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Frequenzen D-Star

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Version vom 8. Februar 2009, 13:25 Uhr ([Quelltext anzeigen](#)) **Aktuelle Version vom 29. Oktober 2014, 19:04 Uhr ([Quelltext anzeigen](#))**
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(88 dazwischenliegende Versionen von 8 Benutzern werden nicht angezeigt)

Zeile 1:	Zeile 1:
– [[Kategorie:D-Star]]	+ Bei der IARU Konferenz 2008 in Cavtat wurden folgende Frequenzbereiche für D-Star vorgesehen.

– 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"

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- + **433.450 digital**
Anruffrequenz
- +
- + **===23cm===**
- +
- + **im Bereich 1297.500 bis 1297.975**
** sind alle Frequenzen auch für**
den digitalen Betrieb (Sprache)
vorgesehen.
- +
- + **1297.725 digital**
**Anruffrequenz
**
- + **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 grv 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: ==

+

+

+

+ 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 -7,6000	B Hamburg	439,51250	
+				
+	DB0HOT -7,6000	B Lobsdorfer Höhe	439,50000	
+				
+	DB0HRF -7,6000	B Frankfurt	439,45000	
+				
+	DB0HRM -7,6000	B Kassel	439,52500	
+				
+	DB0HRR -0,6000	C Bad Hersfeld	145,70000	
+				
+	DB0HSK -7,6000	B Meschede	439,50625	
+				
+	DB0IKS -7,6000	B Saarbrücken	439,46250	
+				
+	DB0LBX -7,6000	B Stuttgart	439,55000	
+				
+	DB0LE -7,6000	B Leipzig	439,57500	
+				
+	DB0MFR -7,6000	B Hemmor	439,47500	
+				
+	DB0MYK -7,6000	B Koblenz	439,56250	
+				

+	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 -7,6000	B Veitshöchheim	439,48750	
+				
+	DB0XPO -7,6000	B Hannover	439,55000	
+				
+	DB0ZB -7,6000	B Bayreuth	439,56250	
+				
+	DB0ZO -0,6000	C Bad Iburg	145,75000	
+				
+	DB0ZO -7,6000	B Bad Iburg	439,56250	
+				
+	DF0HHH -7,6000	B Hamburg	439,57500	
+				
+	DF0HMR -7,6000	B Duisburg	439,47500	
+				
+	DF0HMR -0,6000	C Duisburg	145,60000	
+				
+	DM0FI -7,6000	B Erzgebirge	439,45000	
+				
+	DM0HMB -28,0000	A Hamburg	1298,70000	
+				
+	DM0HMB -7,6000	B Hamburg	439,45000	
+				

+	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 7,6000	B	430,82500 London Northwest	
+				
+	GB7AU -9,0000	B	439,70000 London Northwest	
+				
+	GB7CD -9,0000	B	439,70000 Bristol West	
+				
+	GB7DB -9,0000	B	439,66250 London Nord	
+				
+	GB7DE -9,0000	B	439,60000 Edinburg Nord	
+				
+	GB7DE -0,6000	C	145,63750 Edinburg Nord	
+				
+	GB7DG -9,0000	B	439,70000 Glasgow	
+				
+	GB7DG -0,6000	C	145,77500 Glasgow	
+				
+	GB7DS -20,0000	A	1290,15000 Heme Bay	
+				
+	GB7DV -9,0000	B	439,61250 Warnigton	
+				
+	GB7DW -0,6000	C	145,61250 Glasgow Süd	
+				

+	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 -9,0000	B Leeds	439,45000	
+				
+	GB7IC -20,0000	A Canterburry	1290,65000	
+				
+	GB7IC -9,0000	B Canterburry	439,45000	
+				
+	GB7JF -9,0000	B Northhampton	439,63750	
+				
+	GB7JH -9,0000	B Worthing	439,71250	
+				
+	GB7NM -9,0000	B Manchester	439,46250	
+				
+	GB7PI -9,0000	B Cambridge	439,91250	
+				

+	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 5,0000	B Venecia	430,01250	
+				
+	IR3DA -0,6000	C Venecia	145,80000	
+				
+	IR3DB 5,0000	B Verona	430,45000	
+				
+	IR3UEF 1,6000	B Padua	431,47500	
+				
+	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	430,45000 Salerno	
+				
+	IR8CA 5,0000	B	430,47500 Napoli Süd	
+				
+	IR8CA -0,6000	C	145,66250 Napoli Süd	
+				
+	IR8UAF 5,0000	B	430,50000 Napoli Nord	
+				
+	IR9G -0,6000	C	145,66250 Palermo	
+				
+	== D-STAR Relaisliste Norwegen: ==			
+				
+				
+	LD3DV -2,0000	B	434,52500 Oslo	
+				
+	== D-STAR Relaisliste Argentinien: ==			
+				
+				
+	LU3AOC -12,0000	A	1282,00000 Buenos Aires	
+				
+	LU3AOC 5,0000	B	434,95000 Buenos Aires	
+				
+	LU3AOC -0,6000	C	147,34500 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 -20,0000	A Quebec	1283,00000	
+				
+	VE2RMF -5,0000	B Quebec	449,92500	
+				
+	VE2RMF -0,6000	C Quebec	144,95000	
+				
+	VE2RQF -0,6000	C Sherbrooke	145,33000	
+				
+	VE2RTO 5,0000	B Magog	442,00000	
+				
+	VE2RVR 5,0000	B Montreal	444,20000	
+				
+	VE2TXD 5,0000	B Victonaville	441,17000	
+				
+	VE2TXD 0,6000	C Victonaville	144,81000	
+				
+	VE3RPT 5,0000	B Toronto	443,22500	
+				
+	VE3RXR -0,6000	C Sudbury	145,31000	
+				
+	VE3TTT 5,0000	B Hamilton	442,30000	
+				

+	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 5,0000	B	444,92500 Calgary	
+				
+	VE6WRN -0,6000	C	146,80500 Calgary	
+				
+	VE7RAG -20,0000	A	1291,94000 Vancouver	
+				
+	VE7RAG 5,0000	B	443,40000 Vancouver	
+				
+	VE7RAG 0,6000	C	147,02000 Vancouver	
+				
+	VE7VIC -20,0000	A	1291,50000 Victoria	
+				
+	VE7VIC 5,0000	B	442,00000 Victoria	
+				

+	VE7VIC 0,6000	C Victoria	145,08000	
+				
+	VO1ILP 5,0000	B Neufundland	443,40000	
+				
+	== D-STAR Relaisliste Australien: ==			
+				
+				
+	VK2RDS 20,0000	A Sydney Süd	1273,85000	
+				
+	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	1273,10000	
		Brisbane Süd		
+				
+	VK4RWN -5,4000	B	438,22500	
		Brisbane Süd		
+				
+	VK4RWN -0,6000	C	146,83750	
		Brisbane Süd		
+				
+	VK5REX -5,4000	B	438,22500	
		Port Lincoln		
+				
+	VK5RWN 20,0000	A	1273,70000	
		Adelaide		
+				
+	VK5RWN -5,4000	B	438,40000	
		Adelaide		
+				
+	VK5RWN -0,6000	C	146,93750	
		Adelaide		
+				
+	VK6RWN 20,0000	A	1273,90000	
		Perth		
+				
+	VK6RWN -5,4000	B	438,30000	
		Perth		
+				
+	VK6RWN -0,6000	C	146,83750	
		Perth		
+				
+	VK8RAD 20,0000	A	1273,40000	
		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 5,0000	B	440,5250 Austin	Texas	
+					
+	K5CTX 0,6000	C	147,3400 Austin	Texas	
+					
+	K5MIJ 5,0000	B	440,6000 Dallas	Texas	
+					
+	K5PLD 1,0000	C	146,4900 Lhasa	Tibet	
+					
+	K5RKN 5,0000	B	444,8250 Jackson	Mississippi	
+					
+	K5RKN -0,6000	C	145,1700 Jackson	Mississippi	
+					
+	K5TIT -20,0000	A	1293,0000 Dallas	Texas	
+					
+	K5TIT 5,0000	B	442,0000 Dallas	Texas	
+					
+	K5TIT 0,6000	C	147,3600 Dallas	Texas	
+					
+	K5ZOE 5,0000 Carolina	B	443,3250 Columbia	South	
+					
+	K6ACS 5,0000	B	442,1125 Santa Rose	California	
+					

+	K6ACS	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	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	Chicago 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 3,0000	C Portland	144,5100 Oregon	
+				
+	KD8DRG 5,0000	B Akron	442,5750 Ohio	
+				
+	KD8DRG -0,6000	C Akron	146,9550 Ohio	
+				
+	KE5RCS -20,0000	A Austin	1295,1295 Texas	
+				
+	KE5RCS 5,0000	B Austin	440,5750 Texas	
+				
+	KE5RCS -0,6000	C Austin	145,1300 Texas	
+				
+	KE7JFH -12,0000	A Phoenix West Arizona	1295,6500	
+				
+	KE7JFH -5,0000	B Phoenix West Arizona	445,9750	
+				
+	KE7JFH -0,6000	C Phoenix West Arizona	145,1250	
+				
+	KE7MVI 5,0000	B Medford	443,7750 Oregon	
+				
+	KE7WTB 5,0000	B Seattle	445,6600 Washington	

+	
+	KE7WTB C 146,1150 0,6000 Seattle Washington
+	
+	KE7WTC A 1282,6500 -12,0000 Seattle Washington
+	
+	KE7WTC B 447,0000 -5,0000 Seattle Washington
+	
+	KE7WTC C 146,6050 -0,6000 Seattle Washington
+	
+	KF6BQK B 449,0800 -5,0000 Long Beach California
+	
+	KI4PPF A 1284,0000 -12,0000 Hundsville Alabama
+	
+	KI4PPF B 443,3750 5,0000 Hundsville Alabama
+	
+	KI4PPF C 145,4300 -6,0000 Hundsville Alabama
+	
+	KI4SAZ A 1285,0000 -20,0000 Mobile Bay Mississippi
+	
+	KI4SAZ B 444,3000 5,0000 Mobile Bay Mississippi
+	

+	KI4SAZ -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 -12,0000 Alabama	A Birmingham	1282,5000	
+				
+	KI4SBB 5,0000	B Birmingham	443,9750 Alabama	
+				
+	KI4SBB 0,6000	C Birmingham	145,4800 Alabama	
+				
+	KI4TMJ -12,0000	A Gulfport	1284,0000 Mississippi	
+				
+	KI4TMJ 5,0000	B Gulfport	444,4750 Mississippi	
+				
+	KI4TMJ -0,6000	C Gulfport	145,1700 Mississippi	
+				
+	KI4WXS -12,0000	A Gstonia	1284,0000 Carolina	
+				

+	KI4WXS 5,0000	B Gstonia	443,8625 Carolina	
+				
+	KI4WXS -0,6000	C Gstonia	145,1400 Carolina	
+				
+	KI6JKA -5,0000 California	B Los Angeles	447,2000	
+				
+	KI6JUL -12,0000 California	A Los Angeles	1286,5250	
+				
+	KI6JUL -0,6000	C San Jose	145,6800 California	
+				
+	KI6KQU -5,0000	B San Diego	447,8400 California	
+				
+	KI6MGN -5,0000 California	B San Diego N	445,8600	
+				
+	KI6MGN -0,6000 California	C San Diego N	145,5850	
+				
+	KJ4ACN -20,0000	A Tampa	1293,5500 Florida	
+				
+	KJ4ACN 5,0000	B Tampa	444,7750 Florida	
+				

+	KI4ACN 0,6000	C Tampa	147,3750 Florida	
+				
+	KI4ARB -20,0000	A Tampa	1293,0000 Florida	
+				
+	KI4ARB 5,0000	B Tampa	444,6750 Florida	
+				
+	KI4ARB 0,6000	C Tampa	147,0100 Florida	
+				
+	KI4BDF ???	B Atlanta	440,7250 Gorgia	
+				
+	KI4BWK 5,0000	B Columbia	443,2000 Carolina	
+				
+	KI4BWK -0,6000	C Columbia	145,4000 Carolina	
+				
+	KI4BYI 5,0000	B Tampa	442,7625 Florida	
+				
+	KI4FCS 5,0000	B Columbia	442,7750 Carolina	
+				
+	KI4GGV -12,0000	A Savannah	1282,7000 Gorgia	
+				
+	KI4GGV 5,0000	B Savannah	440,7000 Gorgia	
+				

+	KI4GGV	C	145,3000	
	-0,6000	Savannah	Gorgia	
+				
+	KL7FF	C	147,3800	
	0,6000	Ketchikan	Alaska	
+				
+	KR7ST	A	1284,7500	
	-12,0000	Tuscon	Arizona	
+				
+	KR7ST	B	445,9500	
	-5,0000	Tuscon	Arizona	
+				
+	KR7ST	C	147,4100	
	-1,0000	Tuscon	Arizona	
+				
+	KT7APR	B	443,6250	
	5,0000	Lima	Ohio	
+				
+	KX4DOR	B	442,8375	
	5,0000	Charleston	South	
	Carolina			
+				
+	KX4DOR	C	145,2800	
	-0,6000	Charleston	South	
	Carolina			
+				
+	N1HIT	B	448,8750	
	-5,0000	Manchester	New	
	Hampshire			
+				
+	N1HIT	C	145,4000	
	-0,6000	Manchester	New	
	Hampshire			
+				

	N4USI	B	442,4125	
+	5,0000		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 -20,0000	A	1292,2000 Cikago	Iowa	
+					
+	NS9RC 5,0000	B	442,0938 Cikago	Iowa	
+					
+	NT5RN -20,0000	A	1293,5000 Dallas	Texas	
+					
+	NT5RN 5,0000	B	443,0250 Dallas	Texas	
+					
+	NT5RN -0,6000	C	145,1500 Dallas	Texas	
+					
+	NV4FM -12,0000 Maryland	A	1282,8000 Washigton W		
+					
+	NV4FM -5,0000 Maryland	B	448,0350 Washigton W		
+					
+	NV4FM -6,0000 Maryland	C	145,3400 Washigton W		
+					
+	W0CDS -12,0000	A	1283,9625 Denver	Colorado	
+					
+	W0CDS -5,0000	B	446,9625 Denver	Colorado	
+					
+	W0CDS -0,6000	C	145,2500 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
+	
+	W0OMD C 146,7750 -0,6000 Springfield Missuri
+	
+	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			

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

+	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 -20,0000	A	1293,0000 Cincinnati	Indiana	
+					
+	W8RNL 5,0000	B	442,6250 Cincinnati	Indiana	
+					
+	W8RNL -0,6000	C	145,1600 Cincinnati	Indiana	
+					
+	W8SHI 5,0000	B	444,3000 Flint	Michigan	
+					
+	W8SHI -0,6000	C	145,2400 Flint	Michigan	
+					
+	W9ARP 5,0000 Indiana	B	444,3000 Indianapolis N		
+					
+	W9ARP -0,6000 Indiana	C	146,7300 Indianapolis N		
+					
+	W9BCC -12,0000	A	1282,1000 Wausau	Wisconsin	
+					
+	W9ICE 5,0000	B	444,1250 Indianapolis	Indiana	
+					
+	W9ICE 0,6000	C	147,3900 Indianapolis	Indiana	
+					
+	W9PIA -20,0000	A	1292,4000 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 5,0000	B Atlanta W	442,4250 Alabama	
+				
+	WB4GNA -0,6000	C Atlanta W	145,3000 Alabama	
+				
+	WD4STR -12,0000 Alabama	A Atlanta Ost	1282,5500	
+				
+	WD4STR 5,0000	B Atlanta Ost	440,5500 Alabama	
+				
+	WD4STR -0,6000	C Atlanta Ost	146,9700 Alabama	
+				
+	WD5AAI -20,0000 Oklahoma	A Oklahoma City	1293,0000	
+				
+	WD5AAI 5,0000 Oklahoma	B Oklahoma City	442,6250	
+				
+	WD5AAI 0,6000 Oklahoma	C Oklahoma City	147,3450	
+				
+	WD5STR 5,0000	B San Antonio	440,6000 Texas	
+				
+	WD5STR 1,0000	C San Antonio	146,4900 Texas	
+				

+	WD8MKG 5,0000	B Muskegon	444,0125 Michigan	
+				
+	WD8MKG -0,6000	C Muskegon	145,3600 Michigan	
+				
+	WH6DIG 5,0000	B Honolulu	444,9250 Hawaii	
+				
+	WH6DIG 0,6000	C Honolulu	147,1800 Hawaii	
+				
+	WR9AND 5,0000	B Indianapolis	441,8000 Indiana	
+				
+	WS4VA -20,0000 Maryland	A Washigton S	1282,2000	
+				
+	WS4VA -5,0000 Maryland	B Washigton S	447,3750	
+				
+	WS4VA -0,6000 Maryland	C Washigton S	145,3200	
+				
+	WU5PIG 5,0000	B Fort Smith	442,6000 Arkansas	
+				
+	WX4GPB -12,0000	A Atlanta	1282,7000 Geogia	
+				
+	WX4GPB 5,0000	B Atlanta	440,7000 Geogia	

	+		
	+	WX4GPB	C 144,9600
		2,5000	Atlanta Georgia
	+		
	+	WX8GRR	B 442,5500
		5,0000	Grand Rapids
		Michigan	
	+		
	+	WX8GRR	C 147,2900
		0,6000	Grand Rapids
		Michigan	
	+		
-		145.375 digital Anruffrequenz	
	+		Nochmals die Bemerkung: Diese Liste kann nicht garantieren, welche Repeater derzeit qrv sind.

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

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

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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.

145.375 digital Anruf Frequenz

70cm

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

433.450 digital Anruf Frequenz

23cm

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

1297.725 digital Anruf Frequenz

1297.900-1297.975 Simplex FM Internet voice gateways

Frequenzen ausländischer Relais:

Dazu eine Vorbemerkung:

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

D-STAR Repeaters

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

D-STAR Relaisliste Portugal:

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

D-STAR Relaisliste Deutschland:

Teilweise noch kein Gateway, daher nur lokal!

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

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

DB0SAT C 145,77500 -0,6000 Hamburg Wilhelmsburg

DB0SEN B 439,54375 -7,6000 Münster

DB0SIF B 439,48750 -7,6000 Giesen

DB0SN B 439,50000 -7,6000 Göttingen

DB0SZS C 145,63750 -0,6000 Osnabrück

DB0SZS B 439,50000 -7,6000 Osnabrück

DB0TVM B 439,57500 -7,6000 München

DB0VOX B 439,52500 -7,6000 Nürnberg

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

DB0WK B 439,46250 -7,6000 Rhön

DB0WZ A 1298,32500 -28,0000 Würzburg

DB0WZ B 439,47500 -7,6000 Würzburg

DB0WZ C 145,72500 -0,6000 Würzburg

DB0WZB B 439,48750 -7,6000 Veitshöchheim

DB0XPO B 439,55000 -7,6000 Hannover

DB0ZB B 439,56250 -7,6000 Bayreuth

DB0ZO C 145,75000 -0,6000 Bad Iburg

DB0ZO B 439,56250 -7,6000 Bad Iburg

DF0HHH B 439,57500 -7,6000 Hamburg

DF0HMR B 439,47500 -7,6000 Duisburg

DF0HMR C 145,60000 -0,6000 Duisburg

DM0FI B 439,45000 -7,6000 Erzgebirge

DM0HMB A 1298,70000 -28,0000 Hamburg

DM0HMB B 439,45000 -7,6000 Hamburg

DM0HMB C 145,78750 -0,6000 Hamburg

DM0MW B 439,55000 -7,6000 Dresden

DM0XX B 439,51250 -7,6000 Bremen

D-STAR Relaisliste Spanien:

EA3RCC B 438,47500 -7,6000 Barcelona

EA5A B 438,20000 -7,6000 Valencia

D-STAR Relaisliste Frankreich:

F1ZPL B 430,26250 9,4000 Paris

F1ZPL C 145,51250 -0,6000 Paris

D-STAR Relaisliste England:

GB7AD B 439,91250 -9,0000 Bristol

GB7AI B 430,82500 7,6000 London Northwest

GB7AU B 439,70000 -9,0000 London Northwest

GB7CD B 439,70000 -9,0000 Bristol West

GB7DB B 439,66250 -9,0000 London Nord

GB7DE B 439,60000 -9,0000 Edinburg Nord

GB7DE C 145,63750 -0,6000 Edinburg Nord

GB7DG B 439,70000 -9,0000 Glasgow

GB7DG C 145,77500 -0,6000 Glasgow

GB7DS A 1290,15000 -20,0000 Heme Bay

GB7DV B 439,61250 -9,0000 Warnigton

GB7DW C 145,61250 -0,6000 Glasgow Süd

GB7DX B 439,70000 -9,0000 Asford

GB7FK B 439,73750 -9,0000 Dover

GB7FK C 145,78750 -0,6000 Dover

GB7GD C 145,68750 -0,6000 Aberdeen

GB7HD B 439,45000 -9,0000 Leeds

GB7IC A 1290,65000 -20,0000 Canterbury

GB7IC B 439,45000 -9,0000 Canterbury

GB7JF B 439,63750 -9,0000 Northhampton

GB7JH B 439,71250 -9,0000 Worthing

GB7NM B 439,46250 -9,0000 Manchester

GB7PI B 439,91250 -9,0000 Cambridge

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

D-STAR Relaisliste Schweiz:

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

D-STAR Relaisliste Italien:

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

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

D-STAR Relaisliste Norwegen:

LD3DV B 434,52500 -2,0000 Oslo

D-STAR Relaisliste Argentinien:

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

D-STAR Relaisliste Belgien:

ON0CPS B 439,56250 -7,6000 Charleroi

ON0OS B 439,50000 -7,6000 Ostende

ON0OS C 145,71250 -0,6000 Ostende

ON0WV B 439,56250 -7,6000 Bruegge

D-STAR Relaisliste Dänemark:

OZ2REA B 434,93750 -2,0000 Kopenhagen

OZ2REA C 145,78750 -0,6000 Kopenhagen

OZ2REB C 145,76875 -0,6000 Odense

OZ4RED B 434,91250 -2,0000 Holbeak

OZ4RED C 145,63750 -0,6000 Holbeak

OZ9RET B 434,98750 -2,0000 Visby

OZ9RET C 145,66250 -0,6000 Visby

D-STAR Relaisliste Holland:

PI1DSA B 439,82500 -9,4000 Utrecht

PI1HWB B 430,92500 7,6000 Rotterdam

D-STAR Relaisliste Brasilien:

PY2KPP C 145,41000 -0,6000 Sao Paulo

D-STAR Relaisliste Slowenien:

S55DGO B 438,50000 -7,6000 Gorica

S55DLJ B 438,20000 -7,6000 Lublijana

S55DMX B 438,35000 -7,6000 Maribor

D-STAR Relaisliste Griechenland:

SV3G B 439,40000 -7,6000 unbekannt

SZ1SV A 1270,02500 28,0000 Athen

SZ1SV B 439,42500 -7,6000 Athen

D-STAR Relaisliste Canada:

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

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

D-STAR Relaisliste Australien:

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

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

D-STAR Relaisliste USA:

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

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

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

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

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

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

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

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

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

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

W9PIA A 1292,4000 -20,0000 Dallas Texas

W9PIA B 443,4688 5,0000 Dallas Texas

W9PIA C 145,1050 -0,6000 Dallas Texas

W9YR B 443,4813 5,0000 Champaign Illinois

WA5UNH B 440,7000 5,0000 San Antonio Texas

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

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

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

WA7FW B 443,8500 5,0000 Seattle Washigton

WA7FW C 147,0400 0,6000 Seattle Washigton

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

WB4GNA B 442,4250 5,0000 Atlanta W Alabama

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

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

WD4STR B 440,5500 5,0000 Atlanta Ost Alabama

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

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

WD5AAI B 442,6250 5,0000 Oklahoma City Oklahoma

WD5AAI C 147,3450 0,6000 Oklahoma City Oklahoma

WD5STR B 440,6000 5,0000 San Antonio Texas

WD5STR C 146,4900 1,0000 San Antonio Texas

WD8MKG B 444,0125 5,0000 Muskegon Michigan

WD8MKG C 145,3600 -0,6000 Muskegon Michigan

WH6DIG B 444,9250 5,0000 Honolulu Hawaii

WH6DIG C 147,1800 0,6000 Honolulu Hawaii

WR9AND B 441,8000 5,0000 Indianapolis Indiana

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

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

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

WU5PIG B 442,6000 5,0000 Fort Smith Arkansas

WX4GPB A 1282,7000 -12,0000 Atlanta Geogia

WX4GPB B 440,7000 5,0000 Atlanta Geogia

WX4GPB C 144,9600 2,5000 Atlanta Geogia

WX8GRR B 442,5500 5,0000 Grand Rapids Michigan

WX8GRR C 147,2900 0,6000 Grand Rapids Michigan

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