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Frequenzen D-Star

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Version vom 1. April 2009, 18:18 Uhr (Quelltext anzeigen)

[Oe3msu](#) ([Diskussion](#) | [Beiträge](#))

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

[Oe1kbc](#) ([Diskussion](#) | [Beiträge](#))

(79 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.

– ==2m==

Zeile 1:

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+ **= 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 - 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: =**

+

+

+ **===2m===**

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

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

Zeile 9:

145.375 digital Anruffrequenz

Zeile 83:

145.375 digital Anruffrequenz

- **==70cm==**

+ **===70cm===**

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

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

Zeile 15:

433.450 digital Anruffrequenz

Zeile 89:

433.450 digital Anruffrequenz

- ==23cm==

+

===23cm===

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

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

Zeile 24:

Zeile 98:

- == D-STAR Relaisliste Portugal ==

+

= 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:

+

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

+

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

+

+ == D-STAR Relaisliste Portugal: ==

Zeile 30:			Zeile 114:		
	CQ0DAH	B 438,45000		CQ0DAH	B 438,45000
	-7,6000	Teneriffa		-7,6000	Teneriffa
-	CQ0DCH	B 438,57500	+	CQ0DCH	B 438,57500
	-7,6000	Chaves		-7,6000	Chaves
-	CQ0DFO	B 438,57500	+	CQ0DFO	B 438,57500
	-7,6000	Albufeira		-7,6000	Albufeira
	CQ0DLR	B 438,52500		CQ0DLR	B 438,52500
	-7,6000	Alcobaca		-7,6000	Alcobaca
-	CQ0DLX	B 438,55000	+	CQ0DLX	B 438,55000
	-7,6000	Lisboa		-7,6000	Lisboa
			+		
			+	CQ0DSA	B 438,47500
				-7,6000	Lisbao 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	Canterburry		
+				
+	GB7IC	B	439,45000	
	-9,0000	Canterburry		
+				
+	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
+	
+	IR1CI 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 -1,1000	B Padua	145,97500	
+				
+	IR4UBL 5,0000	B Verona Süd	430,56250	
+				
+	IR5UH 1,6000	B Firenze	431,51200	
+				
+	IR6UBM 1,6000	B Vasto	430,11250	
+				
+	IR7AZ -1,2500	C Bari Nord	145,97500	
+				
+	IR7UBA 5,0000	B Bari Süd	430,30000	
+				
+	IR8AW 5,0000	B Napoli	430,42500	
+				
+	IR8BT 5,0000	B Salerno	430,45000	
+				
+	IR8CA 5,0000	B Napoli Süd	430,47500	
+				
+	IR8CA -0,6000	C Napoli Süd	145,66250	
+				
+	IR8UAF 5,0000	B Napoli Nord	430,50000	
+				

+	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 5,0000	B	442,00000 Magog	
+				
+	VE2RVR 5,0000	B	444,20000 Montreal	
+				
+	VE2TXD 5,0000	B	441,17000 Victonaville	
+				
+	VE2TXD 0,6000	C	144,81000 Victonaville	
+				
+	VE3RPT 5,0000	B	443,22500 Toronto	
+				
+	VE3RXR -0,6000	C	145,31000 Sudbury	
+				
+	VE3TTT 5,0000	B	442,30000 Hamilton	
+				
+	VE3WIK 5,0000	B	443,63750 Hamilton	
+				
+	VE3WIK -0,6000	C	146,71500 Hamilton	
+				
+	VE3YYZ -12,0000	A	1287,50000 Toronto	
+				
+	VE3YYZ 5,0000	B	442,70000 Toronto	
+				

+	VE3YYZ 0,6000	C	144,93000 Toronto	
+				
+	VE6GHZ -12,0000	A	1287,97500 Calgary	
+				
+	VE6GHZ 5,0000	B	444,95000 Calgary	
+				
+	VE6GHZ 0,6000	C	147,09000 Calgary	
+				
+	VE6IPG 12,0000	A	1275,95000 Calgary	
+				
+	VE6IPG 5,0000	B	444,96250 Calgary	
+				
+	VE6IPG 0,6000	C	147,28500 Calgary	
+				
+	VE6KM ???	A	1295,12950 Edmonton	
+				
+	VE6KM 5,0000	B	444,90000 Edmonton	
+				
+	VE6KM -0,6000	C	145,47000 Edmonton	
+				
+	VE6WRN -20,0000	A	1287,50000 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 -5,4000	B Sydney Süd	438,05000	
+				
+	VK2RDS -0,6000	C Sydney Süd	146,76250	
+				
+	VK2RWN 20,0000	A Sydney Nord	1273,90000	
+				
+	VK2RWN -5,4000	B Sydney Nord	438,40000	
+				
+	VK2RWN -0,6000	C Sydney Nord	146,96250	
+				
+	VK3RWW -5,4000	B Melbourne Northwest	438,15000	
+				
+	VK4RDS -0,6000	C Brisbane Nord	146,73750	
+				
+	VK4RWN 20,0000	A Brisbane Süd	1273,10000	
+				
+	VK4RWN -5,4000	B Brisbane Süd	438,22500	
+				
+	VK4RWN -0,6000	C Brisbane Süd	146,83750	
+				
+	VK5REX -5,4000	B Port Lincoln	438,22500	
+				

+	VK5RWN 20,0000	A Adelaide	1273,70000	
+				
+	VK5RWN -5,4000	B Adelaide	438,40000	
+				
+	VK5RWN -0,6000	C Adelaide	146,93750	
+				
+	VK6RWN 20,0000	A Perth	1273,90000	
+				
+	VK6RWN -5,4000	B Perth	438,30000	
+				
+	VK6RWN -0,6000	C Perth	146,83750	
+				
+	VK8RAD 20,0000	A Darwin	1273,40000	
+				
+	VK8RAD -5,0000	B Darwin	438,75000	
+				
+	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 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	Philadephia	New	
	Jersy			
+				

	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 5,0000	B Jackson	444,8250 Mississippi	
+				
+	K5RKN -0,6000	C Jackson	145,1700 Mississippi	
+				
+	K5TIT -20,0000	A Dallas	1293,0000 Texas	
+				
+	K5TIT 5,0000	B Dallas	442,0000 Texas	
+				
+	K5TIT 0,6000	C Dallas	147,3600 Texas	
+				
+	K5ZOE 5.0000 Carolina	B Columbia	443,3250 South	
+				
+	K6ACS 5,0000	B Santa Rose	442,1125 California	
+				
+	K6ACS -0,4000	C Santa Rose	145,0400 California	
+				
+	K6CHO -12,0000	A Chico	1286,5250 California	
+				
+	K6CHO -0,4000	C Chico	144,9200 California	
+				
+	K6LRG -12,0000	A San Jose	1286,6250 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	Cincinnati	Ohio	
+				
+	KI8BIG	C	145,3500	
	-0,6000	Cincinnati	Ohio	
+				
+	K8ETN	C	145,2000	
	???	Lansing	Michigan	
+				
+	K8LCD	A	1294,4800	
	-20,0000	Detroit West		
	Michigan			
+				
+	K8LCD	B	444,0625	
	5,0000	Detroit West		
	Michigan			

+	
+	K8LCD C 147,2100
+	0,6000 Detroit 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 5,0000	B Austin	440,5750 Texas	
+				
+	KE5RCS -0,6000	C Austin	145,1300 Texas	
+				
+	KE7JFH -12,0000	A Phoenix West	1295,6500 Arizona	
+				
+	KE7JFH -5,0000	B Phoenix West	445,9750 Arizona	
+				
+	KE7JFH -0,6000	C Phoenix West	145,1250 Arizona	
+				
+	KE7MVI 5,0000	B Medford	443,7750 Oregon	
+				
+	KE7WTB 5,0000	B Seattle	445,6600 Washington	
+				
+	KE7WTB 0,6000	C Seattle	146,1150 Washington	
+				
+	KE7WTC -12,0000	A Seattle	1282,6500 Washington	
+				
+	KE7WTC -5,0000	B Seattle	447,0000 Washington	
+				

+	KE7WTC -0,6000	C Seattle	146,6050 Washington	
+				
+	KF6BQK -5,0000 California	B Long Beach	449,0800	
+				
+	KI4PPF -12,0000	A Hundsville	1284,0000 Alabama	
+				
+	KI4PPF 5,0000	B Hundsville	443,3750 Alabama	
+				
+	KI4PPF -6,0000	C Hundsville	145,4300 Alabama	
+				
+	KI4SAZ -20,0000 Mississippi	A Mobile Bay	1285,0000	
+				
+	KI4SAZ 5,0000	B Mobile Bay	444,3000 Mississippi	
+				
+	KI4SAZ -0,6000	C Mobile Bay	145,3100 Mississippi	
+				
+	KI4SBA -12,0000	A Atlanta	1284,4000 Georgia	
+				
+	KI4SBA 5,0000	B Atlanta	444,3500 Georgia	
+				
+	KI4SBA -0,6000	C Atlanta	145,2000 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
+	

+	KI6IUL	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	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	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	Philadelfia S	New Jersey	
+				

+	NI2DS	B	447,4750	
	-5,0000	Philadelphia S	New	
	Jersey			
+				
+	NI2DS	C	146,7750	
	-0,6000	Philadelphia S	New	
	Jersey			
+				
+	NI2MC	B	446,6250	
	???	New York W	New	
	Jersey			
+				
+	NI2MC	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	Washington W		
	Maryland			
+				
+	NV4FM	B	448,0350	
	-5,0000	Washington W		
	Maryland			
+				
+	NV4FM	C	145,3400	
	-6,0000	Washington 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	

+	
+	W00MD 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 Atlanta	440,6000 Alabama	
+				
+	W4DOC -0,6000	C Atlanta	145,3500 Alabama	
+				
+	W4DSI 5,0000	B Lexigton	444,1250 Kentuky	
+				
+	W4DSI -0,6000	C Lexigton	146,9400 Kentuky	
+				
+	W4HFH -12,0000 Maryland	A Washigton W	1284,6000	
+				
+	W4HFH 5,0000 Maryland	B Washigton W	442,0600	
+				
+	W4HFH -0,6000 Maryland	C Washigton W	145,3800	
+				
+	W4HRS -12,5000 Carolina	A Charleston	1284,2250 South	
+				
+	W4HRS 5.0000 Carolina	B Charleston	444,1125 South	
+				
+	W4HRS -0,6000 Carolina	C Charleston	145,1600 South	
+				

+	W4KCO	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 5,0000	B Huntsvilla	443,4250 Alabama	
+				
+	W4WBC -0,6000	C Huntsvilla	145,3600 Alabama	
+				
+	W5GAD -12,0000 Lousiana	A New Orleans	1285,0000	
+				
+	W5GAD 5,0000 Lousiana	B New Orleans	444,9250	
+				
+	W5GAD -0,6000 Lousiana	C New Orleans	146,9250	
+				
+	W5HAT 5,0000	B Waco	440,6250 Texas	
+				
+	W5HAT 0,6000	C Waco	147,2400 Texas	
+				
+	W5HDR -20,0000	A Houston	1293,0000 Texas	
+				
+	W5HDR 5,0000	B Houston	440,6000 Texas	
+				
+	W5HDR 1,0000	C Houston	146,4700 Texas	
+				
+	W5HDT -20,0000	A Houston	1293,2000 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 -5,0000	B Yuma	445,9750 Arizona	
+				
+	W7GC 0,6000 Oregon	C Portland West	147,3900	
+				
+	W7MOT -12,0000	A Phoenix	1283,9000 Arizona	
+				
+	W7MOT 5,0000	B Phoenix	440,8125 Arizona	
+				
+	W7MOT -0,6000	C Phoenix	145,1350 Arizona	
+				
+	W7URG 5,0000	B Hermiston	441,9500 Oregon	
+				
+	W7URG 0,6000	C Hermiston	147,3900 Oregon	
+				
+	W7VOI 5,0000	B Nmapa	444,3500 Montana	
+				
+	W8BI 5,0000	B Dayton	443,7500 Ohio	
+				
+	W8BI 0,6000	C Dayton	147,1100 Ohio	
+				
+	W8DIG -12,0000	A Columbus	1285,0000 Ohio	
+				

+	W8DIG 5,0000	B Columbus	442,6500 Ohio	
+				
+	W8DIG -0,6000	C Columbus	145,3900 Ohio	
+				
+	W8LIV 5,0000	B Detroid West	444,0375 Michigan	
+				
+	W8LIV -0,6000	C Detroid West	145,3200 Michigan	
+				
+	W8RNL -20,0000	A Cincinati	1293,0000 Indiana	
+				
+	W8RNL 5,0000	B Cincinati	442,6250 Indiana	
+				
+	W8RNL -0,6000	C Cincinati	145,1600 Indiana	
+				
+	W8SHI 5,0000	B Flint	444,3000 Michigan	
+				
+	W8SHI -0,6000	C Flint	145,2400 Michigan	
+				
+	W9ARP 5,0000	B Indianapolis N	444,3000 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			
+				

Ausgabe: 11.05.2024 Dieses Dokument wurde erzeugt mit BlueSpice Seite 60 von 337

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.

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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. 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:

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.

+	
+	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 - 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: =**

+

+

+ **===2m===**

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

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

Zeile 9:

145.375 digital Anruffrequenz

Zeile 83:

145.375 digital Anruffrequenz

- **==70cm==**

+ **===70cm===**

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

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

Zeile 15:

433.450 digital Anruffrequenz

Zeile 89:

433.450 digital Anruffrequenz

- ==23cm== im Bereich 1297.500 bis 1297.975 sind alle Frequenzen auch für den digitalen Betrieb (Sprache) vorgesehen.	+ ===23cm=== im Bereich 1297.500 bis 1297.975 sind alle Frequenzen auch für den digitalen Betrieb (Sprache) vorgesehen.
Zeile 24: ----	Zeile 98: ----
- == D-STAR Relaisliste Portugal ==	+ = Frequenzen ausländischer Relais: = + 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.ifindu.net/DSTARRepeaters.aspx D-STAR Repeaters] + Angeführt ist : Rufzeichen, "A,B,C,D", Ausgabefrequenz, Shift, Standort in der Nähe von, + == D-STAR Relaisliste Portugal: ==

Zeile 30:			Zeile 114:		
	CQ0DAH	B 438,45000		CQ0DAH	B 438,45000
	-7,6000	Teneriffa		-7,6000	Teneriffa
-	CQ0DCH	B 438,57500	+	CQ0DCH	B 438,57500
	-7,6000	Chaves		-7,6000	Chaves
-	CQ0DFO	B 438,57500	+	CQ0DFO	B 438,57500
	-7,6000	Albufeira		-7,6000	Albufeira
	CQ0DLR	B 438,52500		CQ0DLR	B 438,52500
	-7,6000	Alcobaca		-7,6000	Alcobaca
-	CQ0DLX	B 438,55000	+	CQ0DLX	B 438,55000
	-7,6000	Lisboa		-7,6000	Lisboa
			+		
			+	CQ0DSA	B 438,47500
				-7,6000	Lisbao 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 -9,0000	B Edinburg Nord	439,60000	
+				
+	GB7DE -0,6000	C Edinburg Nord	145,63750	
+				
+	GB7DG -9,0000	B Glasgow	439,70000	
+				
+	GB7DG -0,6000	C Glasgow	145,77500	
+				
+	GB7DS -20,0000	A Heme Bay	1290,15000	
+				
+	GB7DV -9,0000	B Warnigton	439,61250	
+				
+	GB7DW -0,6000	C Glasgow Süd	145,61250	
+				
+	GB7DX -9,0000	B Asford	439,70000	
+				
+	GB7FK -9,0000	B Dover	439,73750	
+				
+	GB7FK -0,6000	C Dover	145,78750	
+				
+	GB7GD -0,6000	C Aberdeen	145,68750	
+				

+	GB7HD	B	439,45000	
	-9,0000	Leeds		
+				
+	GB7IC	A	1290,65000	
	-20,0000	Canterburry		
+				
+	GB7IC	B	439,45000	
	-9,0000	Canterburry		
+				
+	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
+	
+	IR1CI 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 -1,1000	B Padua	145,97500	
+				
+	IR4UBL 5,0000	B Verona Süd	430,56250	
+				
+	IR5UH 1,6000	B Firenze	431,51200	
+				
+	IR6UBM 1,6000	B Vasto	430,11250	
+				
+	IR7AZ -1,2500	C Bari Nord	145,97500	
+				
+	IR7UBA 5,0000	B Bari Süd	430,30000	
+				
+	IR8AW 5,0000	B Napoli	430,42500	
+				
+	IR8BT 5,0000	B Salerno	430,45000	
+				
+	IR8CA 5,0000	B Napoli Süd	430,47500	
+				
+	IR8CA -0,6000	C Napoli Süd	145,66250	
+				
+	IR8UAF 5,0000	B Napoli Nord	430,50000	
+				

+	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 5,0000	B	442,00000 Magog	
+				
+	VE2RVR 5,0000	B	444,20000 Montreal	
+				
+	VE2TXD 5,0000	B	441,17000 Victonaville	
+				
+	VE2TXD 0,6000	C	144,81000 Victonaville	
+				
+	VE3RPT 5,0000	B	443,22500 Toronto	
+				
+	VE3RXR -0,6000	C	145,31000 Sudbury	
+				
+	VE3TTT 5,0000	B	442,30000 Hamilton	
+				
+	VE3WIK 5,0000	B	443,63750 Hamilton	
+				
+	VE3WIK -0,6000	C	146,71500 Hamilton	
+				
+	VE3YYZ -12,0000	A	1287,50000 Toronto	
+				
+	VE3YYZ 5,0000	B	442,70000 Toronto	
+				

+	VE3YYZ 0,6000	C	144,93000 Toronto	
+				
+	VE6GHZ -12,0000	A	1287,97500 Calgary	
+				
+	VE6GHZ 5,0000	B	444,95000 Calgary	
+				
+	VE6GHZ 0,6000	C	147,09000 Calgary	
+				
+	VE6IPG 12,0000	A	1275,95000 Calgary	
+				
+	VE6IPG 5,0000	B	444,96250 Calgary	
+				
+	VE6IPG 0,6000	C	147,28500 Calgary	
+				
+	VE6KM ???	A	1295,12950 Edmonton	
+				
+	VE6KM 5,0000	B	444,90000 Edmonton	
+				
+	VE6KM -0,6000	C	145,47000 Edmonton	
+				
+	VE6WRN -20,0000	A	1287,50000 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 -5,4000	B Sydney Süd	438,05000	
+				
+	VK2RDS -0,6000	C Sydney Süd	146,76250	
+				
+	VK2RWN 20,0000	A Sydney Nord	1273,90000	
+				
+	VK2RWN -5,4000	B Sydney Nord	438,40000	
+				
+	VK2RWN -0,6000	C Sydney Nord	146,96250	
+				
+	VK3RWW -5,4000	B Melbourne Northwest	438,15000	
+				
+	VK4RDS -0,6000	C Brisbane Nord	146,73750	
+				
+	VK4RWN 20,0000	A Brisbane Süd	1273,10000	
+				
+	VK4RWN -5,4000	B Brisbane Süd	438,22500	
+				
+	VK4RWN -0,6000	C Brisbane Süd	146,83750	
+				
+	VK5REX -5,4000	B Port Lincoln	438,22500	
+				

+	VK5RWN 20,0000	A Adelaide	1273,70000	
+				
+	VK5RWN -5,4000	B Adelaide	438,40000	
+				
+	VK5RWN -0,6000	C Adelaide	146,93750	
+				
+	VK6RWN 20,0000	A Perth	1273,90000	
+				
+	VK6RWN -5,4000	B Perth	438,30000	
+				
+	VK6RWN -0,6000	C Perth	146,83750	
+				
+	VK8RAD 20,0000	A Darwin	1273,40000	
+				
+	VK8RAD -5,0000	B Darwin	438,75000	
+				
+	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 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	Philadephia	New	
	Jersy			
+				

	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 5,0000	B Jackson	444,8250 Mississippi	
+				
+	K5RKN -0,6000	C Jackson	145,1700 Mississippi	
+				
+	K5TIT -20,0000	A Dallas	1293,0000 Texas	
+				
+	K5TIT 5,0000	B Dallas	442,0000 Texas	
+				
+	K5TIT 0,6000	C Dallas	147,3600 Texas	
+				
+	K5ZOE 5.0000 Carolina	B Columbia	443,3250 South	
+				
+	K6ACS 5,0000	B Santa Rose	442,1125 California	
+				
+	K6ACS -0,4000	C Santa Rose	145,0400 California	
+				
+	K6CHO -12,0000	A Chico	1286,5250 California	
+				
+	K6CHO -0,4000	C Chico	144,9200 California	
+				
+	K6LRG -12,0000	A San Jose	1286,6250 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	Cincinnati	Ohio	
+				
+	KI8BIG	C	145,3500	
	-0,6000	Cincinnati	Ohio	
+				
+	K8ETN	C	145,2000	
	???	Lansing	Michigan	
+				
+	K8LCD	A	1294,4800	
	-20,0000	Detroit West		
	Michigan			
+				
+	K8LCD	B	444,0625	
	5,0000	Detroit West		
	Michigan			

+	
+	K8LCD C 147,2100
+	0,6000 Detroit 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 5,0000	B Austin	440,5750 Texas	
+				
+	KE5RCS -0,6000	C Austin	145,1300 Texas	
+				
+	KE7JFH -12,0000	A Phoenix West	1295,6500 Arizona	
+				
+	KE7JFH -5,0000	B Phoenix West	445,9750 Arizona	
+				
+	KE7JFH -0,6000	C Phoenix West	145,1250 Arizona	
+				
+	KE7MVI 5,0000	B Medford	443,7750 Oregon	
+				
+	KE7WTB 5,0000	B Seattle	445,6600 Washington	
+				
+	KE7WTB 0,6000	C Seattle	146,1150 Washington	
+				
+	KE7WTC -12,0000	A Seattle	1282,6500 Washington	
+				
+	KE7WTC -5,0000	B Seattle	447,0000 Washington	
+				

+	KE7WTC -0,6000	C Seattle	146,6050 Washington	
+				
+	KF6BQK -5,0000 California	B Long Beach	449,0800	
+				
+	KI4PPF -12,0000	A Hundsville	1284,0000 Alabama	
+				
+	KI4PPF 5,0000	B Hundsville	443,3750 Alabama	
+				
+	KI4PPF -6,0000	C Hundsville	145,4300 Alabama	
+				
+	KI4SAZ -20,0000 Mississippi	A Mobile Bay	1285,0000	
+				
+	KI4SAZ 5,0000	B Mobile Bay	444,3000 Mississippi	
+				
+	KI4SAZ -0,6000	C Mobile Bay	145,3100 Mississippi	
+				
+	KI4SBA -12,0000	A Atlanta	1284,4000 Georgia	
+				
+	KI4SBA 5,0000	B Atlanta	444,3500 Georgia	
+				
+	KI4SBA -0,6000	C Atlanta	145,2000 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
+	

+	KI6IUL	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	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	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	Philadelfia S	New Jersey	
+				

+	NI2DS	B	447,4750	
	-5,0000	Philadelphia S	New	
	Jersey			
+				
+	NI2DS	C	146,7750	
	-0,6000	Philadelphia S	New	
	Jersey			
+				
+	NI2MC	B	446,6250	
	???	New York W	New	
	Jersey			
+				
+	NI2MC	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	Missuri	

+	
+	W00MD 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 -0,6000	C	145,3500	Atlanta	Alabama
+					
+	W4DSI 5,0000	B	444,1250	Lexigton	Kentuky
+					
+	W4DSI -0,6000	C	146,9400	Lexigton	Kentuky
+					
+	W4HFH -12,0000	A	1284,6000	Washigton W	Maryland
+					
+	W4HFH 5,0000	B	442,0600	Washigton W	Maryland
+					
+	W4HFH -0,6000	C	145,3800	Washigton W	Maryland
+					
+	W4HRS -12,5000	A	1284,2250	Charleston	South Carolina
+					
+	W4HRS 5,0000	B	444,1125	Charleston	South Carolina
+					
+	W4HRS -0,6000	C	145,1600	Charleston	South Carolina
+					

+	W4KCO	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 5,0000	B Huntsvilla	443,4250 Alabama	
+				
+	W4WBC -0,6000	C Huntsvilla	145,3600 Alabama	
+				
+	W5GAD -12,0000 Lousiana	A New Orleans	1285,0000	
+				
+	W5GAD 5,0000 Lousiana	B New Orleans	444,9250	
+				
+	W5GAD -0,6000 Lousiana	C New Orleans	146,9250	
+				
+	W5HAT 5,0000	B Waco	440,6250 Texas	
+				
+	W5HAT 0,6000	C Waco	147,2400 Texas	
+				
+	W5HDR -20,0000	A Houston	1293,0000 Texas	
+				
+	W5HDR 5,0000	B Houston	440,6000 Texas	
+				
+	W5HDR 1,0000	C Houston	146,4700 Texas	
+				
+	W5HDT -20,0000	A Houston	1293,2000 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 5,0000	B Columbus	442,6500 Ohio	
+				
+	W8DIG -0,6000	C Columbus	145,3900 Ohio	
+				
+	W8LIV 5,0000	B Detroid West	444,0375 Michigan	
+				
+	W8LIV -0,6000	C Detroid West	145,3200 Michigan	
+				
+	W8RNL -20,0000	A Cincinati	1293,0000 Indiana	
+				
+	W8RNL 5,0000	B Cincinati	442,6250 Indiana	
+				
+	W8RNL -0,6000	C Cincinati	145,1600 Indiana	
+				
+	W8SHI 5,0000	B Flint	444,3000 Michigan	
+				
+	W8SHI -0,6000	C Flint	145,2400 Michigan	
+				
+	W9ARP 5,0000	B Indianapolis N	444,3000 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			
	+				
	-	CQ0DSA	B	438,47500	
		-7,6000	Lisbao S		
	+	Nochmals die Bemerkung: Diese Liste kann nicht garantieren, welche Repeater derzeiz 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.

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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 Philadephia New Jersy
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 Dallahs 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 Rose California
K6ACS C 145,0400 -0,4000 Santa Rose 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.

Frequenzen D-Star: Unterschied zwischen den Versionen

[Versionsgeschichte interaktiv durchsuchen](#)

[Visuell Wikitext](#)

Version vom 1. April 2009, 18:18 Uhr (Quelltext anzeigen)

[Oe3msu](#) ([Diskussion](#) | [Beiträge](#))

[← Zum vorherigen Versionsunterschied](#)

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

[Oe1kbc](#) ([Diskussion](#) | [Beiträge](#))

(79 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.

– **==2m==**

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.

+ **= 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
+	
+	
+	== 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 - 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: =**

+

+

+ **===2m===**

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

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

Zeile 9:

145.375 digital Anruffrequenz

Zeile 83:

145.375 digital Anruffrequenz

- **==70cm==**

+ **===70cm===**

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

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

Zeile 15:

433.450 digital Anruffrequenz

Zeile 89:

433.450 digital Anruffrequenz

- ==23cm== im Bereich 1297.500 bis 1297.975 sind alle Frequenzen auch für den digitalen Betrieb (Sprache) vorgesehen.	+ ===23cm=== im Bereich 1297.500 bis 1297.975 sind alle Frequenzen auch für den digitalen Betrieb (Sprache) vorgesehen.
Zeile 24: ----	Zeile 98: ----
- == D-STAR Relaisliste Portugal ==	+ = Frequenzen ausländischer Relais: = + + 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.ifindu.net/DSTARRepeaters.aspx D-STAR Repeaters] + + Angeführt ist : Rufzeichen, "A,B,C,D", Ausgabefrequenz, Shift, Standort in der Nähe von, + + == D-STAR Relaisliste Portugal: ==

Zeile 30:			Zeile 114:		
	CQ0DAH	B 438,45000		CQ0DAH	B 438,45000
	-7,6000	Teneriffa		-7,6000	Teneriffa
-	CQ0DCH	B 438,57500	+	CQ0DCH	B 438,57500
	-7,6000	Chaves		-7,6000	Chaves
-	CQ0DFO	B 438,57500	+	CQ0DFO	B 438,57500
	-7,6000	Albufeira		-7,6000	Albufeira
	CQ0DLR	B 438,52500		CQ0DLR	B 438,52500
	-7,6000	Alcobaca		-7,6000	Alcobaca
-	CQ0DLX	B 438,55000	+	CQ0DLX	B 438,55000
	-7,6000	Lisboa		-7,6000	Lisboa
			+		
			+	CQ0DSA	B 438,47500
				-7,6000	Lisbao 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 -7,6000	B Straubing	439,47500	
+				
+	DB0RDH -0,6000	C Straubing	145,76250	
+				
+	DB0RKB -7,6000	B Rhön	439,58750	
+				
+	DB0SAT -28,0000	A Hamburg Wilhelmsburg	1298,75000	
+				
+	DB0SAT -7,6000	B Hamburg Wilhelmsburg	439,50000	
+				
+	DB0SAT -0,6000	C Hamburg Wilhelmsburg	145,77500	
+				
+	DB0SEN -7,6000	B Münster	439,54375	
+				
+	DB0SIF -7,6000	B Giesen	439,48750	
+				
+	DB0SN -7,6000	B Göttingen	439,50000	
+				
+	DB0SZS -0,6000	C Osnabrück	145,63750	
+				
+	DB0SZS -7,6000	B Osnabrück	439,50000	
+				

+	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	Canterburry		
+				
+	GB7IC	B	439,45000	
	-9,0000	Canterburry		
+				
+	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
+	
+	IR1CI 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 -1,1000	B Padua	145,97500	
+				
+	IR4UBL 5,0000	B Verona Süd	430,56250	
+				
+	IR5UH 1,6000	B Firenze	431,51200	
+				
+	IR6UBM 1,6000	B Vasto	430,11250	
+				
+	IR7AZ -1,2500	C Bari Nord	145,97500	
+				
+	IR7UBA 5,0000	B Bari Süd	430,30000	
+				
+	IR8AW 5,0000	B Napoli	430,42500	
+				
+	IR8BT 5,0000	B Salerno	430,45000	
+				
+	IR8CA 5,0000	B Napoli Süd	430,47500	
+				
+	IR8CA -0,6000	C Napoli Süd	145,66250	
+				
+	IR8UAF 5,0000	B Napoli Nord	430,50000	
+				

+	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 5,0000	B	442,00000 Magog	
+				
+	VE2RVR 5,0000	B	444,20000 Montreal	
+				
+	VE2TXD 5,0000	B	441,17000 Victonaville	
+				
+	VE2TXD 0,6000	C	144,81000 Victonaville	
+				
+	VE3RPT 5,0000	B	443,22500 Toronto	
+				
+	VE3RXR -0,6000	C	145,31000 Sudbury	
+				
+	VE3TTT 5,0000	B	442,30000 Hamilton	
+				
+	VE3WIK 5,0000	B	443,63750 Hamilton	
+				
+	VE3WIK -0,6000	C	146,71500 Hamilton	
+				
+	VE3YYZ -12,0000	A	1287,50000 Toronto	
+				
+	VE3YYZ 5,0000	B	442,70000 Toronto	
+				

+	VE3YYZ 0,6000	C	144,93000 Toronto	
+				
+	VE6GHZ -12,0000	A	1287,97500 Calgary	
+				
+	VE6GHZ 5,0000	B	444,95000 Calgary	
+				
+	VE6GHZ 0,6000	C	147,09000 Calgary	
+				
+	VE6IPG 12,0000	A	1275,95000 Calgary	
+				
+	VE6IPG 5,0000	B	444,96250 Calgary	
+				
+	VE6IPG 0,6000	C	147,28500 Calgary	
+				
+	VE6KM ???	A	1295,12950 Edmonton	
+				
+	VE6KM 5,0000	B	444,90000 Edmonton	
+				
+	VE6KM -0,6000	C	145,47000 Edmonton	
+				
+	VE6WRN -20,0000	A	1287,50000 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 -5,4000	B Sydney Süd	438,05000	
+				
+	VK2RDS -0,6000	C Sydney Süd	146,76250	
+				
+	VK2RWN 20,0000	A Sydney Nord	1273,90000	
+				
+	VK2RWN -5,4000	B Sydney Nord	438,40000	
+				
+	VK2RWN -0,6000	C Sydney Nord	146,96250	
+				
+	VK3RWW -5,4000	B Melbourne Northwest	438,15000	
+				
+	VK4RDS -0,6000	C Brisbane Nord	146,73750	
+				
+	VK4RWN 20,0000	A Brisbane Süd	1273,10000	
+				
+	VK4RWN -5,4000	B Brisbane Süd	438,22500	
+				
+	VK4RWN -0,6000	C Brisbane Süd	146,83750	
+				
+	VK5REX -5,4000	B Port Lincoln	438,22500	
+				

+	VK5RWN 20,0000	A Adelaide	1273,70000	
+				
+	VK5RWN -5,4000	B Adelaide	438,40000	
+				
+	VK5RWN -0,6000	C Adelaide	146,93750	
+				
+	VK6RWN 20,0000	A Perth	1273,90000	
+				
+	VK6RWN -5,4000	B Perth	438,30000	
+				
+	VK6RWN -0,6000	C Perth	146,83750	
+				
+	VK8RAD 20,0000	A Darwin	1273,40000	
+				
+	VK8RAD -5,0000	B Darwin	438,75000	
+				
+	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 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	Philadephia	New	
	Jersy			
+				

	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 5,0000	B Jackson	444,8250 Mississippi	
+				
+	K5RKN -0,6000	C Jackson	145,1700 Mississippi	
+				
+	K5TIT -20,0000	A Dallas	1293,0000 Texas	
+				
+	K5TIT 5,0000	B Dallas	442,0000 Texas	
+				
+	K5TIT 0,6000	C Dallas	147,3600 Texas	
+				
+	K5ZOE 5.0000 Carolina	B Columbia	443,3250 South	
+				
+	K6ACS 5,0000	B Santa Rose	442,1125 California	
+				
+	K6ACS -0,4000	C Santa Rose	145,0400 California	
+				
+	K6CHO -12,0000	A Chico	1286,5250 California	
+				
+	K6CHO -0,4000	C Chico	144,9200 California	
+				
+	K6LRG -12,0000	A San Jose	1286,6250 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	Cincinnati	Ohio	
+				
+	KI8BIG	C	145,3500	
	-0,6000	Cincinnati	Ohio	
+				
+	K8ETN	C	145,2000	
	???	Lansing	Michigan	
+				
+	K8LCD	A	1294,4800	
	-20,0000	Detroit West		
	Michigan			
+				
+	K8LCD	B	444,0625	
	5,0000	Detroit West		
	Michigan			

+	
+	K8LCD C 147,2100
+	0,6000 Detroit 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 5,0000	B Austin	440,5750 Texas	
+				
+	KE5RCS -0,6000	C Austin	145,1300 Texas	
+				
+	KE7JFH -12,0000	A Phoenix West	1295,6500 Arizona	
+				
+	KE7JFH -5,0000	B Phoenix West	445,9750 Arizona	
+				
+	KE7JFH -0,6000	C Phoenix West	145,1250 Arizona	
+				
+	KE7MVI 5,0000	B Medford	443,7750 Oregon	
+				
+	KE7WTB 5,0000	B Seattle	445,6600 Washington	
+				
+	KE7WTB 0,6000	C Seattle	146,1150 Washington	
+				
+	KE7WTC -12,0000	A Seattle	1282,6500 Washington	
+				
+	KE7WTC -5,0000	B Seattle	447,0000 Washington	
+				

+	KE7WTC -0,6000	C Seattle	146,6050 Washington	
+				
+	KF6BQK -5,0000 California	B Long Beach	449,0800	
+				
+	KI4PPF -12,0000	A Hundsville	1284,0000 Alabama	
+				
+	KI4PPF 5,0000	B Hundsville	443,3750 Alabama	
+				
+	KI4PPF -6,0000	C Hundsville	145,4300 Alabama	
+				
+	KI4SAZ -20,0000 Mississippi	A Mobile Bay	1285,0000	
+				
+	KI4SAZ 5,0000	B Mobile Bay	444,3000 Mississippi	
+				
+	KI4SAZ -0,6000	C Mobile Bay	145,3100 Mississippi	
+				
+	KI4SBA -12,0000	A Atlanta	1284,4000 Georgia	
+				
+	KI4SBA 5,0000	B Atlanta	444,3500 Georgia	
+				
+	KI4SBA -0,6000	C Atlanta	145,2000 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
+	

+	KI6IUL	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	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	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	Philadelfia S	New Jersey	
+				

+	NI2DS	B	447,4750	
	-5,0000	Philadelphia S	New	
	Jersey			
+				
+	NI2DS	C	146,7750	
	-0,6000	Philadelphia S	New	
	Jersey			
+				
+	NI2MC	B	446,6250	
	???	New York W	New	
	Jersey			
+				
+	NI2MC	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	Missuri	

+	
+	W00MD 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 -0,6000	C	145,3500	Atlanta	Alabama
+					
+	W4DSI 5,0000	B	444,1250	Lexigton	Kentuky
+					
+	W4DSI -0,6000	C	146,9400	Lexigton	Kentuky
+					
+	W4HFH -12,0000	A	1284,6000	Washigton W	Maryland
+					
+	W4HFH 5,0000	B	442,0600	Washigton W	Maryland
+					
+	W4HFH -0,6000	C	145,3800	Washigton W	Maryland
+					
+	W4HRS -12,5000	A	1284,2250	Charleston	South Carolina
+					
+	W4HRS 5,0000	B	444,1125	Charleston	South Carolina
+					
+	W4HRS -0,6000	C	145,1600	Charleston	South Carolina
+					

+	W4KCO	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 5,0000	B Huntsvilla	443,4250 Alabama	
+				
+	W4WBC -0,6000	C Huntsvilla	145,3600 Alabama	
+				
+	W5GAD -12,0000 Lousiana	A New Orleans	1285,0000	
+				
+	W5GAD 5,0000 Lousiana	B New Orleans	444,9250	
+				
+	W5GAD -0,6000 Lousiana	C New Orleans	146,9250	
+				
+	W5HAT 5,0000	B Waco	440,6250 Texas	
+				
+	W5HAT 0,6000	C Waco	147,2400 Texas	
+				
+	W5HDR -20,0000	A Houston	1293,0000 Texas	
+				
+	W5HDR 5,0000	B Houston	440,6000 Texas	
+				
+	W5HDR 1,0000	C Houston	146,4700 Texas	
+				
+	W5HDT -20,0000	A Houston	1293,2000 Texas	

+				
+	W5LM 5,0000	B Austin	440,6750 Texas	
+				
+	W5NGU -20,0000	A Dallas	1293,4000 Texas	
+				
+	W5NGU 5,0000	B Dallas	442,9250 Texas	
+				
+	W5NGU -1,0000	C Dallas	147,4500 Texas	
+				
+	W5NRU 5,0000	B Laurel	441,8125 Mississippi	
+				
+	W5OKT 5,0000	B Woodward	444,2750 Kansas	
+				
+	W5SHV -20,0000	A Shreveport	1293,0000 Texas	
+				
+	W5SHV 5,0000	B Shreveport	442,0000 Texas	
+				
+	W5SHV 0,6000	C Shreveport	147,3000 Texas	
+				
+	W5ZDN -0,6000	C Waco	146,9800 Texas	
+				
+	W6CO 5,0000	B Napa	440,0500 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 -5,0000	B Yuma	445,9750 Arizona	
+				
+	W7GC 0,6000 Oregon	C Portland West	147,3900	
+				
+	W7MOT -12,0000	A Phoenix	1283,9000 Arizona	
+				
+	W7MOT 5,0000	B Phoenix	440,8125 Arizona	
+				
+	W7MOT -0,6000	C Phoenix	145,1350 Arizona	
+				
+	W7URG 5,0000	B Hermiston	441,9500 Oregon	
+				
+	W7URG 0,6000	C Hermiston	147,3900 Oregon	
+				
+	W7VOI 5,0000	B Nmapa	444,3500 Montana	
+				
+	W8BI 5,0000	B Dayton	443,7500 Ohio	
+				
+	W8BI 0,6000	C Dayton	147,1100 Ohio	
+				
+	W8DIG -12,0000	A Columbus	1285,0000 Ohio	
+				

+	W8DIG 5,0000	B Columbus	442,6500 Ohio	
+				
+	W8DIG -0,6000	C Columbus	145,3900 Ohio	
+				
+	W8LIV 5,0000	B Detroid West	444,0375 Michigan	
+				
+	W8LIV -0,6000	C Detroid West	145,3200 Michigan	
+				
+	W8RNL -20,0000	A Cincinati	1293,0000 Indiana	
+				
+	W8RNL 5,0000	B Cincinati	442,6250 Indiana	
+				
+	W8RNL -0,6000	C Cincinati	145,1600 Indiana	
+				
+	W8SHI 5,0000	B Flint	444,3000 Michigan	
+				
+	W8SHI -0,6000	C Flint	145,2400 Michigan	
+				
+	W9ARP 5,0000	B Indianapolis N	444,3000 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	Washington S		
	Maryland			
+				

Ausgabe: 11.05.2024 Dieses Dokument wurde erzeugt mit BlueSpice Seite 228 von 337

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.

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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 Philadephia New Jersy
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 Rose California
K6ACS C 145,0400 -0,4000 Santa Rose 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 Jersy
W2DGL C 146,4450 1,0000 New York W New Jersy
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 Tennesse
W4PL B 443,1500 5,0000 Chattanooga Tennesse
W4PL C 145,2900 -0,6000 Chattanooga Tennesse
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.

Frequenzen D-Star: Unterschied zwischen den Versionen

[Versionsgeschichte interaktiv durchsuchen](#)

[Visuell Wikitext](#)

Version vom 1. April 2009, 18:18 Uhr (Quelltext anzeigen)

[Oe3msu](#) ([Diskussion](#) | [Beiträge](#))

[← Zum vorherigen Versionsunterschied](#)

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

[Oe1kbc](#) ([Diskussion](#) | [Beiträge](#))

(79 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.

– ==2m==

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.

+ **= 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 - 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: =**

+

+

+ **===2m===**

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

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

Zeile 9:

145.375 digital Anruffrequenz

Zeile 83:

145.375 digital Anruffrequenz

- **==70cm==**

+ **===70cm===**

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

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

Zeile 15:

433.450 digital Anruffrequenz

Zeile 89:

433.450 digital Anruffrequenz

- ==23cm== im Bereich 1297.500 bis 1297.975 sind alle Frequenzen auch für den digitalen Betrieb (Sprache) vorgesehen.	+ ===23cm=== im Bereich 1297.500 bis 1297.975 sind alle Frequenzen auch für den digitalen Betrieb (Sprache) vorgesehen.
Zeile 24: ----	Zeile 98: ----
- == D-STAR Relaisliste Portugal == 	+ = Frequenzen ausländischer Relais: = + 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.ifindu.net/DSTARRepeaters.aspx D-STAR Repeaters] + Angeführt ist : Rufzeichen, "A,B,C,D", Ausgabefrequenz, Shift, Standort in der Nähe von, + == D-STAR Relaisliste Portugal: ==

Zeile 30:			Zeile 114:		
	CQ0DAH	B 438,45000		CQ0DAH	B 438,45000
	-7,6000	Teneriffa		-7,6000	Teneriffa
-	CQ0DCH	B 438,57500	+	CQ0DCH	B 438,57500
	-7,6000	Chaves		-7,6000	Chaves
-	CQ0DFO	B 438,57500	+	CQ0DFO	B 438,57500
	-7,6000	Albufeira		-7,6000	Albufeira
	CQ0DLR	B 438,52500		CQ0DLR	B 438,52500
	-7,6000	Alcobaca		-7,6000	Alcobaca
-	CQ0DLX	B 438,55000	+	CQ0DLX	B 438,55000
	-7,6000	Lisboa		-7,6000	Lisboa
			+		
			+	CQ0DSA	B 438,47500
				-7,6000	Lisbao 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	Canterburry		
+				
+	GB7IC	B	439,45000	
	-9,0000	Canterburry		
+				
+	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
+	
+	IR1CI 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 -1,1000	B Padua	145,97500	
+				
+	IR4UBL 5,0000	B Verona Süd	430,56250	
+				
+	IR5UH 1,6000	B Firenze	431,51200	
+				
+	IR6UBM 1,6000	B Vasto	430,11250	
+				
+	IR7AZ -1,2500	C Bari Nord	145,97500	
+				
+	IR7UBA 5,0000	B Bari Süd	430,30000	
+				
+	IR8AW 5,0000	B Napoli	430,42500	
+				
+	IR8BT 5,0000	B Salerno	430,45000	
+				
+	IR8CA 5,0000	B Napoli Süd	430,47500	
+				
+	IR8CA -0,6000	C Napoli Süd	145,66250	
+				
+	IR8UAF 5,0000	B Napoli Nord	430,50000	
+				

+	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		
+				

+	ON00S	B	439,50000	
	-7,6000	Ostende		
+				
+	ON00S	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 5,0000	B	442,00000 Magog	
+				
+	VE2RVR 5,0000	B	444,20000 Montreal	
+				
+	VE2TXD 5,0000	B	441,17000 Victonaville	
+				
+	VE2TXD 0,6000	C	144,81000 Victonaville	
+				
+	VE3RPT 5,0000	B	443,22500 Toronto	
+				
+	VE3RXR -0,6000	C	145,31000 Sudbury	
+				
+	VE3TTT 5,0000	B	442,30000 Hamilton	
+				
+	VE3WIK 5,0000	B	443,63750 Hamilton	
+				
+	VE3WIK -0,6000	C	146,71500 Hamilton	
+				
+	VE3YYZ -12,0000	A	1287,50000 Toronto	
+				
+	VE3YYZ 5,0000	B	442,70000 Toronto	
+				

+	VE3YYZ 0,6000	C	144,93000 Toronto	
+				
+	VE6GHZ -12,0000	A	1287,97500 Calgary	
+				
+	VE6GHZ 5,0000	B	444,95000 Calgary	
+				
+	VE6GHZ 0,6000	C	147,09000 Calgary	
+				
+	VE6IPG 12,0000	A	1275,95000 Calgary	
+				
+	VE6IPG 5,0000	B	444,96250 Calgary	
+				
+	VE6IPG 0,6000	C	147,28500 Calgary	
+				
+	VE6KM ???	A	1295,12950 Edmonton	
+				
+	VE6KM 5,0000	B	444,90000 Edmonton	
+				
+	VE6KM -0,6000	C	145,47000 Edmonton	
+				
+	VE6WRN -20,0000	A	1287,50000 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 -5,4000	B Sydney Süd	438,05000	
+				
+	VK2RDS -0,6000	C Sydney Süd	146,76250	
+				
+	VK2RWN 20,0000	A Sydney Nord	1273,90000	
+				
+	VK2RWN -5,4000	B Sydney Nord	438,40000	
+				
+	VK2RWN -0,6000	C Sydney Nord	146,96250	
+				
+	VK3RWW -5,4000	B Melbourne Northwest	438,15000	
+				
+	VK4RDS -0,6000	C Brisbane Nord	146,73750	
+				
+	VK4RWN 20,0000	A Brisbane Süd	1273,10000	
+				
+	VK4RWN -5,4000	B Brisbane Süd	438,22500	
+				
+	VK4RWN -0,6000	C Brisbane Süd	146,83750	
+				
+	VK5REX -5,4000	B Port Lincoln	438,22500	
+				

+	VK5RWN 20,0000	A Adelaide	1273,70000	
+				
+	VK5RWN -5,4000	B Adelaide	438,40000	
+				
+	VK5RWN -0,6000	C Adelaide	146,93750	
+				
+	VK6RWN 20,0000	A Perth	1273,90000	
+				
+	VK6RWN -5,4000	B Perth	438,30000	
+				
+	VK6RWN -0,6000	C Perth	146,83750	
+				
+	VK8RAD 20,0000	A Darwin	1273,40000	
+				
+	VK8RAD -5,0000	B Darwin	438,75000	
+				
+	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 Cerolina	A Greensborp	1284,4000	
+				
+	AK4EG 5,0000	B Greensborp	444,8875	Cerolina
+				
+	AK4EG -0,6000	C Greensborp	145.3200	Cerolina
+				
+	K0HAM -12,0000 Missouri	A Kansas City	1287,0000	
+				
+	K0HAM 5,0000	B Kansas City	442,1250	Missouri
+				
+	K0HAM -0,6000	C Kansas City	145,1200	Missouri
+				
+	K0MDG -12,0000	A St. Louis	1285,0000	Missouri
+				
+	K0MDG 5,0000	B St. Louis	442.5750	Missouri
+				
+	K0MDG 0,6000	C St. Louis	147,0375	Missouri
+				
+	K1HRO -20,0000 Hampshire	A Manchester	1293,1239	New
+				

	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	Philadephia	New	
	Jersy			
+				

	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 5,0000	B Jackson	444,8250 Mississippi	
+				
+	K5RKN -0,6000	C Jackson	145,1700 Mississippi	
+				
+	K5TIT -20,0000	A Dallas	1293,0000 Texas	
+				
+	K5TIT 5,0000	B Dallas	442,0000 Texas	
+				
+	K5TIT 0,6000	C Dallas	147,3600 Texas	
+				
+	K5ZOE 5.0000 Carolina	B Columbia	443,3250 South	
+				
+	K6ACS 5,0000	B Santa Rose	442,1125 California	
+				
+	K6ACS -0,4000	C Santa Rose	145,0400 California	
+				
+	K6CHO -12,0000	A Chico	1286,5250 California	
+				
+	K6CHO -0,4000	C Chico	144,9200 California	
+				
+	K6LRG -12,0000	A San Jose	1286,6250 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	Cincinnati	Ohio	
+				
+	KI8BIG	C	145,3500	
	-0,6000	Cincinnati	Ohio	
+				
+	K8ETN	C	145,2000	
	???	Lansing	Michigan	
+				
+	K8LCD	A	1294,4800	
	-20,0000	Detroit West		
	Michigan			
+				
+	K8LCD	B	444,0625	
	5,0000	Detroit 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 5,0000	B Austin	440,5750 Texas	
+				
+	KE5RCS -0,6000	C Austin	145,1300 Texas	
+				
+	KE7JFH -12,0000	A Phoenix West	1295,6500 Arizona	
+				
+	KE7JFH -5,0000	B Phoenix West	445,9750 Arizona	
+				
+	KE7JFH -0,6000	C Phoenix West	145,1250 Arizona	
+				
+	KE7MVI 5,0000	B Medford	443,7750 Oregon	
+				
+	KE7WTB 5,0000	B Seattle	445,6600 Washington	
+				
+	KE7WTB 0,6000	C Seattle	146,1150 Washington	
+				
+	KE7WTC -12,0000	A Seattle	1282,6500 Washington	
+				
+	KE7WTC -5,0000	B Seattle	447,0000 Washington	
+				

+	KE7WTC -0,6000	C Seattle	146,6050 Washington	
+				
+	KF6BQK -5,0000 California	B Long Beach	449,0800	
+				
+	KI4PPF -12,0000	A Hundsville	1284,0000 Alabama	
+				
+	KI4PPF 5,0000	B Hundsville	443,3750 Alabama	
+				
+	KI4PPF -6,0000	C Hundsville	145,4300 Alabama	
+				
+	KI4SAZ -20,0000 Mississippi	A Mobile Bay	1285,0000	
+				
+	KI4SAZ 5,0000	B Mobile Bay	444,3000 Mississippi	
+				
+	KI4SAZ -0,6000	C Mobile Bay	145,3100 Mississippi	
+				
+	KI4SBA -12,0000	A Atlanta	1284,4000 Georgia	
+				
+	KI4SBA 5,0000	B Atlanta	444,3500 Georgia	
+				
+	KI4SBA -0,6000	C Atlanta	145,2000 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
+	

+	KI6IUL	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	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	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	Philadelfia S	New Jersey	
+				

+	NI2DS	B	447,4750	
	-5,0000	Philadelphia S	New	
	Jersey			
+				
+	NI2DS	C	146,7750	
	-0,6000	Philadelphia S	New	
	Jersey			
+				
+	NI2MC	B	446,6250	
	???	New York W	New	
	Jersey			
+				
+	NI2MC	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	Missuri	

+	
+	W00MD 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 -0,6000	C	145,3500	Atlanta	Alabama
+					
+	W4DSI 5,0000	B	444,1250	Lexigton	Kentuky
+					
+	W4DSI -0,6000	C	146,9400	Lexigton	Kentuky
+					
+	W4HFH -12,0000	A	1284,6000	Washigton W	Maryland
+					
+	W4HFH 5,0000	B	442,0600	Washigton W	Maryland
+					
+	W4HFH -0,6000	C	145,3800	Washigton W	Maryland
+					
+	W4HRS -12,5000	A	1284,2250	Charleston	South Carolina
+					
+	W4HRS 5,0000	B	444,1125	Charleston	South Carolina
+					
+	W4HRS -0,6000	C	145,1600	Charleston	South Carolina
+					

+	W4KCO	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 5,0000	B Huntsvilla	443,4250 Alabama	
+				
+	W4WBC -0,6000	C Huntsvilla	145,3600 Alabama	
+				
+	W5GAD -12,0000 Lousiana	A New Orleans	1285,0000	
+				
+	W5GAD 5,0000 Lousiana	B New Orleans	444,9250	
+				
+	W5GAD -0,6000 Lousiana	C New Orleans	146,9250	
+				
+	W5HAT 5,0000	B Waco	440,6250 Texas	
+				
+	W5HAT 0,6000	C Waco	147,2400 Texas	
+				
+	W5HDR -20,0000	A Houston	1293,0000 Texas	
+				
+	W5HDR 5,0000	B Houston	440,6000 Texas	
+				
+	W5HDR 1,0000	C Houston	146,4700 Texas	
+				
+	W5HDT -20,0000	A Houston	1293,2000 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 5,0000	B Columbus	442,6500 Ohio	
+				
+	W8DIG -0,6000	C Columbus	145,3900 Ohio	
+				
+	W8LIV 5,0000	B Detroid West	444,0375 Michigan	
+				
+	W8LIV -0,6000	C Detroid West	145,3200 Michigan	
+				
+	W8RNL -20,0000	A Cincinati	1293,0000 Indiana	
+				
+	W8RNL 5,0000	B Cincinati	442,6250 Indiana	
+				
+	W8RNL -0,6000	C Cincinati	145,1600 Indiana	
+				
+	W8SHI 5,0000	B Flint	444,3000 Michigan	
+				
+	W8SHI -0,6000	C Flint	145,2400 Michigan	
+				
+	W9ARP 5,0000	B Indianapolis N	444,3000 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			
+				

Ausgabe: 11.05.2024 Dieses Dokument wurde erzeugt mit BlueSpice Seite 312 von 337

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.

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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. 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:

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
DB0FWW 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 Tennesse
W4PL B 443,1500 5,0000 Chattanooga Tennesse
W4PL C 145,2900 -0,6000 Chattanooga Tennesse
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 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.