.0	BN	Basle / Mulhouse / Habsheim																										19
FRA	353.0	SB	St. Brieuc / Armor									19		21			10												
FRA	354.0	MTZ	Metz / Nancy-Lorraine							20	18	19	22		00		19	21	20							00		00	19
FRA	354.0	NG	Nimes / Garons			20	00																01		21				
FRA	356.0	CVU	Castres / Mazamet					21																					
FRA	357.0	LP	Cholet / Le Pontreau								19	19	12			23		21										22	
FRA	358.0	LT	Le Touquet / Paris-Plage								20		12					21	11										
FRA	358.0	RNN	Roanne / Renaison			20	00																		21				
FRA	359.0	LOR	Lorient / Lann Bihoue				02						12				18							02					
FRA	361.0	NB	Bordeaux / Merignac			20	00	22			20						19								21				
FRA	363.0	PI	Poitiers / Biard								22		12												20			22	
FRA	364.0	PU	Pau / Pyrenees								22	19	03												20				
FRA	367.0	ASM	Clermont-Ferrand / Auvergne				01		17			19					19												
FRA	368.0	TLB	Toulouse / Blagnac				01					19													20				
FRA	369.0	CM	Avignon / Caumont			20	01																		20				
FRA	369.0	GL	Nantes / Atlantique								22							21						02				22	

FRA	370.0	BSV	Besancon / La Veze			20	01																		20				
FRA	372.0	PY	Le Puy / Loudes				01																						
FRA	373.0	MP	Cherbourg / Maupertus								21		12					21	21										
FRA	374.0	BGC	Bergerac / Roumaniere				01				21	19	22				20	21											
FRA	375.0	BRG	Bourges																									00	
FRA	376.0	BS	Bale / Mulhouse			21	20																						
FRA	378.0	LU	Le Luc / Le Cannet				01																						
FRA	379.0	EB	St Etienne / Boutheon			17	01				21	19					23						02	02	17				
FRA	380.0	RQ	Quimper / Pluguffan								21																		
FRA	383.0	MAR	Marseille / Provence			18	02		17															02	17				
FRA	384.0	AT	Annecy / Meythet																						17				
FRA	384.0	PMR	Pamiers / Les Pujols			18																							
FRA	385.0	CSC	Cannes / Ile de Leirins			18	02																		17				
FRA	385.0	OAN	Orleans / Bricy									19	12																
FRA	387.0	BGP	Brest Guipavas									19	12				21									00	00		19
FRA	387.0	ING	St. Inglevert												11			21	11		17								
FRA	387.0	RZ	Rodez / Marcillac	20				03		21				23										02	22				
FRA	388.0	BR	Lyon / Bron														21								22				
FRA	389.0	PX	Perigueux / Bassillac							22	21							21											
FRA	390.0	DR	Dinard / Pleurtuit-St Malo								21	19	12		00	00		21	11									00	
FRA	390.5	ITR	Istres / Le Tube																										22
FRA	391.0	BV	Beauvais / Tille									19	12						11					02					
FRA	391.0	CC	Chalon / Champforgeuil				03																					00	
FRA	392.0	AS	Angers / Avrille				03				21	19	12											02				22	
FRA	393.0	BD	Bordeaux / Merignac				03				21																	22	
FRA	394.0	NV	Nevers / Fourchambault					21																	21				
FRA	395.0	OB	Marseille / Provence	22				21																02	21				
FRA	397.0	BLB	Blois / Le Breuil							22	21	19																	
FRA	397.0	EG	Grenoble / St Geoirs	22																					21				
FRA	398.0	LPD	Montlucon / Gueret															21							21				
FRA	398.0	LRN	Lorquin / Xouaxange							22		19																	
FRA	398.0	MT	St Nazaire / Montoir								21																		
FRA	400.0	AG	Agen / La Garenne			19	21				21		23												21			23	
FRA	401.0	LA	Laval / Entrammes								21		12		02			21											
FRA	402.0	DA	Ales / Deaux									19																	
FRA	403.0	VZ	Vichy / Charmeil								21														20			23	
FRA	404.0	AGO	Angouleme / Brie Champniers								21																		
FRA	404.0	CNE	Caen / Carpiquet										12																
FRA	404.0	MRV	Merville / Calonne			19										11			11					02					
FRA	406.0	MJ	Marseille / Provence			19								22											18				
FRA	406.0	TW	Toulouse / Blagnac				21		17														21				00	23	
FRA	410.0	ETN	Etain / Rouvres								20	19													17				
FRA	412.0	SE	Strasbourg / Entzheim								20	19	23						02										
FRA	413.0	ALM	Aix Les Milles	22		19	19	21			20	19		19									23		17		00		00
FRA	415.0	TOE	Toulouse / Blagnac	21	21	17	19		17		22		23	22										02				23	
FRA	417.0	AX	Auxerre / Branches				20				20							22											
FRA	418.0	MK	Calais / Dunkerque								21	19			20	11			11								00	23	
FRA	418.0	SAL	Sainte Leocadie	22	21	02			17																				
FRA	419.0	EMT	Epinal / Mirecourt	22	21			19		23	20		23	20	02	02	22	23						02					
FRA	423.0	TS	Toulouse / Blagnac		20							19													22			23	
FRA	424.0	PHG	Phalsbourg / Bourscheid			17				20	21	19			00		22	22						02	22		00	00	
FRO	337.0	MY	Myggenaes			01	23					19						20					01			19	00	23	
FRO	348.0	VG	Vagar									19																	
GDL	385.0	PTP	Pointe a Pitre																										05
GEO	342.0	VP	Tbilissi / Lochini						23											23									
GEO	353.0	BT	Ali						17																				
GRC	307.0	THR	Santorini / Thira						23											00									
GRC	345.0	THS	Thessaloniki / Makedonia																	00									
GRC	351.0	ALP	Alexandropoulis						23																				
GRC	362.0	LSA	Larissa			15	00							18										02	20				00
GRC	419.0	LRO	Leros						23																				
GRL	372.0	OZN	Prins Christian Sund / Kitaa			01					22		22		05			21											05
GRL	382.0	SF	Sondrostrom / Kangerlussuaq																				00						
GSY	383.0	ALD	Alderney							21	20	19	12	19	21	00	20	21	11				08			20	00	00	
HNG	295.0	DC	Debrecen		19			23		22		19		01		21		19		00			03	02					04
HNG	326.0	C	Debrecen			04																	20						
HNG	343.0	TEST	Budapest / Ferihegy					17													00								

HNG	383.0	EN	Debrecen																	23	17									
HNG	400.0	BC	Bekescsaba																	00	17		23							
HNG	412.0	PP	Pecs			16		19																		21				
HOL	330.0	SO	Eelde / Groningen										11		01	11		23												
HOL	332.0	NV	Amsterdam / Schiphol			20				22							22							02						
HOL	350.5	ROT	Rotterdam										11											02						
HOL	357.0	VZ	Eelde / Groningen																11											
HOL	369.0	PS	Rotterdam Locator										12						11											
HOL	373.0	NW	Maastricht / Beek														20													
HOL	386.0	STD	Stad Aan Het Haringvliet										12						11											
HOL	388.5	CH	Amsterdam / Schiphol										12			11			11											
HOL	395.0	OA	Amsterdam / Schiphol / Assendelft							22			12						11											
HOL	397.0	EHN	Eindhoven										12				21							02						
HRV	289.0	RI	Rijeka / Krk				21	17	17	00						00		21	00	00			01	02	01					19
HRV	316.0	TNJ	Tounj					17				19		18									23							00
HRV	318.0	KLP	Dubrovnik / Kolocep			04								21						23			22							00
HRV	320.0	VL	Pula / Valtura											20																
HRV	325.0	VG	Zagreb / Pleso / Velika Gorica					17																02						19
HRV	330.0	ZRA	Zadar / Kakman					20												00										
HRV	344.0	VAR	Varazdin																				01							
HRV	350.0	SK	Zagreb / Pleso / S. Kraljevec											19																
HRV	351.5	PLA	Pula							23																				
HRV	367.0	ZAG	Zagreb	16	05	15		18						18				21				21	22		20					19
HRV	369.0	VRS	Vrsar											19		23														
HRV	372.0	CE	Osijek / Cepin											19											20					
HRV	378.0	TRI	Split / Trogir																						17					
HRV	385.0	BO	Zadar / Bokanjac											22																
HRV	397.0	CV	Dubrovnik / Cavtat			19																	01							
HRV	400.0	BRZ	Rijeka / Krk / Breza					18						19								21								
HRV	414.0	GR	Dubrovnik / Gruda					21		01				20										02						
HRV	418.0	DVN	Split / Drvenik				20	19									22			00										
HRV	422.0	OSJ	Osijek			17		19		20				20		03				00		21		02		01	00			19
HRV	424.0	PIS	Zagreb / Pleso / Pisarovina	20				19					23	20		03			22			18				01				
IOM	359.0	RWY	Isle Of Man / Ronaldsway								20			18	05			21					01					12	02
IRL	316.0	OE	Dublin												00	11	10	20										12	
IRL	334.0	GMN	Gormanston								22				16	11		20	11									12	
IRL	334.0	KER	Kerry / Farranfore						23								22												
IRL	339.0	OL	Shannon														23						21						
IRL	361.0	CFN	Donegal / Carrickfin						23	22		19	22	18	05	23			20				02			23	00	12	19
IRL	364.0	KNK	Connaught																									12	
IRL	368.0	WTD	Waterford														19	21	20										
IRL	378.0	KLY	Killiney for Dublin						23		21					11	20	21										12	
IRL	384.0	SLG	Sligo								21	19			17	11		21										12	
IRL	387.0	CML	Clonmel												21													12	
IRL	395.0	FOY	Foynes for Shannon												00														
IRL	397.0	OP	Dublin												02	11		21										12	
IRL	398.0	OK	Connaught																11									12	
IRN	276.0	JIR	Jiroft																	00							21		
IRN	280.0	ARK	Arak																	00							20		
IRN	309.0	ISR	Iranshar						22											23									
IRN	310.0	GGN	Gorgan						17											00									
IRN	321.0	ZAJ	Zanjan						17											00							19		
IRN	337.0	IFN	Esfahan / Shahid Beheshti Intl						17											00									
IRN	355.0	ARB	Ardabil				21		17					23						00		21	01				19		19
IRN	362.0	DNZ	Dasht-e-Naz / Sari						17																				
IRN	365.0	AJ	Aghajari																	00									
IRN	366.0	SNJ	Sanandaj						22											00									
IRN	370.0	UMH	Uromiyeh						17											22									
IRN	373.0	VR	Teheran / Mehrabad / Varamin						23											00									
IRN	376.0	SKD	Shahre Kord						17											00		01					19		
IRN	385.0	MSD	Mashhad						23											00		21							
IRN	393.0	RST	Rasht						17					22						22			01				19		19
IRN	395.0	TBS	Tabas			19			17					20						00		21					19		19
IRN	402.0	YZD	Yazd Shahid Sadooghi						23											23									
IRN	408.0	SAV	Savh for Mehrabad Intl						23											22									
ISL	335.0	VA	Egilsstadhir / Vad						02																				
ISL	345.0	HL	Vestmannaeyjar / Helgafell																				01						19

ISL	348.0	HA	Vopnafjordhur / Hofsa						23														22						
ISL	373.0	TN	Thorshofn																				00						
ISL	375.0	VM	Vestmannaeyar							20				19									00	02					05
ISL	392.0	KF	Keflavik												21	02	23	21											
ITA	292.0	NOV	Novara (NO)				21																	02	01				
ITA	301.5	TRE	Treviso (TV)			19	21		17	21													03				22		
ITA	312.0	TAQ	Tarquinia (VT)																				20						
ITA	324.0	PTC	Salerno / Pontecagnano				22																	02					
ITA	325.0	RCA	Reggio di Calabria (RC)											21									19						
ITA	327.0	OST	Roma / Ostia (RM)			20																			00				
ITA	330.0	SRN	Saronno (VA)		04																								
ITA	331.0	GRT	Grottaglie (TA)			17				22				21						23									
ITA	333.5	VOG	Voghera (PV)	21							22														23			23	02
ITA	342.0	PES	Pescara							00				20															
ITA	343.0	GRA	Grazzanise (CE)				23			03				19															
ITA	345.0	TZO	Trezzo sull"Adda (MI)	19																									
ITA	350.0	BLA	Cerrione (BI)																						22				
ITA	357.5	FAL	Falconara Marittima (AN)							19																			22
ITA	364.0	MAL	Gallarate / Malpensa (VA)	20		20		22								23	19							02					
ITA	371.0	LEV	Savigliano / Levaldigi (CN)	20		20	01							20		23													
ITA	374.5	ANC	Ancona (AN)	20						23				19					21										
ITA	376.5	ORI	Orio al Serio (BG)							19																			
ITA	379.0	PIS	Pisa (PI)					21	17	00			03	19		23			21	23							00	01	19
ITA	382.0	GAZ	Gazoldo degli Ippoliti (MN)			18	02					19		19			20												
ITA	390.0	AVI	Aviano (PN)	22	05	16	03										21			23	17		23						
ITA	392.5	TOP	Torino / Poirino (TO)	21																									
ITA	396.0	RON	Ronchi dei Legionari (GO)		05					19														02					19
ITA	398.0	PRU	Perugia / San Egidio					18						23		02				22	17								
ITA	400.5	COD	Codogno (LO)	22	05																								19
ITA	401.0	BPL	Bari / Palese (BA)			21		18		22				19		02							23	02					
ITA	405.0	VIE	Vieste (FG)													02							20						
ITA	417.0	VIC	Vicenza (VI)													02				23					10				
ITA	418.0	SVC	Aosta																						10				
ITA	420.0	ABN	Albenga (SV)																						10				
ITA	425.0	MMP	Gallarate / Malpensa (VA)	20	20																								
JOR	399.0	MDB	Amman / Queen Alia Intl / Madaba						23											22				02			00		
JSY	329.0	JW	Jersey									19	11				11	20	11										
KAL	410.0	K	Kaliningrad / Khrabrovo																		17		02	02					
LBY	317.0	KFR	Kufra						23																				
LBY	330.0	OA	Samah / Warehouse 59						23																				
LBY	357.0	RJ	Tripoli / Mitiga			20			23											00									
LBY	390.0	OV	Nafoora M4																					02					
LBY	392.0	LAB	Labraq / El Beida						23											22							00		
LBY	400.0	ZT	Agip C97						23															02					
LBY	403.0	MB	Marsa Brega																	00							00		
LTU	343.0	KUS	Kaunas / Karmelava			19					22				00	23	23	22				22	01	02		01	19		19
LTU	385.0	AVN	Vilnius														21				17		23	02			19		
LTU	407.0	PN	Palanga							22		19		19	02	02			22		17	21		02		00			
LUX	307.0	DIK	Diekirch		20		21	17		20	22	19	11	18	00	23	22	20	11		18		01	02	01	19		23	19
LUX	346.0	WLU	Luxembourg					18		20							23							02					19
LUX	404.0	LW	Luxembourg					18										21											
MDR	338.0	PST	Porto Santo / Ilheu De Baixo						23					19	05								22						19
MKD	295.0	PT	Skopje			03	18		17										00								00		
MKD	297.0	PEP	Prilep							21										00			03		01				
MLT	395.0	MLT	Malta				03																23						
MNE	302.0	NIK	Niksic						23	23				21		22				00			22		01		00		
MNE	308.0	MOJ	Mojkovac			03	21	22	21	04		19	00					00	20	00			01		00				19
MNE	312.0	DAN	Danilvograd For Podgorica																						00				
MNE	420.0	GO	Podgorica																			02							
MRC	275.0	CAE	Ben Slimane						23			02	00				23	00									00	21	22
MRC	282.0	NSR	Casablanca / Mohamed V						23			23	00					23									00	21	22
MRC	345.0	CSD	Daouarat						23					22	00													23	
MRC	409.0	IFN	Ifrane						23																				00
MRT	329.0	FOF	Fort De France																										05
NGR	293.0	ARL	Arlit						23														03	02					
NIR	328.5	EGT	Londonderry / Eglinton														11						20			01			
NIR	420.0	HB	George Best Belfast City Airport								22	19	21		02	11	22	22	11				19			00	00	12	

NOR	275.0	PG	Banak / Porsang																	17									
NOR	283.0	KBV	Kobbevag For Tromso / Langnes																	02							00		
NOR	284.5	LVK	Namsos / Leirvika																			20							
NOR	288.0	AD	Sandane Anda						23																				
NOR	299.5	KN	Svolvaer / Helle / Skrova						23	04		19	00	20		23	23	23	23	00			19				00		19
NOR	303.0	KPG	Sogndal / Haukasen / Kaupanger						21	00	22	19	00		23	00	23	20	00				00			19	00		19
NOR	319.0	VAR	Stavanger / Sola / Varhaug		19	04	22	20		20	19		11	18	00	11	11	20	11	00	18	23		02		00	00	22	
NOR	324.0	HE	Notodden / Heddal										22													01			
NOR	336.0	RS	Roros				23					19	21		00				23				01						
NOR	342.0	LL	Leirin / Fagernes				23	20				19			00		23					02	01	02		01		22	
NOR	345.0	BN	Kristiansand / Kjevik / Birkeland				21				22						23												
NOR	345.0	STM	Strommen / Mo I Rana									19																	
NOR	349.0	TAR	Orland / Tarva			20						19						21				21				17			
NOR	358.0	ALA	Alta																	02									
NOR	358.0	GRK	Trondheim / Vaernes / Grakallen							20		19		18	00														
NOR	360.0	ULV	Bronnoysund / Ulvingen								20	19																	
NOR	362.0	BVK	Orsta-Volda / Hovden / Baatvik							22		19			00		19									02			
NOR	366.0	UTH	Orland / Uthaug			20		21		22		19	22	18	21				20				22	02			19		
NOR	369.0	STG	Stegen																							02			
NOR	371.0	BRS	Bremsnes for Kristiansund / Kvernberget								22	19	22		00			21				21	22				00	22	
NOR	372.0	ODR	Kristiansand / Kjevik / Odderoy							21		19							11			01		02			00	22	
NOR	374.0	BL	Forde / Bringeland												05								00					00	
NOR	378.0	HTK	Sorkjosen / Hestvik																			03							
NOR	378.0	RSY	Stavanger / Sola / Rennesoy			17						19														02	00		
NOR	380.0	FLR	Trondheim / Vaernes / Flornes									19	23																
NOR	381.0	RG	Rygge / Tune			17					22	19	21	20	05	00	20		21		17	01				02	00	00	
NOR	389.0	HN	Orsta-Volda / Hovden					21				19			21				21							23		22	
NOR	393.0	TAT	Molde / Aro / Tautra			19		23		03					21	02						21				23			
NOR	396.0	YG	Rygge / Enge				21	23			21	19	23		21	02	21		22		17	01				02	00	22	
NOR	401.0	RBU	Roros / Rambu														21			00		01					19		
NOR	404.0	VNG	Vangsnes												02											03			
NOR	414.0	HD	Sandnessjoen / Stokka / Hestad				20								02	02	22					21	22					01	
NOR	414.0	SJA	Bardufoss / Senja																							21			
ORK	395.0	KW	Kirkwall / Orkney Isl.													11										00			
PAK	369.0	MH	Minhas Air Base																	00									
PAK	387.0	MT	Multan																	00									
PAK	390.0	RS	Risalpur						17																				
POL	280.0	ND	Swidwin																							23			
POL	290.0	NO	Oksywie																		16								
POL	345.0	NB	Malbork													23					00	02		02					
POL	375.0	CHO	Chociwel																			03				02			
POL	385.0	NWT	Leczyca		05			18		20	21				05			21								02			
POL	397.0	OL	Szczecin / Golienow					21													17								
POL	423.0	M	Cewice																		17								
POR	371.0	STR	Sintra																										05
POR	382.0	LAR	Arruda						23		21				05	00			21								00	00	05
POR	425.0	EVR	Evora						23		20	19	23		23		22		22				19					23	
PTR, PR	391.0	DDP	San Juan / Dorado / Luiz Munoz Marin Intl						23					22	05	02	00						04						06
ROU	318.0	OTR	Bucuresti / Otopeni						17																				
ROU	338.0	TIM	Timisoara																	00	00								
ROU	349.0	OPE	Bucuresti / Otopeni				00							20							00		01				19		19
ROU	351.0	ISI	Iasi											22						00	00								19
ROU	360.0	O	Oradea	20				18																					
ROU	373.0	D	Tirgu Mures													23					17								
ROU	378.0	TA	Timisoara / Giarmata											22															
ROU	381.0	SIB	Sibiu / Turnisor				02	17		01													23	02					19
ROU	384.0	IAS	Iasi											23															19
ROU	404.0	BMR	Baia Mare							22				23						00	17								
ROU	408.0	TSR	Timisoara / Giarmata			19	23							00		02							21						
ROU	418.0	ORA	Oradea							23			23	19				22			17	21	19			01			19
RSE	290.0	XZ	Tyumen / Roshchino						23																				
RSE	315.0	TM	Roschino / Tyumen						21														23				19		
RSE	412.0	KS	Balandino						17												17								
RUS	286.0	R	Penza																			22							
RUS	286.0	W	Penza						23			02								23									
RUS	287.0	AZ	Samara / Kurumoch						23											01							01		
RUS	288.0	K	Pushkin																								03		

RUS	289.0	WR	Chertovitskoye / Voronezh			01																22					19		
RUS	294.0	GT	Moscow / Vnukovo																	00									
RUS	294.0	YU	Shaykovka																								19		
RUS	297.0	BA	Shatalovo		19		21							20								22					19		19
RUS	304.0	DP	Ukhta																								19		
RUS	307.0	LA	Lazarevskoye			02																							
RUS	307.0	VA	Dobrinskoye																								19		
RUS	315.0	CK	Kusshevskaya			02																							
RUS	315.0	G	Astrakhan / Narimanovo																	23									
RUS	320.0	DM	Moscow / Domodedovo						17											00							19		
RUS	324.0	RF	Ladozhskaya						17																				
RUS	326.0	PU	St Petersburg / Pulkovo				23	23		03																			
RUS	332.0	LS	Ulyanovsk / Vostochny						23											00	00	22					19		
RUS	334.0	A	Arkhangelsk / Talagi																								19		
RUS	335.0	FV	Venev					22		23				20								02					19		19
RUS	337.0	UP	Zenzeli																										21
RUS	338.0	A	Moscow / Sheremetyevo																								19		
RUS	342.0	PK	St.Petersburg																		00						19		19
RUS	345.0	PW	Syktyvkar																								19		
RUS	350.0	A	Belgorod																								19		
RUS	350.0	UK	Yukhnov			20																22				22			
RUS	358.0	O	Stavropol / Shopakovskoye																					02			00		
RUS	360.0	BD	Bogdanovo							17										00	17					02	19		
RUS	360.0	TS	Zadonsk			20	00															21							
RUS	370.0	NK	Nizhnekamsk / Begishevo																			21					19		19
RUS	375.0	BW	Balakovo						23																		19		
RUS	375.0	DB	Pochinok																	00	17								
RUS	377.0	KR	Krasnodar / Pashkovskiy						23											23									21
RUS	380.0	BW	Moscow / Sheremetyevo																								19		
RUS	400.0	D	Lipetsk																								19		
RUS	405.0	UM	Ivanovskoye																	00	17	21					19		19
RUS	410.0	SF	Cherusti			19	21		23	23					04							21				00	19		
RUS	414.0	SB	Sambek			02			23											00							19		19
RUS	415.0	DR	Skurygino																	00							19		
RUS	420.0	SHF	Michurinsk			17																							
SAR	316.0	CAL	Cagliari / Elmas			03	03																		00				
SAR	357.0	SME	Olbia / Costa Smeralda (SS)				21																22		21				
SAR	402.0	CAR	Villasimius / Capo Carbonara (CA)	22			21	21															21		21		00		
SCT	316.0	BRR	Barra							03									21							01			
SCT	331.0	GLW	Glasgow					20							16	11	22	20								22	00	12	
SCT	341.0	EDN	Edinburgh							03						11	23	21	11									12	
SCT	344.0	WCK	Wick								22	19	22		00	11		21								19			
SCT	348.0	ATF	Aberdeen / Dyce												00	11	23	21	11										
SCT	355.0	PIK	Prestwick								22	19				11										02		12	
SCT	368.0	UW	Edinburgh													11												12	
SCT	380.0	CBL	Campbeltown													21		21	11									12	
SCT	394.0	DND	Dundee								21	19	23			11	21	21	11					02		02		12	
SCT	395.0	LAY	Islay								21	19					21	21										12	
SCT	401.0	BBA	Benbecula									19							22							03		12	
SCT	404.0	OBN	N. Connell / Oban																									12	
SCY	407.0	CTF	Catania (CT)			19																							
SCY	412.0	SIG	Sigonella (CT)				20									02							23				00		
SHE	315.5	SS	Scatsta							03	22																		19
SPM	386.0	SP	St. Pierre																										05
SPM	402.0	MQ	Miquelon (Grande Miquelon)																										05
SRB	294.0	VRA	Vrsac			03	20		21										03					02					
SRB	300.0	PV	Novi Sad / Cenej / Petrovaradin						17	23				00					03	00	16		03		01				02
SRB	320.0	PZ	Batajnica			04																							21
SRB	330.0	ML	Kraljevo			17																							
SRB	337.0	VRN	Vranje							23				22											23				
SRB	348.0	TPL	Topola	19		20		18		20				18															
SRB	355.0	OBR	Beograd / Obrenovac					18		23											00								
SRB	380.0	KN	Beograd / Krnjesevci					18		23											17	03							
SRB	390.0	VAL	Valjevo					18		20				20													19		
SRB	405.0	JST	Nis / Justic	22		19	22	18		20		19		19				23											
SRB	416.0	POZ	Beograd / Pozarevac		21					20	22	19	23	20				23	22	00					17	01	19	23	
SRB	420.0	BT	Batajnica				20	19		22				20															

SRB	423.0	ZO	Nis / Zitoradja	20		17		19	17	23										00						01	19		
SUI	335.0	BER	Bern / Belp	19		18																	01	02					
SUI	375.0	GLA	Gland for Geneva / Cointrain	20		20																			18				
SUI	403.0	LPS	Les Eplatures					21															22						00
SVB	326.0	ADV	Svalbard / Longyear / Advent.																	23									
SVB	371.0	NSV	Svea						23											00									
SVK	317.0	PPD	Poprad / Tatry																	00									
SVK	330.0	OB	Bratislava / M.R Stefanik / South	21										21							00								19
SVK	391.0	OKR	Bratislava / M.R Stefanik / North	16	05	16		18		21	21							21			17	03			22	02	19		
SVK	412.0	FS	Sliac	21						00												21		02					
SVK	418.0	PW	Poprad / Tatry West																					02					
SVK	425.0	KE	Kosice													03				00									
SVN	296.0	MG	Ljubljana		19	03	02	17	23	02		19	02	01		00		19	18	23			03				00	02	00
SVN	334.0	MR	Maribor	21				20																	23				
SVN	359.0	RK	Cerklje					18																					
SVN	388.0	PZ	Portoroz	20																									19
SWE	285.0	LCF	Linkoping / Malmen			21	21	22		23	23	19	00	21	00	00	22	20	23		18	20	21			23	00		
SWE	300.0	SC	Linkoping / Malmen And Saab		20	03	22				22	19	22		05	22	22	20								00	00		
SWE	309.0	LG	Satenas / Tune		20	03					22	19		20	00						18	20	02			00	00		
SWE	312.0	DJ	Ostersund/Froson									19			00	23		20	01			19							
SWE	312.0	KBG	Karlsborg			03	03																				00		
SWE	318.0	LP	Ronneby / Kallinge		20		22														18	19		02		00	00	22	
SWE	320.0	OL	Lycksele																			19	23			18			
SWE	322.0	OD	Ornskoldsvik												01							22	23			18	19		19
SWE	322.0	OU	Stockholm / Bromma		20	04				03				19							00								
SWE	324.0	ON	Norrkoping		20	04		22		03				22	01	23	18	23	21		00							22	
SWE	325.0	NUT	Hemavan																			01					00		
SWE	325.0	PG	Trollhattan / Vanersborg		20	04	22			03	19	19	20		00	23	18	23	21		00					01		22	
SWE	326.0	KG	Kramfors / Bjartra											20								02				21	00		
SWE	329.0	VX	Vaxjo / Kronoberg		21	17	23	17		22	19			20	01	23				00	00	22		02		01		22	
SWE	329.0	WU	Umea																								19		
SWE	330.0	LNA	Lena																			02				21	19		
SWE	330.0	SKS	Karlstad									19																02	
SWE	333.0	LE	Vasteraas / Hasslo		20		23						22		22		22		21	00	00					01			
SWE	335.0	NAK	Stockholm / Bromma / Nacka																		00								
SWE	336.0	LT	Halmstad			20		23		23	20			23		22	23				00					01			19
SWE	338.0	OA	Jonkoping			18																01		02		01			
SWE	341.0	NKS	Karlstad				23	22			22	19		22	00					02	00	02				01	00		19
SWE	348.0	WA	Stockholm / Arlanda				00														00	02				01			
SWE	349.0	JX	Vaxjo / Kronoberg					20							00					23				02				22	
SWE	351.0	OV	Visby	20		20		21			22				00							21		02				22	
SWE	362.0	NN	Eskilstuna / Kjula					01			22										00	02					19	22	
SWE	363.0	OEM	Kristianstad / Everod			20	00	21		22		19		20	00	11	19		20		00	02		02		02	00		
SWE	364.0	NW	Stockholm / Skavsta / Nykoping				01			19				20					20		00					02			
SWE	364.0	VNA	Vanja						23													21	22				19		19
SWE	366.0	KM	Kalmar				01				22					23	19									02		22	
SWE	366.0	UP	Uppsala																			03							
SWE	368.0	OY	Sveg																			03	22				19		
SWE	369.0	NL	Goteborg / Landvetter							21							20				00								
SWE	369.0	OO	Ornskoldvik																			21					19		
SWE	370.0	L	Lycksele									19																	
SWE	370.5	LB	Angelholm / Barkakra										03		01	11	20		20					02		22		01	
SWE	375.0	RB	Orebro				20					19					20												
SWE	377.0	KN	Norrkoping / Kungsangen			17	01	03		21				22			21		21							02			
SWE	377.0	SM	Mora / Siljan								22	19	22		00	00					18	21	02	02			19		
SWE	380.0	LF	Ronneby / Kallinge																					02		02			
SWE	384.0	TY	Torsby / Fryklanda							21									21		17	02				23	19		
SWE	388.0	COR	Corner for Bromma			18	02	21			21	19									17	03				02			
SWE	390.0	PAJ	Pajala																			01							
SWE	390.0	SS	Skovde																							23			
SWE	393.0	AB	Hagfors																		17								
SWE	394.0	NB	Bromma							05				19	00							01	22				19		
SWE	398.0	PEO	Stockhlom / Skavsta / Peola			19	22						23		21							21				03			19
SWE	399.0	FM	Trollhattan / Vanersborg			19	21				21	19			21		21				17					00			
SWE	400.0	EN	Orebro							03		19			21		21									03			
SWE	402.0	LX	Eskilstuna / Kjula							03				19			21				17					03			
SWE	403.0	OJ	Jonkoping			20	21			03		19	23	23	02	02	21	23	22			21		02		00			

Cou, S/P	QRG	ID	Name	AUT lk	CZE jk	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG ap	ENG bk	ENG hh	ENG im	ENG me	ENG px	ENG re	ENG yk	FIN jr	FIN ks	FIN ro	HOL rb	ITA ed	ITA wb	NOR gl	RUS iv	SCT ds	SCT lw
SWE	406.0	NV	Vilhelmina																			01							
SWE	409.0	SG	Satenas / Tune			19	21	18		22	20	19	23	20	02	02	22	23	22	00	17	21	23	02		03	00	00	
SWE	415.0	OL	Linkoping / Saab					21		23		19				02	22		02		17	21	19			03			
SWE	416.0	BCS	Baccus			02	19								02							21	02						
SWE	417.0	AH	Angelholm / Barkakra	20		17		19		21					02							21		02		01		23	
SWE	419.0	RD	Vasteras / Hasslo			17	20					19							22	02		20	02			03	19	23	19
SWE	421.0	BL	Borlange / Rommehed / Falun																			20					19		
SWE	421.0	MF	Halmstad			17		19		23		19			02		22				17					01		23	
SYR	396.0	ALE	Aleppo						17											00									
TKM	322.0	RP	Dashoguz						22											23									
TRD	323.0	TAB	Crown Point						23																				05
TUR	285.0	AN	Ankara / Esenboga						19																				
TUR	292.0	CAY	Caycuma						22											22									
TUR	316.0	GZP	Gazipasa						23															02					
TUR	319.0	MUS	Mus						22																				
TUR	325.0	CRM	Samsun / Carsamba						23											00									
TUR	336.0	HTY	Hatay						22											23									
TUR	346.0	DAL	Dalaman / Mugla						23											00									
TUR	347.0	SAB	Sabiha Gokcen						22											00									
TUR	349.0	IPT	Isparta / Suleyman Demirel						23																				
TUR	350.0	ORI	Ordu-Giresun						22																				
TUR	352.0	BRY	Yenisehir						23											22									
TUR	354.0	ERZ	Erzurum						23											23									
TUR	356.0	ANK	Ankara / Esenboga																	22									
TUR	359.0	KST	Kastamonou						23											00									
TUR	363.0	CIG	Izmir / Cigli / Kaklic						17											22			02						21
TUR	368.0	EDR	Edremit / Korzef						23																				
TUR	372.0	ESR	Eskisehir / Anadolu																	22									
TUR	381.0	KHD	Kahta / Adiyaman						22											00									
TUR	384.0	BNG	Bingol						22											23									
TUR	389.0	BDR	Bodrum / Milas																	22				02					
TUR	391.0	GAP	Sanliurfa / Gap																	22									
TUR	397.0	VAN	Van						23					23						22									
TUR	405.0	ME	Izmir / Adnan Menderes						17																				
TUR	407.0	KSR	Kayseri / Erkilet						23											22									
TUR	411.0	RNA	Sirnak						23																		19		
TUR	413.0	GEY	Antalya						23																				
TUR	420.0	YKV	Hakkari-Yuksekova																	22									
TUR	421.0	ERH	Erhac / Malatya						01											22									
TUR	422.0	CNK	Canakkale						17																				
TUR	424.0	SEL	Efes / Selcuk						17											22									
TUR	425.0	BUK	Ankara / Cubuk																										21
UKR	285.0	N	Simferopol																	23									
UKR	290.0	IF	Ivano-Frankovsk		19							03												02					
UKR	309.5	TR	Mys Tarkhankutskiy Lt.				22																						
UKR	310.0	NO	Kiev / Borispol			03				22																	19		
UKR	334.0	VI	Verchnie Vysotske		20	17	23							22							00		01						19
UKR	335.0	DP	Dnipopetrovsk																	00									
UKR	348.0	OD	Odessa / Central																	00							19		19
UKR	425.0	PI	Pii																			18					19		
VCT	302.0	CAI	Canouan Island																										03
WLS	323.0	WPL	Welshpool								19			18	01	11	11												
WLS	340.0	HAW	Hawarden								19	19	11		00	11		21										12	
WLS	388.5	CDF	Cardiff							21					21													00	
XOE	333.0	GFC	Statoil Gullfaks C Platform															23											
XOE	340.0	HEI	Heidrun			19																01				19	00		
XOE	353.0	OBA	Oseberg A platform																			22							
XOE	354.0	BHM	Bleo Holm													11													
XOE	358.0	LF4H	Heimdal Platform																									22	
XOE	359.0	BUZ	Buzzard / Nexen Platform			20				21		19				11			11							02	00		
XOE	375.0	EKO	Ekofisk L										12		05	11			11										
XOE	410.0	3EYH5	Aegir										12					22	11										
XOE	410.0	9HUJ9	Apache II													11													
XUU	403.0	TEST	UNID - M-403 (HNG) ???																		17								

COUNTRIES HEARD:

This table shows the number of NDBs logged from each radio country by each reporter.

Cou	Cou-Name	AUT lk	CZE jk	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG ap	ENG bk	ENG hh	ENG im	ENG me	ENG px	ENG re	ENG yk	FIN jr	FIN ks	FIN ro	HOL rb	ITA ed	ITA wb	NOR gl	RUS iv	SCT ds	SCT lw
AFG	Afghanistan																	1									
ALG	Algeria			1	3		2								1			1			3		1		2	1	2
ATG	Antigua & Barbuda						1						1								1						1
AUT	Austria	7	2	3	2	9	1	4	1	1	1	4	1	2	3	2	1	7	4	4	3	5	5	4	3	1	5
AZR	Azores						3					2	2		1						3						3
BAL	Balearic Islands	1	2	2	5	1	1				1										1		1		1		1
BEL	Belgium		1	3	2	1	1	3	4	2	8	4	4	5	3	7	7				1	3		1	1	4	2
BIH	Bosnia-Hercegovina	1		1	2	4		3				4			1	1		1	1		1		3				1
BLR	Belarus											1		1					1	1		1			1		
BOT	Botswana						1																				
BRA	Brazil																										2
BRI	Bear Island (Bjornoya)																	1							1		
BUL	Bulgaria	1	1	2	3	2	3	3	1	1	2	3	1	1	2		1	2	2		2	2	1	1	1	1	4
CAN	Canada, MB						1											1							1		
CAN	Canada, NB						1						1														2
CAN	Canada, NL			1			4	3		2	2	3	3	3	2	2	1				6					2	5
CAN	Canada, NU						2							1		1		3			5						
CAN	Canada, QC			1			4	1		1	1	2	1	1	1	1	1				6					1	4
CHN	China						1																				
CLM	Colombia																										1
CNR	Canary Islands						2					2	1	1							3				1	1	3
COR	Corsica	1		2	1	1	1	1													1		3				
CYM	Cayman Islands												1														1
CYP	Cyprus						2											2									
CZE	Czechia		3			3		1				1		1	2			1	1	1		1		1			1
DEU	Germany	4	15	7	2	28	1	19	6	5	8	5	6	7	12	12	16	6	11	1	3	20		13	4	6	3
DNK	Denmark		1	2		1		3	2			3	5	3	4		5	1	3	1	1	8			1		2
ENG	England			1	1		1	4	22	17	24	1	12	19	9	15	20		1		2				4	10	1
EQA	Ecuador												1														1
ESP	Spain		7	2	10	1	3		2	4	3	3	2	1	7	4	1				6	1	5		1	3	10
EST	Estonia	1	1	2	3	1	1	2	1	1		2	1			1			3	3	2	2		3	3	2	2
FIN	Finland			6	3	3	6	2	1	3		3	1		1			6	3	12	7	7		6	16		4
FRA	France	7	14	23	36	14	7	9	38	34	36	10	8	16	19	27	22	1	1		6	20	45	4	7	29	7
FRO	Faroe Islands			1	1					2						1					1			1	1	1	
GDL	Guadeloupe																										1
GEO	Georgia						2											1									
GRC	Greece			1	1		3					1						2				1	1				1
GRL	Greenland			1					1		1		1			1					1						1
GSY	Guernsey							1	1	1	1	1	1	1	1	1	1				1			1	1	1	
HNG	Hungary		1	2		3		1		1		1		1		1		3	3		3	1		1			1
HOL	Netherlands			1				2			7		1	2	3	1	5					3					
HRV	Croatia	2	1	4	2	10	1	4		1	1	12		4	1	2	2	5		4	6	4	4	2	1		6
IOM	Isle Of Man								1			1	1			1					1					1	1
IRL	Ireland						3	1	3	2	1	1	7	6	5	6	4				2			1	1	9	1
IRN	Iran			1	1		15					3						17		4	2				7		3
ISL	Iceland						2	1				1	1	1	1	1					4	1					2
ITA	Italy	9	5	8	7	4	2	10	1	1	1	10		7	3		2	5	2		6	5	7		2	2	5
JOR	Jordan						1											1				1			1		
JSY	Jersey									1	1				1	1	1										
KAL	Kalinigrad																		1		1	1					
LBY	Libya			1			5											3				2			2		
LTU	Lithuania			1				1	1	1		1	2	2	2	1	1		2	2	2	3		2	2		1
LUX	Luxembourg		1		1	3		2	1	1	1	1	1	1	2	2	1		1		1	2	1	1		1	2
MDR	Madeira						1					1	1								1						1
MKD	Macedonia			1	1		1	1									1	1			1		1		1		
MLT	Malta				1																1						
MNE	Montenegro (Yugoslavia)			1	1	1	2	2		1	1	1		1		1	1	2		1	2		3		1		1
MRC	Morocco						4			2	2	1	1		1	2									2	3	3
MRT	Martinique																										1

Cou	Cou-Name	AUT lk	CZE jk	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG ap	ENG bk	ENG hh	ENG im	ENG me	ENG px	ENG re	ENG yk	FIN jr	FIN ks	FIN ro	HOL rb	ITA ed	ITA wb	NOR gl	RUS iv	SCT ds	SCT lw
NGR	Niger						1														1	1					
NIR	Northern Ireland								1	1	1		1	1	2	1	1				2			2	1	1	
NOR	Norway		1	6	6	6	3	8	7	17	10	5	15	7	10	5	9	6	3	12	8	4		14	11	9	2
ORK	Orkney Islands													1										1			
PAK	Pakistan						1											2									
POL	Poland		1			2		1	1				1	1		1			4	2		1		3			
POR	Portugal						2		2	1	1		2	1	1		2				1				1	2	2
PTR	Puerto Rico, PR						1					1	1	1	1						1						1
ROU	Romania	1		1	3	2	1	3			1	7		2		1		3	6	1	4	1		1	1		5
RSE	Russia (Eastern)						3												1		1				1		
RUS	Russia (European)		1	8	4	2	9	4		1		2	1					12	5	10		1		3	25		8
SAR	Sardinia	1		1	3	1															2		3		1		
SCT	Scotland					1		2	4	5	2		3	8	5	7	6					1		6	1	9	
SCY	Sicily			1	1									1							1				1		
SHE	Shetland Islands							1	1																		1
SPM	St Pierre Et Miquelon																										2
SRB	Serbia (Yugoslavia)	3	1	6	3	7	3	10	1	2	1	7				2	3	3	3	1	1	1	3	2	3	1	2
SUI	Switzerland	2		2		1															2	1	1				1
SVB	Svalbard						1											2									
SVK	Slovakia	3	1	1		1		2	1			1		1		1		2	2	2		2	1	1	1		1
SVN	Slovenia	2	1	1	1	3	1	1		1	1	1		1		1	1	1			1		1		1	1	2
SWE	Sweden	2	8	22	21	15	1	19	14	19	9	15	24	14	19	7	14	6	25	34	12	12		34	22	14	6
SYR	Syria						1											1									
TKM	Turkmenistan						1											1									
TRD	Trinidad & Tobago						1																				1
TUR	Turkey						25					1						20			1	2			1		2
UKR	Ukraine		2	2	2			1		1		1						3	1	1	1	1			3		2
VCT	St Vincent																										1
WLS	Wales							1	2	1	1	1	3	2	1	1										2	
XOE	Int Waters: Europe			2				1		1	2		1	4		2	3			2				2	2	1	
XUU	UNID (No idea where)																		1								

LISTENING TIMES:

This table shows the number of NDBs logged by each reporter during the time periods.

UTC (hh)	AUT lk	CZE jk	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG ap	ENG bk	ENG hh	ENG im	ENG me	ENG px	ENG re	ENG yk	FIN jr	FIN ks	FIN ro	HOL rb	ITA ed	ITA wb	NOR gl	RUS iv	SCT ds	SCT lw
00:00 - 00:59				13			12			10	2	46	12	2	3	4	81	34		9		13	15	67	17	19
01:00 - 01:59			5	14	3	2	4				2	10				1	2		12	29		10	21	1	10	
02:00 - 02:59			7	15		6	2		2	4		17	21			2	5		15	11	122		22	1	2	4
03:00 - 03:59			11	9	2		16		1	4			3			2			8	8			10	2		1
04:00 - 04:59		5	9				3		1	1		2								5						5
05:00 - 05:59		28					1					21								1						24
06:00 - 06:59										1																1
07:00 - 07:59																										
08:00 - 08:59																				1						
09:00 - 09:59														1												
10:00 - 10:59	5													11								3				
11:00 - 11:59										41			65	8		80										
12:00 - 12:59										33															24	
13:00 - 13:59																										
14:00 - 14:59					15																					
15:00 - 15:59	2		9																							
16:00 - 16:59	4		4									5						4								
17:00 - 17:59			19		13	43	1					2					1	45		1		9	1			
18:00 - 18:59			10	3	30		1	5			28			5		1		8	2	3		6	4			
19:00 - 19:59	5	12	23	3	12	1	15	24	127		25			10	2				5	10			7	71		63
20:00 - 20:59	16	20	32	10	13		22	20		1	29	3	1	14	26	8			10	7		11	4	1		
21:00 - 21:59	7	6	6	29	22	6	18	33		3	10	11	3	23	53	12			33	8		12	8	2	4	5
22:00 - 22:59	9			18	10	10	21	35		15	22	2	4	29	22	13	20		13	17		15	7	1	40	15
23:00 - 23:59				19	11	79	22	4	4	19	13	2	24	24	18	10	27		1	28		11	12		22	1
UTC (hh)	AUT	CZE	CZE	CZE	DEU	DEU	DEU	ENG	ENG	ENG	ENG	ENG	ENG	ENG	ENG	ENG	FIN	FIN	FIN	HOL	ITA	ITA	NOR	RUS	SCT	SCT

	lk	jk	my	ze	bd	hw	je	ag	ap	bk	hh	im	me	px	re	yk	jr	ks	ro	rb	ed	wb	gl	iv	ds	lw
NDBs	48	71	135	133	131	147	138	121	135	132	131	121	133	127	124	133	136	91	99	138	122	90	111	146	119	138

NDB COUNTS, BY FREQUENCY:

and the number logged by all on each frequency, ignoring offsets:

		AUT	CZE	CZE	CZE	DEU	DEU	DEU	ENG	ENG	ENG	ENG	ENG	ENG	ENG	ENG	ENG	FIN	FIN	FIN	HOL	ITA	ITA	NOR	RUS	SCT	SCT	
NDBs	QRG	lk	jk	my	ze	bd	hw	je	ag	ap	bk	hh	im	me	px	re	yk	jr	ks	ro	rb	ed	wb	gl	iv	ds	lw	NDBs
2	275.0						1			1	1				1	1		1							1	1	1	2
2	276.0			1			1	1		1	1	1	1	1	1	1	1	1			1				1	1	1	2
1	277.0				1		1	1	1	1	1		1	1	1	1	1				1				1	1	1	1
3	280.0						1	1		1	1	1	1	1	1	1	1	1			1			1	1	1	1	3
1	281.0						1	1		1	1	1	1	1		1					1						1	1
1	282.0						1			1	1					1									1	1	1	1
2	283.0						1											1							1			2
2	284.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	2
1	284.5																			1								1
4	285.0			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1	1		1	4
3	286.0		1	1	1	1	1	1		1		1		1				1		1	1	1			1		1	3
1	286.5										1				1	1	1											1
1	287.0						1											1							1			1
2	288.0						1																		1			2
1	288.5										1										1							1
2	289.0			1	1	1	1	1						1		1	1	1		1	1	1	1		1		1	2
5	290.0		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	5
1	291.0		1	1	1		1	1																	1	1		1
3	292.0		1	1	1	1	1	1		1								1			1	1	1		1			3
3	293.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1	1			1	1	1	3
3	294.0			1	1		1										1	1				1			1			3
2	295.0		1	1	1	1	1	1		1		1		1		1	1	1			1	1			1		1	2
1	296.0		1	1	1	1	1	1		1	1	1		1		1	1	1			1				1	1	1	1
4	297.0		1	1	1	1	1	1		1		1		1	1	1	1	1		1	1	1	1		1		1	4
2	299.0			1	1	1																	1					2
1	299.5						1	1		1	1	1		1	1	1	1	1			1				1		1	1
3	300.0		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1		1	3
1	300.5																					1						1
1	301.5			1	1		1	1													1				1			1
3	302.0		1	1		1	1	1		1	1	1		1		1	1	1			1	1	1		1		1	3
2	303.0	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1	1	1	1	1		1	2
3	304.0						1																		1		1	3
2	305.0						1									1		1			1				1			2
1	306.5											1																1
4	307.0		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	4
3	308.0			1	1	1	1	1		1	1	1		1		1	1	1	1	1	1	1	1		1		1	3
5	309.0		1	1		1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	5
1	309.5				1																							1
3	310.0			1			1	1										1							1		1	3
3	311.0		1	1	1	1	1	1	1	1	1	1		1	1	1	1	1			1	1			1	1	1	3
5	312.0			1	1	1	1	1		1	1	1	1	1	1	1	1	1		1	1	1	1		1		1	5
1	313.0			1	1	1	1	1				1						1			1	1			1		1	1
1	314.0					1	1	1	1	1	1	1	1	1	1	1	1				1				1	1	1	1
4	315.0		1	1	1	1	1			1	1	1		1	1	1	1	1			1	1	1		1	1		4
1	315.5							1	1																		1	1
7	316.0			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1	1	1	1	1	1	1	7
4	317.0		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	4
6	318.0		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6
3	319.0		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	3
9	320.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	9
6	321.0		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	6
7	322.0		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7
6	323.0		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1	1	1	1	1	1	1	6
5	324.0		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	5
5	325.0		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	5
6	326.0		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	6

4	327.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	**4**
5	328.0			1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1					1	1	1		**5**
1	328.5															1						1			1					**1**
5	329.0		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1		**5**
12	330.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		**12**
5	331.0		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1	1	1	1	1	1	1		**5**
5	332.0		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1			**5**
4	333.0		1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1				**4**
1	333.5	1							1															1			1	1		**1**
7	334.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1		1	1	1		**7**
7	335.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1		**7**
4	336.0			1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1			1	1		1		**4**
7	337.0			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1	1	1	1	1	1	1		**7**
7	338.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		**7**
7	339.0			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		**7**
8	340.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1		**8**
5	341.0			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		**5**
6	342.0			1	1	1	1	1		1		1	1		1	1		1	1	1	1	1		1	1	1	1			**6**
1	342.5								1		1			1					1											**1**
6	343.0			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1		**6**
6	344.0		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1		**6**
11	345.0	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1		**11**
1	345.5							1																	1					**1**
6	346.0			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		**6**
3	347.0			1	1	1	1	1	1	1		1			1	1	1	1				1	1	1	1	1	1	1		**3**
1	347.5										1		1	1																**1**
8	348.0	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		**8**
4	349.0			1	1	1	1			1		1	1				1			1	1	1	1	1		1	1	1	1	**4**
2	349.5	1						1	1		1			1	1			1							1					**2**
8	350.0			1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1		**8**
1	350.5										1												1							**1**
7	351.0	1		1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		**7**
1	351.5							1																						**1**
5	352.0			1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1		1	1	1	1		**5**
1	352.5											1																		**1**
6	353.0			1	1	1	1	1		1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		**6**
1	353.5								1		1																			**1**
6	354.0			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1		**6**
5	355.0			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		**5**
5	356.0			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1				1	1	1		**5**
6	357.0		1	1	1	1	1		1	1	1		1	1	1	1	1	1	1			1	1	1	1	1	1			**6**
2	357.5							1				1																	1	**2**
9	358.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		**9**
5	359.0			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1	1		1	1	1	1		**5**
7	360.0	1		1	1	1	1	1	1	1		1	1		1			1	1	1	1			1	1			1		**7**
1	360.5										1			1			1						1				1			**1**
2	361.0			1	1	1	1	1	1	1	1	1	1	1	1		1					1		1	1	1	1	1		**2**
5	362.0			1	1	1	1	1	1	1		1	1		1			1	1	1	1	1	1	1	1	1	1	1		**5**
1	362.5										1			1		1	1													**1**
3	363.0			1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1		**3**
6	364.0	1		1	1	1	1	1	1	1	1	1		1	1		1	1	1	1	1	1	1	1	1	1	1	1		**6**
8	365.0		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		**8**
5	366.0			1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1		1	1	1	1		**5**
2	367.0	1	1	1	1	1	1			1		1			1	1				1	1			1				1		**2**
1	367.5							1	1		1		1	1			1									1	1			**1**
7	368.0			1	1	1	1	1		1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		**7**
1	368.5								1		1																			**1**
11	369.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		**11**
7	370.0		1	1	1	1	1	1	1	1		1				1			1	1	1	1		1		1		1		**7**
1	370.5										1		1	1	1		1						1		1		1			**1**
5	371.0	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1		1	1	1	1		**5**
8	372.0		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		**8**
6	373.0			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1		1		**6**
5	374.0		1	1	1	1	1		1	1	1		1	1	1	1		1	1	1	1	1	1	1	1	1	1	1		**5**
1	374.5	1						1				1					1													**1**
10	375.0	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		**10**
5	376.0	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1		**5**

NDBs	QRG	AUT lk	CZE jk	CZE my	CZE ze	DEU bd	DEU hw	DEU je	ENG ag	ENG ap	ENG bk	ENG hh	ENG im	ENG me	ENG px	ENG re	ENG yk	FIN jr	FIN ks	FIN ro	HOL rb	ITA ed	ITA wb	NOR gl	RUS iv	SCT ds	SCT lw	NDBs
1	376.5							1																				1
3	377.0			1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1		1	1		1	3
9	378.0			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	9
2	379.0			1	1	1	1	1	1	1	1	1		1	1		1	1			1	1	1		1	1	1	2
9	380.0			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	9
3	381.0			1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	3
6	382.0		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	6
4	383.0			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	4
8	384.0	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8
8	385.0		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8
5	386.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	5
8	387.0	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	8
4	388.0	1		1	1	1	1		1	1		1			1			1	1	1	1	1	1	1	1		1	4
2	388.5							1			1		1	1			1									1		2
5	389.0			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1	1		1	1	1	1	5
7	390.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1		7
1	390.5																										1	1
5	391.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5
5	392.0		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1		1	1	1	1	5
1	392.5	1																										1
5	393.0			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1	1	1	1	5
5	394.0		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5
7	395.0	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	7
4	396.0		1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	4
10	397.0	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10
7	398.0			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7
3	399.0			1	1	1	1		1	1			1		1			1	1		1	1		1	1		1	3
1	399.5							1			1	1		1		1	1									1		1
6	400.0			1	1	1	1	1	1	1	1	1	1		1			1	1	1	1	1	1	1	1	1		6
2	400.5	1	1											1			1										1	2
6	401.0			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1		1	1	1	1	6
6	402.0	1		1	1	1	1	1		1	1	1			1	1	1	1	1		1	1	1	1	1		1	6
1	402.5								1				1	1												1		1
6	403.0			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6
9	404.0		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	9
5	405.0	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	5
5	406.0		1	1	1	1	1		1	1	1	1	1	1	1	1	1		1	1	1	1	1		1	1	1	5
1	406.5							1										1						1				1
6	407.0		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	6
4	408.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
2	409.0			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	2
7	410.0	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7
1	411.0						1																		1			1
8	412.0	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8
2	413.0	1		1	1	1	1		1	1		1									1		1		1		1	2
1	413.5		1					1			1		1	1	1	1	1	1				1		1		1		1
5	414.0			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1		1	1	1	1	5
5	415.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	5
5	416.0		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5
6	417.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6
6	418.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6
3	419.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1		1	1	1	1	3
8	420.0	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	8
5	421.0		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5
3	422.0			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	3
6	423.0	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6
5	424.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	5
7	425.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7

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

(Occasionally an entry may be the result of an incorrectly received ident)

QRG	ID	Name	SP	ITU	Rptr	UTC
370.0	CUL	Culdrose RNAS		ENG	**ag**	2109
380.0	RQ	Quimper / Pluguffan		FRA	**ag**	2111
398.0	MT	St Nazaire / Montoir		FRA	**ag**	2131
404.0	AGO	Angouleme / Brie Champniers		FRA	**ag**	2122
345.0	STM	Strommen / Mo I Rana		NOR	**ap**	1906
348.0	VG	Vagar		FRO	**ap**	1906
369.0	RCH	Rochester		ENG	**ap**	1906
370.0	L	Lycksele		SWE	**ap**	1906
402.0	DA	Ales / Deaux		FRA	**ap**	1906
356.0	CVU	Castres / Mazamet		FRA	**bd**	2104
359.0	RK	Cerklje		SVN	**bd**	1816
375.0	CV	Calvi / Ste Catherine		COR	**bd**	2112
339.0	GI	Amiens / Glisy		FRA	**bk**	1137
341.0	AMB	Amboise		FRA	**bk**	1139
348.0	FOS	Fairoaks		ENG	**bk**	1146
404.0	CNE	Caen / Carpiquet		FRA	**bk**	1246
358.0	LF4H	Heimdal Platform		XOE	**ds**	2234
364.0	KNK	Connaught		IRL	**ds**	1220
375.0	BRG	Bourges		FRA	**ds**	0012
404.0	OBN	N. Connell / Oban		SCT	**ds**	1228
300.5	LW	Koln / Bonn		DEU	**ed**	0202
340.0	ZIG	Leipzig		DEU	**ed**	0202
341.0	ALG	Memmingen / Allgau		DEU	**ed**	0202
390.0	OV	Nafoora M4		LBY	**ed**	0202
418.0	PW	Poprad / Tatry West		SVK	**ed**	0202
280.0	ND	Swidwin		POL	**gl**	2346
369.0	STG	Stegen		NOR	**gl**	0214
382.0	IJ	Ilmajoki		FIN	**gl**	0029
390.0	SS	Skovde		SWE	**gl**	2336
414.0	SJA	Bardufoss / Senja		NOR	**gl**	2105
306.5	AV	Avord		FRA	**hh**	2112
320.0	VL	Pula / Valtura		HRV	**hh**	2037
350.0	SK	Zagreb / Pleso / S. Kraljevec		HRV	**hh**	1948
352.5	DD	Oostende		BEL	**hh**	1843
357.5	KG	Sarajevo / Butmir / Kobiljaca		BIH	**hh**	1849
378.0	TA	Timisoara / Giarmata		ROU	**hh**	2229
385.0	BO	Zadar / Bokanjac		HRV	**hh**	2225
283.0	BIS	Biskra		ALG	**hw**	2134
285.0	AN	Ankara / Esenboga		TUR	**hw**	1900
288.0	AD	Sandane Anda		NOR	**hw**	2330
290.0	XZ	Tyumen / Roshchino		RSE	**hw**	2300
304.0	MOK	Bordj Mokhtar		ALG	**hw**	2330
317.0	KFR	Kufra		LBY	**hw**	2300
318.0	OTR	Bucuresti / Otopeni		ROU	**hw**	1730
319.0	MUS	Mus		TUR	**hw**	2250
324.0	RF	Ladozhskaya		RUS	**hw**	1730
330.0	OA	Samah / Warehouse 59		LBY	**hw**	2311
335.0	VA	Egilsstadhir / Vad		ISL	**hw**	0230
349.0	IPT	Isparta / Suleyman Demirel		TUR	**hw**	2300
350.0	ORI	Ordu-Giresun		TUR	**hw**	2250
351.0	ALP	Alexandropoulis		GRC	**hw**	2342
353.0	BT	Ali		GEO	**hw**	1730
362.0	DNZ	Dasht-e-Naz / Sari		IRN	**hw**	1730
368.0	EDR	Edremit / Korzef		TUR	**hw**	2342
387.0	GZ	Ghanzi		BOT	**hw**	0218
390.0	RS	Risalpur		PAK	**hw**	1730
403.0	JB	Zangangzhen		CHN	**hw**	1730
405.0	ME	Izmir / Adnan Menderes		TUR	**hw**	1730
413.0	GEY	Antalya		TUR	**hw**	2300
416.0	SA	Santander		ESP	**hw**	2300
419.0	LRO	Leros		GRC	**hw**	2342
422.0	CNK	Canakkale		TUR	**hw**	1730
395.0	FOY	Foynes for Shannon		IRL	**im**	0028
288.0	K	Pushkin		RUS	**iv**	0354

294.0	YU	Shaykovka		RUS	**iv**	1958
304.0	DP	Ukhta		RUS	**iv**	1929
307.0	VA	Dobrinskoye		RUS	**iv**	1958
329.0	WU	Umea		SWE	**iv**	1958
334.0	A	Arkhangelsk / Talagi		RUS	**iv**	1958
338.0	A	Moscow / Sheremetyevo		RUS	**iv**	1958
345.0	PW	Syktyvkar		RUS	**iv**	1958
350.0	A	Belgorod		RUS	**iv**	1958
380.0	BW	Moscow / Sheremetyevo		RUS	**iv**	1958
400.0	D	Lipetsk		RUS	**iv**	1958
408.0	O	Ilmajoki		FIN	**iv**	1958
330.0	ABU	Altenburg / Nobitz		DEU	**je**	1920
351.5	PLA	Pula		HRV	**je**	2304
376.5	ORI	Orio al Serio (BG)		ITA	**je**	1908
330.0	SRN	Saronno (VA)		ITA	**jk**	0439
340.0	PND	Valencia / Pinedo		ESP	**jk**	0455
370.0	PSA	Spessart		DEU	**jk**	0531
372.0	L	Prague / Ruzyne / Liboc		CZE	**jk**	0532
378.0	UX	Hall Beach	NU	CAN	**jr**	0021
275.0	PG	Banak / Porsang		NOR	**jr**	1719
285.0	N	Simferopol		UKR	**jr**	2338
294.0	GT	Moscow / Vnukovo		RUS	**jr**	0021
315.0	G	Astrakhan / Narimanovo		RUS	**jr**	2338
317.0	PPD	Poprad / Tatry		SVK	**jr**	0021
326.0	ADV	Svalbard / Longyear / Advent.		SVB	**jr**	2338
335.0	DP	Dnipopetrovsk		UKR	**jr**	0021
345.0	THS	Thessaloniki / Makedonia		GRC	**jr**	0006
356.0	ANK	Ankara / Esenboga		TUR	**jr**	2232
358.0	ALA	Alta		NOR	**jr**	0210
364.0	B	Kittila / Pahtajanka		FIN	**jr**	0021
365.0	AJ	Aghajari		IRN	**jr**	0006
369.0	MH	Minhas Air Base		PAK	**jr**	0021
372.0	ESR	Eskisehir / Anadolu		TUR	**jr**	2232
380.0	TOL	Ivalo / Tolo		FIN	**jr**	0021
387.0	MT	Multan		PAK	**jr**	0021
391.0	GAP	Sanliurfa / Gap		TUR	**jr**	2232
412.0	HRT	Herat		AFG	**jr**	2338
420.0	YKV	Hakkari-Yuksekova		TUR	**jr**	2232
290.0	NO	Oksywie		POL	**ks**	1657
335.0	NAK	Stockholm / Bromma / Nacka		SWE	**ks**	0000
339.0	SD	Sindal		DNK	**ks**	0000
393.0	AB	Hagfors		SWE	**ks**	1751
403.0	TEST	UNID - M-403 (HNG) ???		XUU	**ks**	1733
423.0	M	Cewice		POL	**ks**	1742
320.0	RUM	Innsbruck / Rum		AUT	**lk**	1555
345.0	TZO	Trezzo sull"Adda (MI)		ITA	**lk**	1950
358.0	MSE	Munchen		DEU	**lk**	2005
392.5	TOP	Torino / Poirino (TO)		ITA	**lk**	2155
304.0	ZQM	Riverview (Moncton)	NB	CAN	**lw**	0037
285.0	DOU	Dourados (MS)		BRA	**lw**	0051
302.0	CAI	Canouan Island		VCT	**lw**	0321
309.0	GPI	Guapi		CLM	**lw**	1050
310.0	AMN	Almeria		ESP	**lw**	0400
329.0	FOF	Fort De France		MRT	**lw**	0551
337.0	UP	Zenzeli		RUS	**lw**	2151
340.0	OIA	Oiapoque (AP)		BRA	**lw**	2351
353.0	BN	Basle / Mulhouse / Habsheim		FRA	**lw**	1951
371.0	STR	Sintra		POR	**lw**	0521
385.0	PTP	Pointe a Pitre		GDL	**lw**	0551
386.0	SP	St. Pierre		SPM	**lw**	0551
390.5	ITR	Istres / Le Tube		FRA	**lw**	2251
397.0	FV	Fuerteventura		CNR	**lw**	0000
402.0	MQ	Miquelon (Grande Miquelon)		SPM	**lw**	0551
425.0	BUK	Ankara / Cubuk		TUR	**lw**	2151
354.0	BHM	Bleo Holm		XOE	**me**	1119
410.0	9HUJ9	Apache II		XOE	**me**	1144
307.0	LA	Lazarevskoye		RUS	**my**	0246

315.0	CK	Kusshevskaya		RUS	**my**	0252
330.0	ML	Kraljevo		SRB	**my**	1744
342.0	OA	Algiers / Houari Boumedienne		ALG	**my**	1940
384.0	PMR	Pamiers / Les Pujols		FRA	**my**	1822
407.0	CTF	Catania (CT)		SCY	**my**	1944
420.0	SHF	Michurinsk		RUS	**my**	1719
360.0	SR	Saarbrucken / Ensheim		DEU	**px**	1902
373.0	NW	Maastricht / Beek		HOL	**px**	2017
332.0	YFM	La Grande 4	QC	CAN	**rb**	0207
407.0	ZHU	Hauts-Bois / St Hubert (Montreal)	QC	CAN	**rb**	1009
312.0	TAQ	Tarquinia (VT)		ITA	**rb**	2052
344.0	VAR	Varazdin		HRV	**rb**	0121
351.0	PD	Ponta Delgada		AZR	**rb**	0447
373.0	TN	Thorshofn		ISL	**rb**	0006
382.0	SF	Sondrostrom / Kangerlussuaq		GRL	**rb**	0010
284.0	FSB	Fassberg		DEU	**re**	2020
320.0	LSU	Limoges / Bellegarde		FRA	**re**	2301
322.0	ORS	Orleans / St Denis De L"Hotel		FRA	**re**	2045
333.0	GFC	Statoil Gullfaks C Platform		XOE	**re**	2342
342.0	VA	Vannes / Meucon		FRA	**re**	2107
415.0	RTB	Nurnberg / Rothenbach		DEU	**re**	2318
284.5	LVK	Namsos / Leirvika		NOR	**ro**	2027
286.0	R	Penza		RUS	**ro**	2235
353.0	OBA	Oseberg A platform		XOE	**ro**	2207
366.0	UP	Uppsala		SWE	**ro**	0300
378.0	HTK	Sorkjosen / Hestvik		NOR	**ro**	0315
390.0	PAJ	Pajala		SWE	**ro**	0108
406.0	NV	Vilhelmina		SWE	**ro**	0156
420.0	GO	Podgorica		MNE	**ro**	0232
312.0	DAN	Danilvograd For Podgorica		MNE	**wb**	0046
318.0	BE	Bordeaux / Merignac		FRA	**wb**	0033
321.0	TL	Tarbes / Ossun / Lourdes		FRA	**wb**	0030
343.0	AR	Aurillac		FRA	**wb**	2252
345.0	CS	Carcassonne / Salvaza		FRA	**wb**	2231
350.0	BLA	Cerrione (BI)		ITA	**wb**	2210
355.0	MA	Mostar		BIH	**wb**	2147
365.0	RB	Ajaccio / Campo del Oro		COR	**wb**	2055
378.0	TRI	Split / Trogir		HRV	**wb**	1756
384.0	AT	Annecy / Meythet		FRA	**wb**	1735
418.0	SVC	Aosta		ITA	**wb**	1042
420.0	ABN	Albenga (SV)		ITA	**wb**	1040
340.0	LSH	Lashenden / Headcorn		ENG	**yk**	1102
357.0	VZ	Eelde / Groningen		HOL	**yk**	1102
397.0	LZD	Lydd		ENG	**yk**	1102
309.5	TR	Mys Tarkhankutskiy Lt.		UKR	**ze**	2210
330.0	G	Gerona / Costa Brava		ESP	**ze**	2310
356.0	SGO	Sagunto		ESP	**ze**	0237
372.0	PY	Le Puy / Loudes		FRA	**ze**	0124
378.0	LU	Le Luc / Le Cannet		FRA	**ze**	0149
401.0	PTC	Porto Colom for Palma De Mallora		BAL	**ze**	2125

FREQUENCIES REVISITED - Progress Statistics

(Please see the explanation below)

THEN	CLE231 - 275-425 kHz - 27.04.2018 - 30.04.2018
NOW	CLE248 - 275-425 kHz - 27.09.2019 - 30.09.2019

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
AUT lk	539	558	32	27	60	48	1175	1336
CZE my	862	1100	116	149	135	135	2058	5020
CZE ze	853	1061	115	141	135	133	2942	3107

DEU hw	1284	2684	185	395	144	147	4680	8303
DEU je	785	970	104	134	133	138	3222	4593
ENG bk	550	749	63	99	114	132	2152	4055
ENG hh	1291	1656	164	217	127	131	2989	6712
ENG me	799	1029	98	137	123	133	2246	6749
ENG px	544	1031	44	131	80	127	1985	6728
ENG yk	891	795	111	106	125	133	2593	3905
HOL rb	1652	1949	238	269	144	138	6837	7041
ITA ed	254	1437	5	175	20	122	641	3455
ITA wb	412	548	22	49	53	90	1838	1361
SCT ds	872	1083	101	129	116	119	2238	3590
Averages:	828	1189	100	154	108	123	2685	4711
% Increase:		**44**		**54**		**14**		**75**

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
CZE jk		729		52		71		1786
DEU bd		733		96		131		1753
ENG ag		789		95		121		2550
ENG ap		1002		135		135		3913
ENG im		1330		161		121		9321
ENG re		894		111		124		3918
FIN jr		2412		328		136		5417
FIN ks		1117		102		91		2193
FIN ro		1025		101		99		3867
NOR gl		781		87		111		2113
RUS iv		1485		217		146		6101
SCT lw		2597		358		138		9901
Averages:		1241		154		119		4403
% Increase:								

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

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.