
Inhaltsverzeichnis

--

Frequenzen D-Star

Versionsgeschichte interaktiv durchsuchen
VisuellWikitext

Version vom 19. April 2009, 19:52 Uhr (Quelltext anzeigen)
Oe3msu (Diskussion | Beiträge)
(→sonstige Länder:)
← Zum vorherigen Versionsunterschied

Aktuelle Version vom 29. Oktober 2014, 19:04 Uhr (Quelltext anzeigen)
Oe1kbc (Diskussion | Beiträge)

(44 dazwischenliegende Versionen von 8 Benutzern werden nicht angezeigt)

Zeile 1: – [[Kategorie:D-Star]] Bei der IARU Konferenz 2008 in Cavtat wurden folgende Frequenzbereiche für D-Star vorgesehen.
 Bitte beachten Sie das auch noch analoger Funkbetrieb auf den Frequenzen durchgeführt wird. Beobachten Sie die Frequenz im Mode FM bevor Sie auf D-Star umstellen. Zeile 5: = Frequenzen der Österreichischen Relais: = – == QRG für Wien-AKH: == Repeater: OE1XDS "B" Frequenz: 438,525 MHz - Shift -7,600 MHz Repeater: OE1XDS "A" – Frequenz: 1298,650 MHz - Shift 28,000 MHz	Zeile 1: Bei der IARU Konferenz 2008 in Cavtat wurden folgende Frequenzbereiche für D-Star vorgesehen.
 Bitte beachten Sie das auch noch analoger Funkbetrieb auf den Frequenzen durchgeführt wird. Beobachten Sie die Frequenz im Mode FM bevor Sie auf D-Star umstellen. Zeile 4: = Frequenzen der Österreichischen Relais: = + == QRG für Wien AKH: == Repeater: OE1XDS "B" Frequenz: 438,525 MHz - Shift -7,600 MHz Repeater: OE1XDS "A" + Frequenz: 1298,650 MHz - Shift -28,000 MHz derzeit nicht in Betrieb + + Standort: AKH 1090 Wien + + == QRG für Mönichkirchen == +
--	--

	+	Repeater: OE3XWW "B"	
	+	Frequenz: 438.575 MHz - Shift -7,600 MHz	
	+		
	+	Repeater: OE3XWW "C"	
	+	Frequenz: 145,7625 MHz - Shift -0,6 MHz	
	+	Standort: Mönichkirchen	
	+		
	+	== QRG für Brentenriegel: ==	
	+		
	+	Repeater OE4XUB "B"	
	+	Frequenz: 438,550 MHz - Shift -7,6 MHz	
	+		
	+		
	+	== QRG für Linz - Breitenstein: ==	
	+	Repeater: OE5XOL "B"	
	+	Frequenz: 438,525 - Shift - 7,600 MHz	
-		Standort: AKH Wien 1090	
		== QRG für Graz-Dobl: ==	
-		Repeater: OE6XDE (neues Rufzeichen)	
	+	Repeater: OE6XFE "C"	
	+	Frequenz: 145,6375 MHz - Shift - 0,600 MHz	
	+		
	+	Standort: alter Mittelwellen-Sendemast in Dobl in 125m Höhe	
	+		
	+		

	+ == QRG für Graz-Plabutsch: ==
	+ Repeater: OE6XDE "B"
Frequenz: 438,900 MHz - Shift - 7,600 MHz	Frequenz: 438,900 MHz - Shift - 7,600 MHz
- Standort: Sender DOBL	
	+ Standort: Graz-Plabutsch, Fürstenstand
	+
	+ == QRG für Lachtal Klosterneuburgerhütte:==
	+ Repeater: OE6XDG "C"
	+ Frequenz: 145.700 MHz - Shift -0,6 MHz
	+
	+ == QRG für Mayrhofen/Zillertal - Ahornbahn:==
	+ Repeater: OE7XZT "B"
	+ Frequenz: 438.975 MHz - Shift -7,6 MHz
	+ == QRG für Hintertux/Zillertal - Penken: ==
- == QRG für Linz - Breitenstein: ==	+ Repeater: OE7XTT "B"
- Repeater: OE5XOL	+ Frequenz: 438.550 MHz - Shift -7,6 MHz
- Frequenz: 438,525 - Shift - 7,600 MHz	+
- Standort: Breitenstein	+ == QRG für Kramsach/Rofan - Rosskogel:==
	+ Repeater: OE7XXR "B"
	+ Frequenz: 438.200 MHz Shift -7,6 MHz
	+
	+ == QRG für Innsbruck - Hoadl:==
	+ Repeater: OE7XHR "B"

+ **Frequenz: 438.050 MHz - Shift -7,6 MHz**

+

+ **== QRG für Landeck/Oberland - Krahberg:==**

+ **Repeater: OE7XKR "B"**

+ **Frequenz: 438.500 MHz - Shift -7,6 MHz**

+

+ **== QRG für Pyramidenkogel: ==**

+ **Repeater: OE8XKK "C"**

+ **Frequenz: 145,5875 MHz - Shift -0.600 MHz**

= Direktfrequenzen: =

Zeile 53:

Dazu eine Vorbemerkung:

Es werden in dem D_STAR System immer wieder Änderungen vorgenommen. Teilweise werden Frequenzen und/oder Rufzeichen geändert. Ausserden ist nicht gesichert, dass die hier angeführten Repeater immer qrv sind. Man sollte sich in jedem Fall noch vor der Benützung informieren. Dies geschieht am besten, auch wenn diese Liste nicht immer am aktuellsten Stand ist auf dieser Internetseite: [<http://www.jfindu.net/DSTARRepeaters.aspx> D-STAR Repeaters]

Angeführt ist : Rufzeichen "A,B,C,D" Shift Standort in der Nähe von, **ev. Bemerkung**

Zeile 102:

Dazu eine Vorbemerkung:

Es werden in dem D_STAR System immer wieder Änderungen vorgenommen. Teilweise werden Frequenzen und/oder Rufzeichen geändert. Ausserden ist nicht gesichert, dass die hier angeführten Repeater immer qrv sind. Man sollte sich in jedem Fall noch vor der Benützung informieren. Dies geschieht am besten, auch wenn diese Liste nicht immer am aktuellsten Stand, ist auf dieser Internetseite:

[<http://www.jfindu.net/DSTARRepeaters.aspx> D-STAR Repeaters]

Angeführt ist : Rufzeichen, "A,B,C,D", **Ausgabefrequenz**, Shift, Standort in der Nähe von,

-	== D-STAR Relaisliste Portugal ==	+	== D-STAR Relaisliste Portugal: ==
Zeile 71:		Zeile 122:	
	CQ0DLX B 438,55000 -7,6000 Lisboa		CQ0DLX B 438,55000 -7,6000 Lisboa
-	CQ0DSA B 438,47500 -7,6000 Lisboa S	+	CQ0DSA B 438,47500 -7,6000 Lisboa Süd
-	== D-STAR Relaisliste Deutschland ==	+	== D-STAR Relaisliste Deutschland: ==
-	X bedeutet "noch" kein Gateway	+	Teilweise noch kein Gateway, daher nur lokal!
-	DB0AB B 439,45000 -0,6000 Arberg X aber Dongle	+	DB0AB B 439,45000 -0,6000 Arberg
	DB0ADB B 439,55000 -7,6000 Bamberg		DB0ADB B 439,55000 -7,6000 Bamberg
Zeile 84:		Zeile 135:	
	DB0ALG B 439,46250 -7,6000 Allgäu		DB0ALG B 439,46250 -7,6000 Allgäu
-	DB0BHN B 439,53750 -7,6000 Bremerhaven X	+	DB0BHN B 439,53750 -7,6000 Bremerhaven
	DB0BOS B 439,51250 -7,6000 Odenwald		DB0BOS B 439,51250 -7,6000 Odenwald
Zeile 90:		Zeile 141:	

	DB0BS	B	439,45000		DB0BS	B	439,45000	
	-7,6000		Bochum		-7,6000		Bochum	
-	DB0DBN	B	439,53125		DB0DBN	B	439,53125	
	-7,6000		Bonn	X	-7,6000		Bonn	
	DB0DDE	B	439,53750		DB0DDE	B	439,53750	
	-7,6000		Essen		-7,6000		Essen	
Zeile 98:					Zeile 149:			
	DB0DDS	B	439,48750		DB0DDS	B	439,48750	
	-7,6000		Dortmund		-7,6000		Dortmund	
-	DB0DF	B	439,46250		DB0DF	B	439,46250	
	-7,6000		Berlin	X	-7,6000		Berlin	
	DB0DJ	A	1298,57500		DB0DJ	A	1298,57500	
	-28,0000		Karlsruhe		-28,0000		Karlsruhe	
Zeile 106:					Zeile 157:			
	DB0DJ	C	145,76250		DB0DJ	C	145,76250	
	-0,6000		Karlsruhe		-0,6000		Karlsruhe	
-	DB0DZ	C	145,68750		DB0DZ	C	145,68750	
	-0,6000		Düsseldorf	X	-0,6000		Düsseldorf	
	DB0FEU	B	439,50000		DB0FEU	B	439,50000	
	-7,6000		Feuchtwangen		-7,6000		Feuchtwangen	
Zeile 112:					Zeile 163:			
	DB0FHW	B	439,48750		DB0FHW	B	439,48750	
	-7,6000		Braunschweig		-7,6000		Braunschweig	
-	DB0FS	B	439,56250		DB0FS	B	439,56250	
	-7,6000		Hamburg	N	-7,6000		Hamburg	Nord
	DB0FWS	B	439,53750		DB0FWS	B	439,53750	
-	-7,6000		Würzburg	N	-7,6000		Würzburg	Nord
			aktiv aber					
			no Traffic					

-	DB0HAA -7,6000 Dongle	B Hagen	439,58750 X aber	+	DB0HAA -7,6000 Hagen
-	DB0HMB -28,0000 no Traffic	A Hamburg	1298,72500 aktiv aber	+	DB0HMB -28,0000 Hamburg
-	DB0HMB -7,6000 aber XRF!	B Hamburg	439,51250 nicht in Liste	+	DB0HMB -7,6000 Hamburg
-	DB0HOT -7,6000	B Lobsdorfer Höhe	439,50000 X	+	DB0HOT -7,6000 Lobsdorfer Höhe
	DB0HRF -7,6000	B Frankfurt	439,45000		DB0HRF -7,6000 Frankfurt
Zeile 128:				Zeile 179:	
	DB0HRM -7,6000	B Kassel	439,52500		DB0HRM -7,6000 Kassel
-	DB0HRR -0,6000 no Traffic	C Bad Hersfeld	145,70000 X und	+	DB0HRR -0,6000 Bad Hersfeld
-	DB0HSK -7,6000	B Meschede	439,50625 X	+	DB0HSK -7,6000 Meschede
	DB0IKS -7,6000	B Saarbrücken	439,46250		DB0IKS -7,6000 Saarbrücken
Zeile 136:				Zeile 187:	
	DB0LBX -7,6000	B Stuttgart	439,55000		DB0LBX -7,6000 Stuttgart

-	DB0LE -7,6000	B Leipzig	439,57500 X	+	DB0LE -7,6000	B Leipzig	439,57500
-	DB0MFR -7,6000	B Hemmor	439,47500 X	+	DB0MFR -7,6000	B Hemmor	439,47500
	DB0MYK -7,6000	B Koblenz	439,56250		DB0MYK -7,6000	B Koblenz	439,56250
Zeile 146:				Zeile 197:			
	DB0NG -7,6000	B Marl	439,57500		DB0NG -7,6000	B Marl	439,57500
-	DB0NU -7,6000	B Altenstein	439,50000 X	+	DB0NU -7,6000	B Altenstein	439,50000
	DB0RDH -28,0000	A Straubing	1298,45000		DB0RDH -28,0000	A Straubing	1298,45000
Zeile 152:				Zeile 203:			
	DB0RDH -7,6000	B Straubing	439,47500		DB0RDH -7,6000	B Straubing	439,47500
-	DB0RDH -0,6000	C Straubing	147 ,76250	+	DB0RDH -0,6000	C Straubing	145 ,76250
-	DB0RKB -7,6000	B Rhön	439,58750 X	+	DB0RKB -7,6000	B Rhön	439,58750
-	DB0SAT -28,0000	A HH Wilhelmsburg	1298,75000	+	DB0SAT -28,0000	A Hamburg Wilhelmsburg	1298,75000
-	DB0SAT -7,6000	B HH Wilhelmsburg	439,50000	+	DB0SAT -7,6000	B Hamburg Wilhelmsburg	439,50000
-	DB0SAT -0,6000	C HH Wilhelmsburg	145,77500	+	DB0SAT -0,6000	C Hamburg Wilhelmsburg	145,77500

	DB0SEN	B	439,54375		DB0SEN	B	439,54375
	-7,6000		Münster		-7,6000		Münster
	Zeile 166:				Zeile 217:		
	DB0SIF	B	439,48750		DB0SIF	B	439,48750
	-7,6000		Giesen		-7,6000		Giesen
-	DB0SN	B	439,50000	+	DB0SN	B	439,50000
	-7,6000		Göttingen		-7,6000		Göttingen
			X				
-	DB0SZS	C	145,63750	+	DB0SZS	C	145,63750
	-0,6000		Osnabrück		-0,6000		Osnabrück
			X				
-	DB0SZS	B	439,50000	+	DB0SZS	B	439,50000
	-7,6000		Osnabrück		-7,6000		Osnabrück
			X				
	DB0TVM	B	439,57500		DB0TVM	B	439,57500
	-7,6000		München		-7,6000		München
	Zeile 178:				Zeile 229:		
	DB0WIM	B	439,56250		DB0WIM	B	439,56250
	-7,6000		Landau/Pfalz		-7,6000		Landau/Pfalz
-	DB0WK	B	439,46250	+	DB0WK	B	439,46250
	-7,6000		Rhön		-7,6000		Rhön
			X				
	DB0WZ	A	1298,32500		DB0WZ	A	1298,32500
	-28,0000		Würzburg		-28,0000		Würzburg
	Zeile 190:				Zeile 241:		
	DB0XPO	B	439,55000		DB0XPO	B	439,55000
	-7,6000		Hannover		-7,6000		Hannover
-	DB0ZB	B	439,56250	+	DB0ZB	B	439,56250
	-7,6000		Bayreuth		-7,6000		Bayreuth
			aktiv aber				
			no Traffic				

-	DB0ZO -0,6000	C Bad Iburg	145,75000 X	+	DB0ZO -0,6000	C Bad Iburg	145,75000
-	DB0ZO -7,6000	B Bad Iburg	439,56250 X	+	DB0ZO -7,6000	B Bad Iburg	439,56250
-	DF0HHH -7,6000	B HH	439,57500 X	+	DF0HHH -7,6000	B Hamburg	439,57500
	DF0HMR -7,6000	B Duisburg	439,47500		DF0HMR -7,6000	B Duisburg	439,47500
Zeile 214:				Zeile 265:			
	DM0XX -7,6000	B Bremen	439,51250		DM0XX -7,6000	B Bremen	439,51250
-				+	== D-STAR Relaisliste Spanien: ==		
-	== D-STAR Relaisliste Spanien ==						
Zeile 222:				Zeile 272:			
	EA5A -7,6000	B Valencia	438,20000		EA5A -7,6000	B Valencia	438,20000
-	== D-STAR Relaisliste Frankreich ==			+	== D-STAR Relaisliste Frankreich: ==		
Zeile 233:				Zeile 283:			
	GB7AD -9,0000	B Bristol	439,91250		GB7AD -9,0000	B Bristol	439,91250
-	GB7AI 7,6000	B London	430,82500 NW	+	GB7AI 7,6000	B London	430,82500 Nordwest

-	GB7AU -9,0000	B	439,70000 London NW	+	GB7AU -9,0000	B	439,70000 London Nordwest
-	GB7CD -9,0000	B	439,70000 Bristol W	+	GB7CD -9,0000	B	439,70000 Bristol West
-	GB7DB -9,0000	B	439,66250 London N	+	GB7DB -9,0000	B	439,66250 London Nord
-	GB7DE -9,0000	B	439,60000 Edinburg N	+	GB7DE -9,0000	B	439,60000 Edinburg Nord
-	GB7DE -0,6000	C	145,63750 Edinburg N	+	GB7DE -0,6000	C	145,63750 Edinburg Nord
	GB7DG -9,0000	B	439,70000 Glasgow		GB7DG -9,0000	B	439,70000 Glasgow
Zeile 253:				Zeile 303:			
	GB7DV -9,0000	B	439,61250 Warnigton		GB7DV -9,0000	B	439,61250 Warnigton
-	GB7DW -0,6000	C	145,61250 Glasgow S	+	GB7DW -0,6000	C	145,61250 Glasgow Süd
	GB7DX -9,0000	B	439,70000 Asford		GB7DX -9,0000	B	439,70000 Asford
Zeile 277:				Zeile 327:			
	GB7PI -9,0000	B	439,91250 Cambridge		GB7PI -9,0000	B	439,91250 Cambridge
-	GB7SF -9,0000	B	439,73750 sheffield	+	GB7SF -9,0000	B	439,73750 Sheffield
-	GB7SF -0,6000	C	145,73750 sheffield	+	GB7SF -0,6000	C	145,73750 Sheffield

Ausgabe: 29.04.2024 Dieses Dokument wurde erzeugt mit BlueSpice Seite 13 von 73

Ausgabe: 29.04.2024 Dieses Dokument wurde erzeugt mit BlueSpice Seite 14 von 73

	IR5UH	B	431,51200
	1,6000	Firenze	
	IR6UBM	B	430,11250
	1,6000	Vasto	
-	IR7AZ	C	145,97500
	-1,2500	Bari N	
-	IR7UBA	B	430,30000
	5,0000	Bari S	
	IR8AW	B	430,42500
	5,0000	Napoli	
	IR8BT	B	430,45000
	5,0000	Salerno	
-	IR8CA	B	430,47500
	5,0000	Napoli S	
-	IR8CA	C	145,66250
	-0,6000	Napoli S	
-	IR8UAF	B	430,50000
	5,0000	Napoli N	
	IR9G	C	145,66250
	-0,6000	Palermo	
-	== D-STAR Relaisliste Norwegen ==		

	IR5UH	B	431,51200
	1,6000	Firenze	
	IR6UBM	B	430,11250
	1,6000	Vasto	
+	IR7AZ	C	145,97500
	-1,2500	Bari Nord	
+	IR7UBA	B	430,30000
	5,0000	Bari Süd	
	IR8AW	B	430,42500
	5,0000	Napoli	
	IR8BT	B	430,45000
	5,0000	Salerno	
+	IR8CA	B	430,47500
	5,0000	Napoli Süd	
+	IR8CA	C	145,66250
	-0,6000	Napoli Süd	
+	IR8UAF	B	430,50000
	5,0000	Napoli Nord	
	IR9G	C	145,66250
	-0,6000	Palermo	
+	== D-STAR Relaisliste Norwegen: ==		

LD3DV B 434,52500 -2,0000 Oslo	LD3DV B 434,52500 -2,0000 Oslo
- == D-STAR Relaisliste Argentinien ==	+ == D-STAR Relaisliste Argentinien: ==
Zeile 392:	Zeile 445:
- == D-STAR Relaisliste Belgien ==	+ == D-STAR Relaisliste Belgien: ==
Zeile 403:	Zeile 456:
ON0WV B 439,56250 -7,6000 Bruegge	ON0WV B 439,56250 -7,6000 Bruegge
- == D-STAR Relaisliste Dänemark ==	+ == D-STAR Relaisliste Dänemark: ==
Zeile 420:	Zeile 473:
OZ9RET C 145,66250 -0,6000 Visby	OZ9RET C 145,66250 -0,6000 Visby
- == D-STAR Relaisliste Holland ==	+ == D-STAR Relaisliste Holland: ==
-	
Zeile 428:	Zeile 480:
PI1HWB B 430,92500 7,6000 Rotterdam	PI1HWB B 430,92500 7,6000 Rotterdam
- == D-STAR Relaisliste Brasilien ==	+ == D-STAR Relaisliste Brasilien: ==

Zeile 434:	Zeile 486:
PY2KPP C 145,41000 -0,6000 Sao Paulo	PY2KPP C 145,41000 -0,6000 Sao Paulo
- == D-STAR Relaisliste Slowenien ==	+ == D-STAR Relaisliste Slowenien: ==
Zeile 443:	Zeile 495:
S55DMX B 438,35000 -7,6000 Maribor	S55DMX B 438,35000 -7,6000 Maribor
- == D-STAR Relaisliste Griechenland ==	+ == D-STAR Relaisliste Griechenland: ==
Zeile 455:	Zeile 507:
== D-STAR Relaisliste Canada: ==	== D-STAR Relaisliste Canada: ==
- Canada	+
VA2RKA B 446,15000 5,0000 Montreal	VA2RKA B 446,15000 5,0000 Montreal
Zeile 516:	Zeile 568:
VE3YYZ C 144,93000 0,6000 Toronto	VE3YYZ C 144,93000 0,6000 Toronto
- Ve6GHZ A 1287,97500 -12,0000 Calgary	+ VE6GHZ A 1287,97500 -12,0000 Calgary
- Ve6GHZ B 444,95000 5,0000 Calgary	+ VE6GHZ B 444,95000 5,0000 Calgary
- Ve6GHZ C 147,09000 0,6000 Calgary	+ VE6GHZ C 147,09000 0,6000 Calgary

	VE6IPG	A	1275,95000		VE6IPG
	12,0000	Calgary			A 1275,95000
					12,0000 Calgary
Zeile 553:				Zeile 605:	
	VO1ILP	B	443,40000		VO1ILP
	5,0000	Neufundland			B 443,40000
					5,0000 Neufundland
-					
	== D-STAR Relaisliste Australien: ==				== D-STAR Relaisliste Australien: ==
-	Australien			+	
-	VK2RDS	A	1273,85000	+	VK2RDS
	20,0000	Sydney S			A 1273,85000
					20,0000 Sydney Süd
-	VK2RDS	B	438,05000	+	VK2RDS
	-5,4000	Sydney S			B 438,05000
					-5,4000 Sydney Süd
-	VK2RDS	C	146,76250	+	VK2RDS
	-0,6000	Sydney S			C 146,76250
					-0,6000 Sydney Süd
-	VK2RWN	A	1273,90000	+	VK2RWN
	20,0000	Sydney N			A 1273,90000
					20,0000 Sydney Nord
-	VK2RWN	B	438,40000	+	VK2RWN
	-5,4000	Sydney N			B 438,40000
					-5,4000 Sydney Nord
-	VK2RWN	C	146,96250	+	VK2RWN
	-0,6000	Sydney N			C 146,96250
					-0,6000 Sydney Nord
-	VK3RWW	B	438,15000	+	VK3RWW
	-5,4000	Melbourne NW			B 438,15000
					-5,4000 Melbourne Nordwest

-	VK4RDS -0,6000	C Brisbane	146,73750 N	+	VK4RDS -0,6000	C Brisbane	146,73750 Nord
-	VK4RWN 20,0000	A Brisbane	1273,10000 S	+	VK4RWN 20,0000	A Brisbane	1273,10000 Süd
-	VK4RWN -5,4000	B Brisbane	438,22500 S	+	VK4RWN -5,4000	B Brisbane	438,22500 Süd
-	VK4RWN -0,6000	C Brisbane	146,83750 S	+	VK4RWN -0,6000	C Brisbane	146,83750 Süd
	VK5REX -5,4000	B Port Lincoln	438,22500		VK5REX -5,4000	B Port Lincoln	438,22500
Zeile 600:				Zeile 651:			
	VK8RAD -0,6000	C Darwin	146,70000		VK8RAD -0,6000	C Darwin	146,70000
				+	== D-STAR Relaisliste USA: ==		
				+			
				+	AA1HD 5,0000	B Hartford	442,1500 Connecticut
				+			
				+	AA1HD -0,6000	C Hartford	145,2600 Connecticut
				+			
				+	AK4EG -20,0000	A Greensborp	1284,4000 Cerolina
				+			
				+	AK4EG 5,0000	B Greensborp	444,8875 Cerolina
				+			
				+	AK4EG -0,6000	C Greensborp	145,3200 Cerolina

+				
+	K0HAM -12,0000 Missouri	A	1287,0000 Kansas City	
+				
+	K0HAM 5,0000	B	442,1250 Kansas City	Missouri
+				
+	K0HAM -0,6000	C	145,1200 Kansas City	Missouri
+				
+	K0MDG -12,0000	A	1285,0000 St. Louis	Missouri
+				
+	K0MDG 5,0000	B	442,5750 St. Louis	Missouri
+				
+	K0MDG 0,6000	C	147,0375 St. Louis	Missouri
+				
+	K1HRO -20,0000 Hampshire	A	1293,1239 Manchester	New
+				
+	K1HRO 5,0000 Hampshire	B	444,3500 Manchester	New
+				
+	K1HRO -0,6000 Hampshire	C	145,3300 Manchester	New
+				
+	K1XC -12,0000	A	1285,0000 Orlando	Florida
+				

+	K1XC	B	443,2750	
	5,0000	Orlando	Florida	
+				
+	K1XC	C	146,8200	
	-0,6000	Orlando	Florida	
+				
+	K2CC	A	1284,0000	
	-12,0000	Canton	Vermont	
+				
+	K2CC	B	433,3500	
	5,0000	Canton	Vermont	
+				
+	K2DIG	A	1293,0000	
	-20,0000	Manhattan	New York	
+				
+	K2DIG	B	445,2750	
	-5,0000	Manhattan	New York	
+				
+	K3PDR	B	447,6250	
	-5,0000	Philadephia	New Jersey	
+				
+	K4DSO	A	1293,4000	
	-12,0000	Birmingham		
	Alabama			
+				
+	K4DSO	B	443,2000	
	5,0000	Birmingham	Alabama	
+				
+	K4DSO	C	145,4100	
	-0,6000	Birmingham	Alabama	
+				
+	K4WAK	A	1293,0000	
	-20,0000	Tallahassee	Florida	

+	
+	K4WAK B 443,4500 5,0000 Tallahassee Florida
+	
+	K4WAK C 146,8350 -0,6000 Tallahassee Florida
+	
+	K5CTX A 1292,1000 -20,0000 Austin Texas
+	
+	K5CTX B 440,5250 5,0000 Austin Texas
+	
+	K5CTX C 147,3400 0,6000 Austin Texas
+	
+	K5MIJ B 440,6000 5,0000 Dallas Texas
+	
+	K5PLD C 146,4900 1,0000 Lhasa Tibet
+	
+	K5RKN B 444,8250 5,0000 Jackson Mississippi
+	
+	K5RKN C 145,1700 -0,6000 Jackson Mississippi
+	
+	K5TIT A 1293,0000 -20,0000 Dallas Texas
+	
+	K5TIT B 442,0000 5,0000 Dallas Texas
+	

+	K5TIT 0,6000	C	147,3600 Dallas	Texas
+				
+	K5ZOE 5,0000 Carolina	B	443,3250 Columbia	South
+				
+	K6ACS 5,0000	B	442,1125 Santa Rose	California
+				
+	K6ACS -0,4000	C	145,0400 Santa Rose	California
+				
+	K6CHO -12,0000	A	1286,5250 Chico	California
+				
+	K6CHO -0,4000	C	144,9200 Chico	California
+				
+	K6LRG -12,0000	A	1286,6250 San Jose	California
+				
+	K6LRG 5,0000	B	444,6875 San Jose	California
+				
+	K6MDD -12,0000 California	A	1284,2000 San Francisco	
+				
+	K6MDD 5,0000 California	B	444,1375 San Francisco	
+				
+	K6MDD 1,0000 California	C	146,5850 San Francisco	

+	
+	K6PIT C 147,2850 0,6000 Pittsburg California
+	
+	K6SOA A 1282,6000 -12,0000 Los Angeles California
+	
+	K6SOA B 445,6600 5,0000 Los Angeles California
+	
+	K6SOA C 146,1150 0,6000 Los Angeles California
+	
+	K6VIS C 145,5500 -0,6000 Visalia California
+	
+	K6VO A 1283,0000 -12,0000 Irvine California
+	
+	K7WH A 1290,0000 -20,0000 Herbin China
+	
+	K7WH B 443,0000 5,0000 Herbin China
+	
+	K7WH C 145,2900 -0,6000 Herbin China
+	
+	K7RST A 1284,2500 ??? Tuscon Arizona
+	

+	K7RST ???	B Tuscon	445,9000 Arizona	
+				
+	K7RST ???	C Tuscon	145,1150 Arizona	
+				
+	KI8BIG 5,0000	B Cincinnati	444,0000 Ohio	
+				
+	KI8BIG -0,6000	C Cincinnati	145,3500 Ohio	
+				
+	K8ETN ???	C Lansing	145,2000 Michigan	
+				
+	K8LCD -20,0000 Michigan	A Detroit West	1294,4800	
+				
+	K8LCD 5,0000 Michigan	B Detroit West	444,0625	
+				
+	K8LCD 0,6000 Michigan	C Detroit West	147,2100	
+				
+	KC2TGB 5,0000 Jersey	B Philadelphia SO	444,6500	New
+				
+	KC9OKW 5,0000	B Chicago West	443,2500 Illinois	
+				
+	KD0CGR -6,0000	C Omaha	145,1750 Nebraska	

+	
+	KD2STR B 443,6875 5,0000 Buffalo New York
+	
+	KD7REX B 440,5500 5,0000 Portland Oregon
+	
+	KD7REX C 144,5100 3,0000 Portland Oregon
+	
+	KD8DRG B 442,5750 5,0000 Akron Ohio
+	
+	KD8DRG C 146,9550 -0,6000 Akron Ohio
+	
+	KE5RCS A 1295,1295 -20,0000 Austin Texas
+	
+	KE5RCS B 440,5750 5,0000 Austin Texas
+	
+	KE5RCS C 145,1300 -0,6000 Austin Texas
+	
+	KE7JFH A 1295,6500 -12,0000 Phoenix West Arizona
+	
+	KE7JFH B 445,9750 -5,0000 Phoenix West Arizona
+	

+	KE7IFH	C	145,1250	
	-0,6000	Phoenix West		
	Arizona			
+				
+	KE7MVI	B	443,7750	
	5,0000	Medford	Oregon	
+				
+	KE7WTB	B	445,6600	
	5,0000	Seattle	Washington	
+				
+	KE7WTB	C	146,1150	
	0,6000	Seattle	Washington	
+				
+	KE7WTC	A	1282,6500	
	-12,0000	Seattle		
	Washington			
+				
+	KE7WTC	B	447,0000	
	-5,0000	Seattle	Washington	
+				
+	KE7WTC	C	146,6050	
	-0,6000	Seattle	Washington	
+				
+	KF6BQK	B	449,0800	
	-5,0000	Long Beach		
	California			
+				
+	KI4PPF	A	1284,0000	
	-12,0000	Hundsville	Alabama	
+				
+	KI4PPF	B	443,3750	
	5,0000	Hundsville	Alabama	
+				
+	KI4PPF	C	145,4300	
	-6,0000	Hundsville	Alabama	

+	
+	KI4SAZ A 1285,0000
+	-20,0000 Mobile Bay
	Mississippi
+	
+	KI4SAZ B 444,3000
+	5,0000 Mobile Bay Mississippi
+	
+	KI4SAZ C 145,3100
+	-0,6000 Mobile Bay Mississippi
+	
+	KI4SBA A 1284,4000
+	-12,0000 Atlanta Georgia
+	
+	KI4SBA B 444,3500
+	5,0000 Atlanta Georgia
+	
+	KI4SBA C 145,2000
+	-0,6000 Atlanta Georgia
+	
+	KI4SBB A 1282,5000
+	-12,0000 Birmingham
	Alabama
+	
+	KI4SBB B 443,9750
+	5,0000 Birmingham Alabama
+	
+	KI4SBB C 145,4800
+	0,6000 Birmingham Alabama
+	
+	KI4TMJ A 1284,0000
+	-12,0000 Gulfport Mississippi
+	
+	KI4TMJ B 444,4750
+	5,0000 Gulfport Mississippi

+	
+	KI4TMJ C 145,1700 -0,6000 Gulfport Mississippi
+	
+	KI4WXS A 1284,0000 -12,0000 Gstonia Carolina
+	
+	KI4WXS B 443,8625 5,0000 Gstonia Carolina
+	
+	KI4WXS C 145,1400 -0,6000 Gstonia Carolina
+	
+	KI6JKA B 447,2000 -5,0000 Los Angeles California
+	
+	KI6JUL A 1286,5250 -12,0000 Los Angeles California
+	
+	KI6JUL C 145,6800 -0,6000 San Jose California
+	
+	KI6KQU B 447,8400 -5,0000 San Diego California
+	
+	KI6MGN B 445,8600 -5,0000 San Diego N California
+	
+	KI6MGN C 145,5850 -0,6000 San Diego N California
+	

+	KI4ACN -20,0000	A Tampa	1293,5500 Florida	
+				
+	KI4ACN 5,0000	B Tampa	444,7750 Florida	
+				
+	KI4ACN 0,6000	C Tampa	147,3750 Florida	
+				
+	KI4ARB -20,0000	A Tampa	1293,0000 Florida	
+				
+	KI4ARB 5,0000	B Tampa	444,6750 Florida	
+				
+	KI4ARB 0,6000	C Tampa	147,0100 Florida	
+				
+	KI4BDF ???	B Atlanta	440,7250 Gorgia	
+				
+	KI4BWK 5,0000	B Columbia	443,2000 Carolina	
+				
+	KI4BWK -0,6000	C Columbia	145,4000 Carolina	
+				
+	KI4BYI 5,0000	B Tampa	442,7625 Florida	
+				
+	KI4FCS 5,0000	B Columbia	442,7750 Carolina	
+				

+	KI4GGV	A	1282,7000	
	-12,0000	Savannah	Gorgia	
+				
+	KI4GGV	B	440,7000	
	5,0000	Savannah	Gorgia	
+				
+	KI4GGV	C	145,3000	
	-0,6000	Savannah	Gorgia	
+				
+	KL7FF	C	147,3800	
	0,6000	Ketchikan	Alaska	
+				
+	KR7ST	A	1284,7500	
	-12,0000	Tuscon	Arizona	
+				
+	KR7ST	B	445,9500	
	-5,0000	Tuscon	Arizona	
+				
+	KR7ST	C	147,4100	
	-1,0000	Tuscon	Arizona	
+				
+	KT7APR	B	443,6250	
	5,0000	Lima	Ohio	
+				
+	KX4DOR	B	442,8375	
	5,0000	Charleston	South	
	Carolina			
+				
+	KX4DOR	C	145,2800	
	-0,6000	Charleston	South	
	Carolina			
+				
+	N1HIT	B	448,8750	
	-5,0000	Manchester	New	
	Hampshire			

+	
+	N1HIT C 145,4000 -0,6000 Manchester New Hampshire
+	
+	N4USI B 442,4125 5,0000 Washington W Maryland
+	
+	N4USI C 145,4500 -0,6000 Washington W Maryland
+	
+	N7ARR B 446,8000 -5,0000 Las Vegas Nevada
+	
+	N7CI B 445,8500 -5,0000 Phoenix Ost Arizona
+	
+	N7IH A 1294,0000 -20,0000 Seattle Washington
+	
+	N7IH B 443,5750 5,0000 Seattle Washington
+	
+	N7IH C 145,2900 0,6000 Seattle Washington
+	
+	NE4SC B 442,7875 5,0000 Conway South Carolina
+	
+	NE4SC C 144,9800 2,5000 Conway South Carolina
+	

+	NI4CE 5,0000	B	444,4250 Tampa SO	Florida
+				
+	NJ2DG -12,0000 Jersey	A	1284,0000 New York SW	New
+				
+	NJ2DG 5,0000 Jersey	B	441,6500 New York SW	New
+				
+	NJ2DG -0,6000 Jersey	C	145,1400 New York SW	New
+				
+	NJ2DS 12,0000 Jersey	A	1255,3000 Philadelphia S	New
+				
+	NJ2DS -5,0000 Jersey	B	447,4750 Philadelphia S	New
+				
+	NJ2DS -0,6000 Jersey	C	146,7750 Philadelphia S	New
+				
+	NJ2MC ??? Jersey	B	446,6250 New York W	New
+				
+	NJ2MC ??? Jersey	C	146,7150 New York W	New
+				

+	NM5WR	B	442,4250	
	5,0000	Santa FE	New	
	Mexico			
+				
+	NS9RC	A	1292,2000	
	-20,0000	Cikago	Iowa	
+				
+	NS9RC	B	442,0938	
	5,0000	Cikago	Iowa	
+				
+	NT5RN	A	1293,5000	
	-20,0000	Dallas	Texas	
+				
+	NT5RN	B	443,0250	
	5,0000	Dallas	Texas	
+				
+	NT5RN	C	145,1500	
	-0,6000	Dallas	Texas	
+				
+	NV4FM	A	1282,8000	
	-12,0000	Washigton W		
	Maryland			
+				
+	NV4FM	B	448,0350	
	-5,0000	Washigton W		
	Maryland			
+				
+	NV4FM	C	145,3400	
	-6,0000	Washigton W		
	Maryland			
+				
+	W0CDS	A	1283,9625	
	-12,0000	Denver	Colorado	
+				
+	W0CDS	B	446,9625	
	-5,0000	Denver	Colorado	

+	
+	W0CDS C 145,2500 -0,6000 Denver Colorado
+	
+	W0CW A 1285,0500 -12,0000 Kansas City Kansas
+	
+	W0CW B 443,4000 5,0000 Kansas City Kansas
+	
+	W0MAO B 442,2500 5,0000 Lincoln Nebraska
+	
+	W0MAO C 145,2500 -0,6000 Lincoln Nebraska
+	
+	W0OMD B 442,2250 5,0000 Springfield Missouri
+	
+	W0OMD C 146,7750 -0,6000 Springfield Missouri
+	
+	W0SCI B 443,1750 5,0000 Des Moines Iowa
+	
+	W0SCI C 145,3500 -0,6000 Des Moines Iowa
+	
+	W1IXU B 448,3750 ??? Bristol Connecticut
+	
+	W1IXU C 147,4150 ??? Bristol Connecticut
+	

	W1KK	A	1282,5000	
+	-12,0000	Chicopee		
	Massachusetts			
+				
	W1KK	B	449,1750	
+	-5,0000	Chicopee		
	Massachusetts			
+				
	W1KK	C	145,1500	
+	-0,6000	Chicopee		
	Massachusetts			
+				
	W2DGL	A	1293,0500	
+	-20,0000	New York W	New	
	Jersey			
+				
	W2DGL	C	146,4450	
+	1,0000	New York W	New	
	Jersey			
+				
	W3EOC	A	1255,5000	
+	12,0000	Philadelphia West		
	Pensilvenia			
+				
	W3EOC	B	445,0750	
+	-5,0000	Philadelphia West		
	Pensilvenia			
+				
	W3EOC	C	146,4900	
+	1,0000	Philadelphia West		
	Pensilvenia			
+				
	W3EXW	B	444,3500	
+	5,0000	Pittsburg	Pensilvenia	
+				
	W3OI	B	445,0250	
+	-5,0000	Pittsburg	Pensilvenia	

+	
+	W3OI C 147,1650 0,6000 Allentown Pensilvenia
+	
+	W4AES A 1291,3000 -20,0000 Orlando Florida
+	
+	W4AES B 442,0250 5,0000 Orlando Florida
+	
+	W4AES C 145,2900 -6,0000 Orlando Florida
+	
+	W4AP A 1284,0000 -12,0000 Montgomery Alabama
+	
+	W4AP B 443,9750 5,0000 Montgomery Alabama
+	
+	W4AP C 146,9200 -0,6000 Montgomery Alabama
+	
+	W4BBR A 1284,6000 -12,0000 Virginia Beach Virginia
+	
+	W4BBR B 441,9000 5,0000 Virginia Beach Virginia
+	

+	W4BBR	C	145,3500	
	-0,6000	Virginia Beach		
	Virginia			
+				
+	W4BUG	A	1291,6000	
	-20,0000	Fort Lauderdale		
	Florida			
+				
+	W4BUG	B	442,2000	
	5,0000	Fort Lauderdale		
	Florida			
+				
+	W4BUG	C	145,3400	
	-0,6000	Fort Lauderdale		
	Florida			
+				
+	W4DOC	A	1282,6000	
	-12,0000	Atlanta	Alabama	
+				
+	W4DOC	B	440,6000	
	???	Atlanta	Alabama	
+				
+	W4DOC	C	145,3500	
	-0,6000	Atlanta	Alabama	
+				
+	W4DSI	B	444,1250	
	5,0000	Lexigton	Kentuky	
+				
+	W4DSI	C	146,9400	
	-0,6000	Lexigton	Kentuky	
+				
+	W4HFH	A	1284,6000	
	-12,0000	Washigton W		
	Maryland			
+				

	W4HFH	B	442,0600	
+	5,0000	Washigton W		
	Maryland			
+				
	W4HFH	C	145,3800	
+	-0,6000	Washigton W		
	Maryland			
+				
	W4HRS	A	1284,2250	
+	-12,5000	Charleston	South	
	Carolina			
+				
	W4HRS	B	444,1125	
+	5,0000	Charleston	South	
	Carolina			
+				
	W4HRS	C	145,1600	
+	-0,6000	Charleston	South	
	Carolina			
+				
	W4KCQ	A	1284,4000	
+	-20,0000	Tuscalosa	Alabama	
+				
	W4KCQ	B	442,0750	
+	5,0000	Tuscalosa	Alabama	
+				
	W4KCQ	C	146,6050	
+	-0,6000	Tuscalosa	Alabama	
+				
	W4PL	A	1291,0000	
+	-20,0000	Chattanooga		
	Tennessee			
+				
	W4PL	B	443,1500	
+	5,0000	Chattanooga		
	Tennessee			

+	
+	W4PL C 145,2900 -0,6000 Chattanooga Tennessee
+	
+	W4RNT B 444,8125 5,0000 Tampa Florida
+	
+	W4TTR B 442,9000 5,0000 Birmingham Ost Alabama
+	
+	W4TTR C 145,3500 -0,6000 Birmingham Ost Alabama
+	
+	W4WBC A 1283,5000 -12,0000 Huntsville Alabama
+	
+	W4WBC B 443,4250 5,0000 Huntsville Alabama
+	
+	W4WBC C 145,3600 -0,6000 Huntsville Alabama
+	
+	W5GAD A 1285,0000 -12,0000 New Orleans Lousiana
+	
+	W5GAD B 444,9250 5,0000 New Orleans Lousiana
+	
+	W5GAD C 146,9250 -0,6000 New Orleans Lousiana

+

+

W5HAT	B	440,6250	
5,0000	Waco	Texas	

+

+

W5HAT	C	147,2400	
0,6000	Waco	Texas	

+

+

W5HDR	A	1293,0000	
-20,0000	Houston	Texas	

+

+

W5HDR	B	440,6000	
5,0000	Houston	Texas	

+

+

W5HDR	C	146,4700	
1,0000	Houston	Texas	

+

+

W5HDT	A	1293,2000	
-20,0000	Houston	Texas	

+

+

W5LM	B	440,6750	
5,0000	Austin	Texas	

+

+

W5NGU	A	1293,4000	
-20,0000	Dallas	Texas	

+

+

W5NGU	B	442,9250	
5,0000	Dallas	Texas	

+

+

W5NGU	C	147,4500	
-1,0000	Dallas	Texas	

+

+

W5NRU	B	441,8125	
5,0000	Laurel	Mississippi	

+

+	W5OKT 5,0000	B	444,2750 Woodward	Kansas
+				
+	W5SHV -20,0000	A	1293,0000 Shreveport	Texas
+				
+	W5SHV 5,0000	B	442,0000 Shreveport	Texas
+				
+	W5SHV 0,6000	C	147,3000 Shreveport	Texas
+				
+	W5ZDN -0,6000	C	146,9800 Waco	Texas
+				
+	W6CO 5,0000	B	440,0500 Napa	California
+				
+	W6DHS -12,0000	A	1284,5000 Sacramento Ost	California
+				
+	W6DHS 5,0000	B	440,6000 Sacramento Ost	California
+				
+	W6DHS -0,4000	C	144,9600 Sacramento Ost	California
+				
+	W6HRO -12,0000	A	1282,5500 Los Angeles	California
+				

	W6HRO	B	447,8000	
+	-5,0000	Los Angeles		
	California			
+				
	W6HRO	C	145,6150	
+	-0,6000	Los Angeles		
	California			
+				
	W6YYY	B	440,0375	
+	5,0000	Oakland	California	
+				
	W7AES	A	1282,3900	
+	???	Las Vegas	Nevada	
+				
	W7AES	B	449,5750	
+	-5,0000	Las Vegas	Nevada	
+				
	W7AES	C	145,1450	
+	-0,6000	Las Vegas	Nevada	
+				
	W7DIN	B	445,9750	
+	-5,0000	Yuma	Arizona	
+				
	W7GC	C	147,3900	
+	0,6000	Portland West		
	Oregon			
+				
	W7MOT	A	1283,9000	
+	-12,0000	Phoenix	Arizona	
+				
	W7MOT	B	440,8125	
+	5,0000	Phoenix	Arizona	
+				
	W7MOT	C	145,1350	
+	-0,6000	Phoenix	Arizona	

+	
+	W7URG B 441,9500 5,0000 Hermiston Oregon
+	
+	W7URG C 147,3900 0,6000 Hermiston Oregon
+	
+	W7VOI B 444,3500 5,0000 Nmapa Montana
+	
+	W8BI B 443,7500 5,0000 Dayton Ohio
+	
+	W8BI C 147,1100 0,6000 Dayton Ohio
+	
+	W8DIG A 1285,0000 -12,0000 Columbus Ohio
+	
+	W8DIG B 442,6500 5,0000 Columbus Ohio
+	
+	W8DIG C 145,3900 -0,6000 Columbus Ohio
+	
+	W8LIV B 444,0375 5,0000 Detroid West Michigan
+	
+	W8LIV C 145,3200 -0,6000 Detroid West Michigan
+	
+	W8RNL A 1293,0000 -20,0000 Cincinati Indiana

+	
+	W8RNL B 442,6250 5,0000 Cincinnati Indiana
+	
+	W8RNL C 145,1600 -0,6000 Cincinnati Indiana
+	
+	W8SHI B 444,3000 5,0000 Flint Michigan
+	
+	W8SHI C 145,2400 -0,6000 Flint Michigan
+	
+	W9ARP B 444,3000 5,0000 Indianapolis N Indiana
+	
+	W9ARP C 146,7300 -0,6000 Indianapolis N Indiana
+	
+	W9BCC A 1282,1000 -12,0000 Wausau Wisconsin
+	
+	W9ICE B 444,1250 5,0000 Indianapolis Indiana
+	
+	W9ICE C 147,3900 0,6000 Indianapolis Indiana
+	
+	W9PIA A 1292,4000 -20,0000 Dallas Texas
+	
+	W9PIA B 443,4688 5,0000 Dallas Texas

+	
+	W9PIA C 145,1050 -0,6000 Dallas Texas
+	
+	W9YR B 443,4813 5,0000 Champaign Illinois
+	
+	WA5UNH B 440,7000 5,0000 San Antonio Texas
+	
+	Wa6IRC A 1282,6500 -12,0000 Los Angeles California
+	
+	Wa6IRC B 447,0400 -5,0000 Los Angeles California
+	
+	Wa6IRC C 145,6050 -0,6000 Los Angeles California
+	
+	WA7FW B 443,8500 5,0000 Seattle Washigton
+	
+	WA7FW C 147,0400 0,6000 Seattle Washigton
+	
+	WB4GNA A 1285,0000 -12,0000 Atlanta W Alabama
+	
+	WB4GNA B 442,4250 5,0000 Atlanta W Alabama
+	

+	WB4GNA -0,6000	C Atlanta W	145,3000 Alabama	
+				
+	WD4STR -12,0000 Alabama	A Atlanta Ost	1282,5500	
+				
+	WD4STR 5,0000	B Atlanta Ost	440,5500 Alabama	
+				
+	WD4STR -0,6000	C Atlanta Ost	146,9700 Alabama	
+				
+	WD5AAI -20,0000 Oklahoma	A Oklahoma City	1293,0000	
+				
+	WD5AAI 5,0000 Oklahoma	B Oklahoma City	442,6250	
+				
+	WD5AAI 0,6000 Oklahoma	C Oklahoma City	147,3450	
+				
+	WD5STR 5,0000	B San Antonio	440,6000 Texas	
+				
+	WD5STR 1,0000	C San Antonio	146,4900 Texas	
+				
+	WD8MKG 5,0000	B Muskegon	444,0125 Michigan	
+				
+	WD8MKG -0,6000	C Muskegon	145,3600 Michigan	

+	
+	WH6DIG B 444,9250 5,0000 Honolulu Hawaii
+	
+	WH6DIG C 147,1800 0,6000 Honolulu Hawaii
+	
+	WR9AND B 441,8000 5,0000 Indianapolis Indiana
+	
+	WS4VA A 1282,2000 -20,0000 Washigton S Maryland
+	
+	WS4VA B 447,3750 -5,0000 Washigton S Maryland
+	
+	WS4VA C 145,3200 -0,6000 Washigton S Maryland
+	
+	WU5PIG B 442,6000 5,0000 Fort Smith Arkansas
+	
+	WX4GPB A 1282,7000 -12,0000 Atlanta Geogia
+	
+	WX4GPB B 440,7000 5,0000 Atlanta Geogia
+	
+	WX4GPB C 144,9600 2,5000 Atlanta Geogia
+	

	+	WX8GRR B 442,5500 5,0000 Grand Rapids Michigan
	+	WX8GRR C 147,2900 0,6000 Grand Rapids Michigan
-		== sonstige Länder: ==
-	+	Diese werden demnächst hier oder in einer eigenen Liste angeführt: (USA.
		Nochmals die Bemerkung: Diese Liste kann nicht garantieren, welche Repeater derzeit qrv sind.

Aktuelle Version vom 29. Oktober 2014, 19:04 Uhr

Bei der IARU Konferenz 2008 in Cavtat wurden folgende Frequenzbereiche für D-Star vorgesehen. Bitte beachten Sie das auch noch analoger Funkbetrieb auf den Frequenzen durchgeführt wird. Beobachten Sie die Frequenz im Mode FM bevor Sie auf D-Star umstellen.

Inhaltsverzeichnis

1 Frequenzen der Österreichischen Relais:	51
1.1 QRG für Wien AKH:	51
1.2 QRG für Mönichkirchen	51
1.3 QRG für Breitenriegel:	51
1.4 QRG für Linz - Breitenstein:	51
1.5 QRG für Graz-Dobl:	51
1.6 QRG für Graz-Plabutsch:	51
1.7 QRG für Lachtal Klosterneuburgerhütte:	51
1.8 QRG für Mayrhofen/Zillertal - Ahornbahn:	51
1.9 QRG für Hintertux/Zillertal - Penken:	52
1.10 QRG für Kramsach/Rofan - Roskogel:	52
1.11 QRG für Innsbruck - Hoadl:	52
1.12 QRG für Landeck/Oberland - Krahberg:	52
1.13 QRG für Pyramidenkogel:	52
2 Direktfrequenzen:	52
2.1 2m	52
2.2 70cm	52
2.3 23cm	52

3	Frequenzen ausländischer Relais:	52
3.1	D-STAR Relaisliste Portugal:	53
3.2	D-STAR Relaisliste Deutschland:	53
3.3	D-STAR Relaisliste Spanien:	55
3.4	D-STAR Relaisliste Frankreich:	56
3.5	D-STAR Relaisliste England:	56
3.6	D-STAR Relaisliste Schweiz:	57
3.7	D-STAR Relaisliste Italien:	57
3.8	D-STAR Relaisliste Norwegen:	58
3.9	D-STAR Relaisliste Argentinien:	58
3.10	D-STAR Relaisliste Belgien:	59
3.11	D-STAR Relaisliste Dänemark:	59
3.12	D-STAR Relaisliste Holland:	59
3.13	D-STAR Relaisliste Brasilien:	59
3.14	D-STAR Relaisliste Slowenien:	59
3.15	D-STAR Relaisliste Griechenland:	59
3.16	D-STAR Relaisliste Canada:	59
3.17	D-STAR Relaisliste Australien:	61
3.18	D-STAR Relaisliste USA:	62

Frequenzen der Österreichischen Relais:

QRG für Wien AKH:

Repeater: OE1XDS "B" Frequenz: 438,525 MHz - Shift -7,600 MHz

Repeater: OE1XDS "A" Frequenz: 1298,650 MHz - Shift -28,000 MHz derzeit nicht in Betrieb

Standort: AKH 1090 Wien

QRG für Mönichkirchen

Repeater: OE3XWW "B" Frequenz: 438.575 MHz - Shift -7,600 MHz

Repeater: OE3XWW "C" Frequenz: 145,7625 MHz - Shift -0,6 MHz Standort: Mönichkirchen

QRG für Breitenriegel:

Repeater OE4XUB "B" Frequenz: 438,550 MHz - Shift -7,6 MHz

QRG für Linz - Breitenstein:

Repeater: OE5XOL "B" Frequenz: 438,525 - Shift - 7,600 MHz

QRG für Graz-Dobl:

Repeater: OE6XFE "C" Frequenz: 145,6375 MHz - Shift - 0,600 MHz

Standort: alter Mittelwellen-Sendemast in Dobl in 125m Höhe

QRG für Graz-Plabutsch:

Repeater: OE6XDE "B" Frequenz: 438,900 MHz - Shift - 7,600 MHz

Standort: Graz-Plabutsch, Fürstenstand

QRG für Lachtal Klosterneuburgerhütte:

Repeater: OE6XDG "C" Frequenz: 145.700 MHz - Shift -0,6 MHz

QRG für Mayrhofen/Zillertal - Ahornbahn:

Repeater: OE7XZT "B" Frequenz: 438.975 MHz - Shift -7,6 MHz

QRG für Hintertux/Zillertal - Penken:

Repeater: OE7XTT "B" Frequenz: 438.550 MHz - Shift -7,6 MHz

QRG für Kramsach/Rofan - Roskogel:

Repeater: OE7XXR "B" Frequenz: 438.200 MHz Shift -7,6 MHz

QRG für Innsbruck - Hoadl:

Repeater: OE7XHR "B" Frequenz: 438.050 MHz - Shift -7,6 MHz

QRG für Landeck/Oberland - Krahberg:

Repeater: OE7XKR "B" Frequenz: 438.500 MHz - Shift -7,6 MHz

QRG für Pyramidenkogel:

Repeater: OE8XKK "C" Frequenz: 145,5875 MHz - Shift -0.600 MHz

Direktfrequenzen:**2m**

im Bereich von **145.225 bis 145.575** sind alle Frequenzen auch für den digitalen Betrieb (Sprache) vorgesehen.

145.375 digital Anruf Frequenz

70cm

im Bereich **433.400 bis 433.575** sind alle Frequenzen auch für den digitalen Betrieb (Sprache) vorgesehen.

433.450 digital Anruf Frequenz

23cm

im Bereich **1297.500 bis 1297.975** sind alle Frequenzen auch für den digitalen Betrieb (Sprache) vorgesehen.

1297.725 digital Anruf Frequenz

1297.900-1297.975 Simplex FM Internet voice gateways

Frequenzen ausländischer Relais:

Dazu eine Vorbemerkung:

Es werden in dem D_STAR System immer wieder Änderungen vorgenommen. Teilweise werden Frequenzen und/oder Rufzeichen geändert. Ausserdem ist nicht gesichert, dass die hier angeführten Repeater immer qrv sind. Man sollte sich in jedem Fall noch vor der Benützung informieren. Dies geschieht am besten, auch wenn diese Liste nicht immer am aktuellsten Stand, ist auf dieser Internetseite:

D-STAR Repeaters

Angeführt ist : Rufzeichen, "A,B,C,D", Ausgabefrequenz, Shift, Standort in der Nähe von,

D-STAR Relaisliste Portugal:

CQ0DAH B 438,45000 -7,6000 Teneriffa
CQ0DCH B 438,57500 -7,6000 Chaves
CQ0DFO B 438,57500 -7,6000 Albufeira
CQ0DLR B 438,52500 -7,6000 Alcobaca
CQ0DLX B 438,55000 -7,6000 Lisboa
CQ0DSA B 438,47500 -7,6000 Lisboa Süd

D-STAR Relaisliste Deutschland:

Teilweise noch kein Gateway, daher nur lokal!

DB0AB B 439,45000 -0,6000 Arberg
DB0ADB B 439,55000 -7,6000 Bamberg
DB0ALG B 439,46250 -7,6000 Allgäu
DB0BHN B 439,53750 -7,6000 Bremerhaven
DB0BOS B 439,51250 -7,6000 Odenwald
DB0BS B 439,45000 -7,6000 Bochum
DB0DBN B 439,53125 -7,6000 Bonn
DB0DDE B 439,53750 -7,6000 Essen
DB0DDO C 145,72500 -0,6000 Dortmund
DB0DDS B 439,48750 -7,6000 Dortmund
DB0DF B 439,46250 -7,6000 Berlin
DB0DJ A 1298,57500 -28,0000 Karlsruhe

DB0DJ B 439,50000 -7,6000 Karlsruhe
DB0DJ C 145,76250 -0,6000 Karlsruhe
DB0DZ C 145,68750 -0,6000 Düsseldorf
DB0FEU B 439,50000 -7,6000 Feuchtwangen
DB0FHW B 439,48750 -7,6000 Braunschweig
DB0FS B 439,56250 -7,6000 Hamburg Nord
DB0FWS B 439,53750 -7,6000 Würzburg Nord
DB0HAA B 439,58750 -7,6000 Hagen
DB0HMB A 1298,72500 -28,0000 Hamburg
DB0HMB B 439,51250 -7,6000 Hamburg
DB0HOT B 439,50000 -7,6000 Lobsdorfer Höhe
DB0HRF B 439,45000 -7,6000 Frankfurt
DB0HRM B 439,52500 -7,6000 Kassel
DB0HRR C 145,70000 -0,6000 Bad Hersfeld
DB0HSK B 439,50625 -7,6000 Meschede
DB0IKS B 439,46250 -7,6000 Saarbrücken
DB0LBX B 439,55000 -7,6000 Stuttgart
DB0LE B 439,57500 -7,6000 Leipzig
DB0MFR B 439,47500 -7,6000 Hemmor
DB0MYK B 439,56250 -7,6000 Koblenz
DB0NG A 1298,57500 -28,0000 Marl
DB0NG B 439,57500 -7,6000 Marl
DB0NU B 439,50000 -7,6000 Altenstein
DB0RDH A 1298,45000 -28,0000 Straubing
DB0RDH B 439,47500 -7,6000 Straubing
DB0RDH C 145,76250 -0,6000 Straubing
DB0RKB B 439,58750 -7,6000 Rhön
DB0SAT A 1298,75000 -28,0000 Hamburg Wilhelmsburg
DB0SAT B 439,50000 -7,6000 Hamburg Wilhelmsburg

DB0SAT C 145,77500 -0,6000 Hamburg Wilhelmsburg

DB0SEN B 439,54375 -7,6000 Münster

DB0SIF B 439,48750 -7,6000 Giesen

DB0SN B 439,50000 -7,6000 Göttingen

DB0SZS C 145,63750 -0,6000 Osnabrück

DB0SZS B 439,50000 -7,6000 Osnabrück

DB0TVM B 439,57500 -7,6000 München

DB0VOX B 439,52500 -7,6000 Nürnberg

DB0WIM B 439,56250 -7,6000 Landau/Pfalz

DB0WK B 439,46250 -7,6000 Rhön

DB0WZ A 1298,32500 -28,0000 Würzburg

DB0WZ B 439,47500 -7,6000 Würzburg

DB0WZ C 145,72500 -0,6000 Würzburg

DB0WZB B 439,48750 -7,6000 Veitshöchheim

DB0XPO B 439,55000 -7,6000 Hannover

DB0ZB B 439,56250 -7,6000 Bayreuth

DB0ZO C 145,75000 -0,6000 Bad Iburg

DB0ZO B 439,56250 -7,6000 Bad Iburg

DF0HHH B 439,57500 -7,6000 Hamburg

DF0HMR B 439,47500 -7,6000 Duisburg

DF0HMR C 145,60000 -0,6000 Duisburg

DM0FI B 439,45000 -7,6000 Erzgebirge

DM0HMB A 1298,70000 -28,0000 Hamburg

DM0HMB B 439,45000 -7,6000 Hamburg

DM0HMB C 145,78750 -0,6000 Hamburg

DM0MW B 439,55000 -7,6000 Dresden

DM0XX B 439,51250 -7,6000 Bremen

D-STAR Relaisliste Spanien:

EA3RCC B 438,47500 -7,6000 Barcelona

EA5A B 438,20000 -7,6000 Valencia

D-STAR Relaisliste Frankreich:

F1ZPL B 430,26250 9,4000 Paris

F1ZPL C 145,51250 -0,6000 Paris

D-STAR Relaisliste England:

GB7AD B 439,91250 -9,0000 Bristol

GB7AI B 430,82500 7,6000 London Northwest

GB7AU B 439,70000 -9,0000 London Northwest

GB7CD B 439,70000 -9,0000 Bristol West

GB7DB B 439,66250 -9,0000 London Nord

GB7DE B 439,60000 -9,0000 Edinburg Nord

GB7DE C 145,63750 -0,6000 Edinburg Nord

GB7DG B 439,70000 -9,0000 Glasgow

GB7DG C 145,77500 -0,6000 Glasgow

GB7DS A 1290,15000 -20,0000 Heme Bay

GB7DV B 439,61250 -9,0000 Warnigton

GB7DW C 145,61250 -0,6000 Glasgow Süd

GB7DX B 439,70000 -9,0000 Asford

GB7FK B 439,73750 -9,0000 Dover

GB7FK C 145,78750 -0,6000 Dover

GB7GD C 145,68750 -0,6000 Aberdeen

GB7HD B 439,45000 -9,0000 Leeds

GB7IC A 1290,65000 -20,0000 Canterbury

GB7IC B 439,45000 -9,0000 Canterbury

GB7JF B 439,63750 -9,0000 Northhampton

GB7JH B 439,71250 -9,0000 Worthing

GB7NM B 439,46250 -9,0000 Manchester

GB7PI B 439,91250 -9,0000 Cambridge

GB7SF B 439,73750 -9,0000 Sheffield
GB7SF C 145,73750 -0,6000 Sheffield
GB7SS B 439,73750 -9,0000 Southend
GB7SY B 439,70000 -9,0000 Birmingham
GB7WC B 439,78750 -9,0000 Liverpool
GB7WF B 439,48750 -9,0000 Birmingham Südwest
GB7WP B 439,91250 -9,0000 Liverpool Süd
GB7WT B 439,60000 -9,0000 Liverpool Central
GB7YD B 439,60000 -9,0000 Leeds
GB7YD C 145,67500 -0,6000 Leeds
GB7ZI B 439,68750 -9,0000 Birmingham Nord

D-STAR Relaisliste Schweiz:

HB9AR B 439,32500 -7,6000 Genf
HB9AW C 145,78750 -0,6000 Willisau/Luzern
HB9AW B 439,12500 -7,6000 Willisau/Luzern
HB9BO B 439,52500 -7,6000 Bern
HB9BO C 145,61250 -0,6000 Bern
HB9F B 438,32500 -7,6000 Bern City
HB9HD C 145,58750 -0,6000 Zürich Ost (Winterthur)
HB9IAC C 145,76250 -0,6000 Genf Nord
HB9LU B 439,57500 -7,6000 Luzern

D-STAR Relaisliste Italien:

IQ2GM A 1297,27500 -6,0000 Milano Nordwest
IQ2GM B 430,20000 1,6000 Milano Nordwest
IQ4GS B 431,52500 1,6000 La Spezia
IQ4GS C 144,86250 0,6000 La Spezia
IR0UAC A 1297,47500 -55,0000 Rom
IR0UAC B 430,02500 5,0000 Rom
IR1CJ C 144,98750 1,0000 Turin

IR1UDI B 430,02500 1,6000 Casale
IR1UDI C 145,68750 -0,6000 Casale
IR2UDY B 431,50000 1,6000 Milano
IR3CZ B 431,52500 1,6000 Veneto
IR3DA A 1297,00000 -30,0000 Venecia
IR3DA B 430,01250 5,0000 Venecia
IR3DA C 145,80000 -0,6000 Venecia
IR3DB B 430,45000 5,0000 Verona
IR3UEF B 431,47500 1,6000 Padua
IR3UEF B 145,97500 -1,1000 Padua
IR4UBL B 430,56250 5,0000 Verona Süd
IR5UH B 431,51200 1,6000 Firenze
IR6UBM B 430,11250 1,6000 Vasto
IR7AZ C 145,97500 -1,2500 Bari Nord
IR7UBA B 430,30000 5,0000 Bari Süd
IR8AW B 430,42500 5,0000 Napoli
IR8BT B 430,45000 5,0000 Salerno
IR8CA B 430,47500 5,0000 Napoli Süd
IR8CA C 145,66250 -0,6000 Napoli Süd
IR8UAF B 430,50000 5,0000 Napoli Nord
IR9G C 145,66250 -0,6000 Palermo

D-STAR Relaisliste Norwegen:

LD3DV B 434,52500 -2,0000 Oslo

D-STAR Relaisliste Argentinien:

LU3AOC A 1282,00000 -12,0000 Buenos Aires
LU3AOC B 434,95000 5,0000 Buenos Aires
LU3AOC C 147,34500 -0,6000 Buenos Aires
LU5FB C 147,03000 0,6000 Rosario

D-STAR Relaisliste Belgien:

ON0CPS B 439,56250 -7,6000 Charleroi

ON0OS B 439,50000 -7,6000 Ostende

ON0OS C 145,71250 -0,6000 Ostende

ON0WV B 439,56250 -7,6000 Bruegge

D-STAR Relaisliste Dänemark:

OZ2REA B 434,93750 -2,0000 Kopenhagen

OZ2REA C 145,78750 -0,6000 Kopenhagen

OZ2REB C 145,76875 -0,6000 Odense

OZ4RED B 434,91250 -2,0000 Holbeak

OZ4RED C 145,63750 -0,6000 Holbeak

OZ9RET B 434,98750 -2,0000 Visby

OZ9RET C 145,66250 -0,6000 Visby

D-STAR Relaisliste Holland:

PI1DSA B 439,82500 -9,4000 Utrecht

PI1HWB B 430,92500 7,6000 Rotterdam

D-STAR Relaisliste Brasilien:

PY2KPP C 145,41000 -0,6000 Sao Paulo

D-STAR Relaisliste Slowenien:

S55DGO B 438,50000 -7,6000 Gorica

S55DLJ B 438,20000 -7,6000 Lublijana

S55DMX B 438,35000 -7,6000 Maribor

D-STAR Relaisliste Griechenland:

SV3G B 439,40000 -7,6000 unbekannt

SZ1SV A 1270,02500 28,0000 Athen

SZ1SV B 439,42500 -7,6000 Athen

D-STAR Relaisliste Canada:

VA2RKA B 446,15000 5,0000 Montreal
VA2RKB C 146,89500 -0,6000 Montreal
VA3NAG A 1282,50000 -12,0000 Buffalo
VA3ODG A 1282,00000 -12,0000 Ottawa
VA3ODG B 444,85000 5,0000 Ottawa
VA3ODG C 145,53000 -0,6000 Ottawa
VA7ICM A 1247,00000 12,0000 Vancouver
VA7ICM B 442,00000 5,0000 Vancouver
VA7ICM C 145,04000 0,6000 Vancouver
VE2LKL B 449,17500 -5,0000 Quebec
VE2LKL C 147,27000 -0,6000 Quebec
VE2RIO A 1283,00000 -12,0000 Montreal
VE2RIO B 449,92500 -5,0000 Montreal
VE2RIO C 144,95000 -0,6000 Montreal
VE2RMF A 1283,00000 -20,0000 Quebec
VE2RMF B 449,92500 -5,0000 Quebec
VE2RMF C 144,95000 -0,6000 Quebec
VE2RQF C 145,33000 -0,6000 Sherbrooke
VE2RTO B 442,00000 5,0000 Magog
VE2RVR B 444,20000 5,0000 Montreal
VE2TXD B 441,17000 5,0000 Victonville
VE2TXD C 144,81000 0,6000 Victonville
VE3RPT B 443,22500 5,0000 Toronto
VE3RXR C 145,31000 -0,6000 Sudbury
VE3TTT B 442,30000 5,0000 Hamilton
VE3WIK B 443,63750 5,0000 Hamilton
VE3WIK C 146,71500 -0,6000 Hamilton
VE3YYZ A 1287,50000 -12,0000 Toronto

VE3YYZ B 442,70000 5,0000 Toronto
VE3YYZ C 144,93000 0,6000 Toronto
VE6GHZ A 1287,97500 -12,0000 Calgary
VE6GHZ B 444,95000 5,0000 Calgary
VE6GHZ C 147,09000 0,6000 Calgary
VE6IPG A 1275,95000 12,0000 Calgary
VE6IPG B 444,96250 5,0000 Calgary
VE6IPG C 147,28500 0,6000 Calgary
VE6KM A 1295,12950 ??? Edmonton
VE6KM B 444,90000 5,0000 Edmonton
VE6KM C 145,47000 -0,6000 Edmonton
VE6WRN A 1287,50000 -20,0000 Calgary
VE6WRN B 444,92500 5,0000 Calgary
VE6WRN C 146,80500 -0,6000 Calgary
VE7RAG A 1291,94000 -20,0000 Vancouver
VE7RAG B 443,40000 5,0000 Vancouver
VE7RAG C 147,02000 0,6000 Vancouver
VE7VIC A 1291,50000 -20,0000 Victoria
VE7VIC B 442,00000 5,0000 Victoria
VE7VIC C 145,08000 0,6000 Victoria
VO1ILP B 443,40000 5,0000 Neufundland

D-STAR Relaisliste Australien:

VK2RDS A 1273,85000 20,0000 Sydney Süd
VK2RDS B 438,05000 -5,4000 Sydney Süd
VK2RDS C 146,76250 -0,6000 Sydney Süd
VK2RWN A 1273,90000 20,0000 Sydney Nord
VK2RWN B 438,40000 -5,4000 Sydney Nord
VK2RWN C 146,96250 -0,6000 Sydney Nord
VK3RWW B 438,15000 -5,4000 Melbourne Northwest

VK4RDS C 146,73750 -0,6000 Brisbane Nord
VK4RWN A 1273,10000 20,0000 Brisbane Süd
VK4RWN B 438,22500 -5,4000 Brisbane Süd
VK4RWN C 146,83750 -0,6000 Brisbane Süd
VK5REX B 438,22500 -5,4000 Port Lincoln
VK5RWN A 1273,70000 20,0000 Adelaide
VK5RWN B 438,40000 -5,4000 Adelaide
VK5RWN C 146,93750 -0,6000 Adelaide
VK6RWN A 1273,90000 20,0000 Perth
VK6RWN B 438,30000 -5,4000 Perth
VK6RWN C 146,83750 -0,6000 Perth
VK8RAD A 1273,40000 20,0000 Darwin
VK8RAD B 438,75000 -5,0000 Darwin
VK8RAD C 146,70000 -0,6000 Darwin

D-STAR Relaisliste USA:

AA1HD B 442,1500 5,0000 Hartford Connecticut
AA1HD C 145,2600 -0,6000 Hartford Connecticut
AK4EG A 1284,4000 -20,0000 Greensborp Cerolina
AK4EG B 444,8875 5,0000 Greensborp Cerolina
AK4EG C 145,3200 -0,6000 Greensborp Cerolina
K0HAM A 1287,0000 -12,0000 Kansas City Missouri
K0HAM B 442,1250 5,0000 Kansas City Missouri
K0HAM C 145,1200 -0,6000 Kansas City Missouri
K0MDG A 1285,0000 -12,0000 St. Louis Missouri
K0MDG B 442,5750 5,0000 St. Louis Missouri
K0MDG C 147,0375 0,6000 St. Louis Missouri
K1HRO A 1293,1239 -20,0000 Manchester New Hampshire
K1HRO B 444,3500 5,0000 Manchester New Hampshire
K1HRO C 145,3300 -0,6000 Manchester New Hampshire

K1XC A 1285,0000 -12,0000 Orlando Florida
K1XC B 443,2750 5,0000 Orlando Florida
K1XC C 146,8200 -0,6000 Orlando Florida
K2CC A 1284,0000 -12,0000 Canton Vermont
K2CC B 433,3500 5,0000 Canton Vermont
K2DIG A 1293,0000 -20,0000 Manhattan New York
K2DIG B 445,2750 -5,0000 Manhattan New York
K3PDR B 447,6250 -5,0000 Philadelphia New Jersey
K4DSO A 1293,4000 -12,0000 Birmingham Alabama
K4DSO B 443,2000 5,0000 Birmingham Alabama
K4DSO C 145,4100 -0,6000 Birmingham Alabama
K4WAK A 1293,0000 -20,0000 Tallahassee Florida
K4WAK B 443,4500 5,0000 Tallahassee Florida
K4WAK C 146,8350 -0,6000 Tallahassee Florida
K5CTX A 1292,1000 -20,0000 Austin Texas
K5CTX B 440,5250 5,0000 Austin Texas
K5CTX C 147,3400 0,6000 Austin Texas
K5MIJ B 440,6000 5,0000 Dallas Texas
K5PLD C 146,4900 1,0000 Lhasa Tibet
K5RKN B 444,8250 5,0000 Jackson Mississippi
K5RKN C 145,1700 -0,6000 Jackson Mississippi
K5TIT A 1293,0000 -20,0000 Dallas Texas
K5TIT B 442,0000 5,0000 Dallas Texas
K5TIT C 147,3600 0,6000 Dallas Texas
K5ZOE B 443,3250 5,0000 Columbia South Carolina
K6ACS B 442,1125 5,0000 Santa Rosa California
K6ACS C 145,0400 -0,4000 Santa Rosa California
K6CHO A 1286,5250 -12,0000 Chico California
K6CHO C 144,9200 -0,4000 Chico California

K6LRG A 1286,6250 -12,0000 San Jose California
K6LRG B 444,6875 5,0000 San Jose California
K6MDD A 1284,2000 -12,0000 San Francisco California
K6MDD B 444,1375 5,0000 San Francisco California
K6MDD C 146,5850 1,0000 San Francisco California
K6PIT C 147,2850 0,6000 Pittsburg California
K6SOA A 1282,6000 -12,0000 Los Angeles California
K6SOA B 445,6600 5,0000 Los Angeles California
K6SOA C 146,1150 0,6000 Los Angeles California
K6VIS C 145,5500 -0,6000 Visalia California
K6VO A 1283,0000 -12,0000 Irvine California
K7WH A 1290,0000 -20,0000 Herbin China
K7WH B 443,0000 5,0000 Herbin China
K7WH C 145,2900 -0,6000 Herbin China
K7RST A 1284,2500 ??? Tuscon Arizona
K7RST B 445,9000 ??? Tuscon Arizona
K7RST C 145,1150 ??? Tuscon Arizona
KI8BIG B 444,0000 5,0000 Cincinati Ohio
KI8BIG C 145,3500 -0,6000 Cincinati Ohio
K8ETN C 145,2000 ??? Lansing Michigan
K8LCD A 1294,4800 -20,0000 Detroid West Michigan
K8LCD B 444,0625 5,0000 Detroid West Michigan
K8LCD C 147,2100 0,6000 Detroid West Michigan
KC2TGB B 444,6500 5,0000 Philadelphia SO New Jersey
KC9OKW B 443,2500 5,0000 Chikago West Illinois
KD0CGR C 145,1750 -6,0000 Omaha Nebraska
KD2STR B 443,6875 5,0000 Buffalo New York
KD7REX B 440,5500 5,0000 Portland Oregon
KD7REX C 144,5100 3,0000 Portland Oregon

KD8DRG B 442,5750 5,0000 Akron Ohio
KD8DRG C 146,9550 -0,6000 Akron Ohio
KE5RCS A 1295,1295 -20,0000 Austin Texas
KE5RCS B 440,5750 5,0000 Austin Texas
KE5RCS C 145,1300 -0,6000 Austin Texas
KE7JFH A 1295,6500 -12,0000 Phoenix West Arizona
KE7JFH B 445,9750 -5,0000 Phoenix West Arizona
KE7JFH C 145,1250 -0,6000 Phoenix West Arizona
KE7MVI B 443,7750 5,0000 Medford Oregon
KE7WTB B 445,6600 5,0000 Seattle Washington
KE7WTB C 146,1150 0,6000 Seattle Washington
KE7WTC A 1282,6500 -12,0000 Seattle Washington
KE7WTC B 447,0000 -5,0000 Seattle Washington
KE7WTC C 146,6050 -0,6000 Seattle Washington
KF6BQK B 449,0800 -5,0000 Long Beach California
KI4PPF A 1284,0000 -12,0000 Huntsville Alabama
KI4PPF B 443,3750 5,0000 Huntsville Alabama
KI4PPF C 145,4300 -6,0000 Huntsville Alabama
KI4SAZ A 1285,0000 -20,0000 Mobile Bay Mississippi
KI4SAZ B 444,3000 5,0000 Mobile Bay Mississippi
KI4SAZ C 145,3100 -0,6000 Mobile Bay Mississippi
KI4SBA A 1284,4000 -12,0000 Atlanta Georgia
KI4SBA B 444,3500 5,0000 Atlanta Georgia
KI4SBA C 145,2000 -0,6000 Atlanta Georgia
KI4SBB A 1282,5000 -12,0000 Birmingham Alabama
KI4SBB B 443,9750 5,0000 Birmingham Alabama
KI4SBB C 145,4800 0,6000 Birmingham Alabama
KI4TMJ A 1284,0000 -12,0000 Gulfport Mississippi
KI4TMJ B 444,4750 5,0000 Gulfport Mississippi

KI4TMJ C 145,1700 -0,6000 Gulfport Mississippi
KI4WXS A 1284,0000 -12,0000 Gstonia Carolina
KI4WXS B 443,8625 5,0000 Gstonia Carolina
KI4WXS C 145,1400 -0,6000 Gstonia Carolina
KI6JKA B 447,2000 -5,0000 Los Angeles California
KI6JUL A 1286,5250 -12,0000 Los Angeles California
KI6JUL C 145,6800 -0,6000 San Jose California
KI6KQU B 447,8400 -5,0000 San Diego California
KI6MGN B 445,8600 -5,0000 San Diego N California
KI6MGN C 145,5850 -0,6000 San Diego N California
KJ4ACN A 1293,5500 -20,0000 Tampa Florida
KJ4ACN B 444,7750 5,0000 Tampa Florida
KJ4ACN C 147,3750 0,6000 Tampa Florida
KJ4ARB A 1293,0000 -20,0000 Tampa Florida
KJ4ARB B 444,6750 5,0000 Tampa Florida
KJ4ARB C 147,0100 0,6000 Tampa Florida
KJ4BDF B 440,7250 ??? Atlanta Gorgia
KJ4BWK B 443,2000 5,0000 Columbia Carolina
KJ4BWK C 145,4000 -0,6000 Columbia Carolina
KJ4BYI B 442,7625 5,0000 Tampa Florida
KJ4FCS B 442,7750 5,0000 Columbia Carolina
KJ4GGV A 1282,7000 -12,0000 Savannah Gorgia
KJ4GGV B 440,7000 5,0000 Savannah Gorgia
KJ4GGV C 145,3000 -0,6000 Savannah Gorgia
KL7FF C 147,3800 0,6000 Ketchikan Alaska
KR7ST A 1284,7500 -12,0000 Tuscon Arizona
KR7ST B 445,9500 -5,0000 Tuscon Arizona
KR7ST C 147,4100 -1,0000 Tuscon Arizona
KT7APR B 443,6250 5,0000 Lima Ohio

KX4DOR B 442,8375 5,0000 Charleston South Carolina
KX4DOR C 145,2800 -0,6000 Charleston South Carolina
N1HIT B 448,8750 -5,0000 Manchester New Hampshire
N1HIT C 145,4000 -0,6000 Manchester New Hampshire
N4USI B 442,4125 5,0000 Washigton W Maryland
N4USI C 145,4500 -0,6000 Washigton W Maryland
N7ARR B 446,8000 -5,0000 Las Vegas Nevada
N7CI B 445,8500 -5,0000 Phoenix Ost Arizona
N7IH A 1294,0000 -20,0000 Seattle Washigton
N7IH B 443,5750 5,0000 Seattle Washigton
N7IH C 145,2900 0,6000 Seattle Washigton
NE4SC B 442,7875 5,0000 Conway South Carolina
NE4SC C 144,9800 2,5000 Conway South Carolina
NI4CE B 444,4250 5,0000 Tampa SO Florida
NJ2DG A 1284,0000 -12,0000 New York SW New Jersey
NJ2DG B 441,6500 5,0000 New York SW New Jersey
NJ2DG C 145,1400 -0,6000 New York SW New Jersey
NJ2DS A 1255,3000 12,0000 Philadelphia S New Jersey
NJ2DS B 447,4750 -5,0000 Philadelphia S New Jersey
NJ2DS C 146,7750 -0,6000 Philadelphia S New Jersey
NJ2MC B 446,6250 ??? New York W New Jersey
NJ2MC C 146,7150 ??? New York W New Jersey
NM5WR B 442,4250 5,0000 Santa FE New Mexico
NS9RC A 1292,2000 -20,0000 Cikago Iowa
NS9RC B 442,0938 5,0000 Cikago Iowa
NT5RN A 1293,5000 -20,0000 Dallas Texas
NT5RN B 443,0250 5,0000 Dallas Texas
NT5RN C 145,1500 -0,6000 Dallas Texas
NV4FM A 1282,8000 -12,0000 Washigton W Maryland

NV4FM B 448,0350 -5,0000 Washigton W Maryland
NV4FM C 145,3400 -6,0000 Washigton W Maryland
W0CDS A 1283,9625 -12,0000 Denver Colorado
W0CDS B 446,9625 -5,0000 Denver Colorado
W0CDS C 145,2500 -0,6000 Denver Colorado
W0CW A 1285,0500 -12,0000 Kansas City Kansas
W0CW B 443,4000 5,0000 Kansas City Kansas
W0MAO B 442,2500 5,0000 Lincoln Nebraska
W0MAO C 145,2500 -0,6000 Lincoln Nebraska
W0OMD B 442,2250 5,0000 Springfield Missouri
W0OMD C 146,7750 -0,6000 Springfield Missouri
W0SCI B 443,1750 5,0000 Des Moines Iowa
W0SCI C 145,3500 -0,6000 Des Moines Iowa
W1IXU B 448,3750 ??? Bristol Connecticut
W1IXU C 147,4150 ??? Bristol Connecticut
W1KK A 1282,5000 -12,0000 Chicopee Massachusetts
W1KK B 449,1750 -5,0000 Chicopee Massachusetts
W1KK C 145,1500 -0,6000 Chicopee Massachusetts
W2DGL A 1293,0500 -20,0000 New York W New Jersey
W2DGL C 146,4450 1,0000 New York W New Jersey
W3EOC A 1255,5000 12,0000 Philadelphia West Pensilvenia
W3EOC B 445,0750 -5,0000 Philadelphia West Pensilvenia
W3EOC C 146,4900 1,0000 Philadelphia West Pensilvenia
W3EXW B 444,3500 5,0000 Pittsburg Pensilvenia
W3OI B 445,0250 -5,0000 Pittsburg Pensilvenia
W3OI C 147,1650 0,6000 Allentown Pensilvenia
W4AES A 1291,3000 -20,0000 Orlando Florida
W4AES B 442,0250 5,0000 Orlando Florida
W4AES C 145,2900 -6,0000 Orlando Florida

W4AP A 1284,0000 -12,0000 Montgomery Alabama
W4AP B 443,9750 5,0000 Montgomery Alabama
W4AP C 146,9200 -0,6000 Montgomery Alabama
W4BBR A 1284,6000 -12,0000 Virginia Beach Virginia
W4BBR B 441,9000 5,0000 Virginia Beach Virginia
W4BBR C 145,3500 -0,6000 Virginia Beach Virginia
W4BUG A 1291,6000 -20,0000 Fort Lauderdale Florida
W4BUG B 442,2000 5,0000 Fort Lauderdale Florida
W4BUG C 145,3400 -0,6000 Fort Lauderdale Florida
W4DOC A 1282,6000 -12,0000 Atlanta Alabama
W4DOC B 440,6000 ??? Atlanta Alabama
W4DOC C 145,3500 -0,6000 Atlanta Alabama
W4DSI B 444,1250 5,0000 Lexington Kentucky
W4DSI C 146,9400 -0,6000 Lexington Kentucky
W4HFH A 1284,6000 -12,0000 Washigton W Maryland
W4HFH B 442,0600 5,0000 Washigton W Maryland
W4HFH C 145,3800 -0,6000 Washigton W Maryland
W4HRS A 1284,2250 -12,5000 Charleston South Carolina
W4HRS B 444,1125 5,0000 Charleston South Carolina
W4HRS C 145,1600 -0,6000 Charleston South Carolina
W4KCQ A 1284,4000 -20,0000 Tuscalosa Alabama
W4KCQ B 442,0750 5,0000 Tuscalosa Alabama
W4KCQ C 146,6050 -0,6000 Tuscalosa Alabama
W4PL A 1291,0000 -20,0000 Chattanooga Tennessee
W4PL B 443,1500 5,0000 Chattanooga Tennessee
W4PL C 145,2900 -0,6000 Chattanooga Tennessee
W4RNT B 444,8125 5,0000 Tampa Florida
W4TTR B 442,9000 5,0000 Birmingham Ost Alabama
W4TTR C 145,3500 -0,6000 Birmingham Ost Alabama

W4WBC A 1283,5000 -12,0000 Huntsvilla Alabama
W4WBC B 443,4250 5,0000 Huntsvilla Alabama
W4WBC C 145,3600 -0,6000 Huntsvilla Alabama
W5GAD A 1285,0000 -12,0000 New Orleans Lousiana
W5GAD B 444,9250 5,0000 New Orleans Lousiana
W5GAD C 146,9250 -0,6000 New Orleans Lousiana
W5HAT B 440,6250 5,0000 Waco Texas
W5HAT C 147,2400 0,6000 Waco Texas
W5HDR A 1293,0000 -20,0000 Houston Texas
W5HDR B 440,6000 5,0000 Houston Texas
W5HDR C 146,4700 1,0000 Houston Texas
W5HDT A 1293,2000 -20,0000 Houston Texas
W5LM B 440,6750 5,0000 Austin Texas
W5NGU A 1293,4000 -20,0000 Dallas Texas
W5NGU B 442,9250 5,0000 Dallas Texas
W5NGU C 147,4500 -1,0000 Dallas Texas
W5NRU B 441,8125 5,0000 Laurel Mississippi
W5OKT B 444,2750 5,0000 Woodward Kansas
W5SHV A 1293,0000 -20,0000 Shreveport Texas
W5SHV B 442,0000 5,0000 Shreveport Texas
W5SHV C 147,3000 0,6000 Shreveport Texas
W5ZDN C 146,9800 -0,6000 Waco Texas
W6CO B 440,0500 5,0000 Napa California
W6DHS A 1284,5000 -12,0000 Sacramento Ost California
W6DHS B 440,6000 5,0000 Sacramento Ost California
W6DHS C 144,9600 -0,4000 Sacramento Ost California
W6HRO A 1282,5500 -12,0000 Los Angeles California
W6HRO B 447,8000 -5,0000 Los Angeles California
W6HRO C 145,6150 -0,6000 Los Angeles California

W6YYY B 440,0375 5,0000 Oakland California
W7AES A 1282,3900 ??? Las Vegas Nevada
W7AES B 449,5750 -5,0000 Las Vegas Nevada
W7AES C 145,1450 -0,6000 Las Vegas Nevada
W7DIN B 445,9750 -5,0000 Yuma Arizona
W7GC C 147,3900 0,6000 Portland West Oregon
W7MOT A 1283,9000 -12,0000 Phoenix Arizona
W7MOT B 440,8125 5,0000 Phoenix Arizona
W7MOT C 145,1350 -0,6000 Phoenix Arizona
W7URG B 441,9500 5,0000 Hermiston Oregon
W7URG C 147,3900 0,6000 Hermiston Oregon
W7VOI B 444,3500 5,0000 Nmapa Montana
W8BI B 443,7500 5,0000 Dayton Ohio
W8BI C 147,1100 0,6000 Dayton Ohio
W8DIG A 1285,0000 -12,0000 Columbus Ohio
W8DIG B 442,6500 5,0000 Columbus Ohio
W8DIG C 145,3900 -0,6000 Columbus Ohio
W8LIV B 444,0375 5,0000 Detroid West Michigan
W8LIV C 145,3200 -0,6000 Detroid West Michigan
W8RNL A 1293,0000 -20,0000 Cincinati Indiana
W8RNL B 442,6250 5,0000 Cincinati Indiana
W8RNL C 145,1600 -0,6000 Cincinati Indiana
W8SHI B 444,3000 5,0000 Flint Michigan
W8SHI C 145,2400 -0,6000 Flint Michigan
W9ARP B 444,3000 5,0000 Indianapolis N Indiana
W9ARP C 146,7300 -0,6000 Indianapolis N Indiana
W9BCC A 1282,1000 -12,0000 Wausau Wisconsin
W9ICE B 444,1250 5,0000 Indianapolis Indiana
W9ICE C 147,3900 0,6000 Indianapolis Indiana

W9PIA A 1292,4000 -20,0000 Dallas Texas

W9PIA B 443,4688 5,0000 Dallas Texas

W9PIA C 145,1050 -0,6000 Dallas Texas

W9YR B 443,4813 5,0000 Champaign Illinois

WA5UNH B 440,7000 5,0000 San Antonio Texas

Wa6IRC A 1282,6500 -12,0000 Los Angeles California

Wa6IRC B 447,0400 -5,0000 Los Angeles California

Wa6IRC C 145,6050 -0,6000 Los Angeles California

WA7FW B 443,8500 5,0000 Seattle Washigton

WA7FW C 147,0400 0,6000 Seattle Washigton

WB4GNA A 1285,0000 -12,0000 Atlanta W Alabama

WB4GNA B 442,4250 5,0000 Atlanta W Alabama

WB4GNA C 145,3000 -0,6000 Atlanta W Alabama

WD4STR A 1282,5500 -12,0000 Atlanta Ost Alabama

WD4STR B 440,5500 5,0000 Atlanta Ost Alabama

WD4STR C 146,9700 -0,6000 Atlanta Ost Alabama

WD5AAI A 1293,0000 -20,0000 Oklahoma City Oklahoma

WD5AAI B 442,6250 5,0000 Oklahoma City Oklahoma

WD5AAI C 147,3450 0,6000 Oklahoma City Oklahoma

WD5STR B 440,6000 5,0000 San Antonio Texas

WD5STR C 146,4900 1,0000 San Antonio Texas

WD8MKG B 444,0125 5,0000 Muskegon Michigan

WD8MKG C 145,3600 -0,6000 Muskegon Michigan

WH6DIG B 444,9250 5,0000 Honolulu Hawaii

WH6DIG C 147,1800 0,6000 Honolulu Hawaii

WR9AND B 441,8000 5,0000 Indianapolis Indiana

WS4VA A 1282,2000 -20,0000 Washigton S Maryland

WS4VA B 447,3750 -5,0000 Washigton S Maryland

WS4VA C 145,3200 -0,6000 Washigton S Maryland

WU5PIG B 442,6000 5,0000 Fort Smith Arkansas

WX4GPB A 1282,7000 -12,0000 Atlanta Geogia

WX4GPB B 440,7000 5,0000 Atlanta Geogia

WX4GPB C 144,9600 2,5000 Atlanta Geogia

WX8GRR B 442,5500 5,0000 Grand Rapids Michigan

WX8GRR C 147,2900 0,6000 Grand Rapids Michigan

Nochmals die Bemerkung: Diese Liste kann nicht garantieren, welche Repeater derzeiz qrv sind.