

range_id	country	freq_low	freq_high	type	comment	time_added
1	NATO	17.00000	148.50000	REQUIREMENT FOR NAVAL COMMUNICATIONS	"Request for Approval of the NATO Joint Civil/Military Frequency Agreement (NJFA) 2002", NATO Unclassified Action Sheet to PO(2002)167, December 2002	2016-07-26 10:34:37
2	NATO	283.50000	415.00000	REQUIREMENT FOR TACTICAL NON-DIRECTIONAL BEACONS	"Request for Approval of the NATO Joint Civil/Military Frequency Agreement (NJFA) 2002", NATO Unclassified Action Sheet to PO(2002)167, December 2002	2016-07-26 10:34:37
3	NATO	415.00000	536.50000	REQUIREMENT FOR TACTICAL NON-DIRECTIONAL BEACONS	"Request for Approval of the NATO Joint Civil/Military Frequency Agreement (NJFA) 2002", NATO Unclassified Action Sheet to PO(2002)167, December 2002	2016-07-26 10:34:37
4	NATO	1606.50000	30000.00000	ESSENTIAL REQUIREMENT FOR AIRBORNE LONG-DISTANCE COMM, WIDE-BAND TELEGRAPHY, TACTICAL COMM, RADIOLOCATION (SHARED WITH PUBLIC)	"Request for Approval of the NATO Joint Civil/Military Frequency Agreement (NJFA) 2002", NATO Unclassified Action Sheet to PO(2002)167, December 2002	2016-07-26 10:34:37
5	NATO	30300.00000	30500.00000	HARMONISED NATO BAND TYPE 3 (ESSENTIAL REQUIREMENT FOR TACTICAL COMM)	"Request for Approval of the NATO Joint Civil/Military Frequency Agreement (NJFA) 2002", NATO Unclassified Action Sheet to PO(2002)167, December 2002	2016-07-26 10:34:37

range_id	country	freq_low	freq_high	type	comment	time_added
6	NATO	32150.00000	33450.00000	HARMONISED NATO BAND TYPE 3 (ESSENTIAL REQUIREMENT FOR TACTICAL COMM)	"Request for Approval of the NATO Joint Civil/Military Frequency Agreement (NJFA) 2002", NATO Unclassified Action Sheet to PO(2002)167, December 2002	2016-07-26 10:34:37
7	NATO	41000.00000	45000.00000	HARMONISED NATO BAND TYPE 3 (ESSENTIAL REQUIREMENT FOR TACTICAL COMM)	"Request for Approval of the NATO Joint Civil/Military Frequency Agreement (NJFA) 2002", NATO Unclassified Action Sheet to PO(2002)167, December 2002	2016-07-26 10:34:37
8	NATO	45000.00000	47000.00000	HARMONISED NATO BAND TYPE 1 (ESSENTIAL REQUIREMENT FOR TACTICAL COMM)	"Request for Approval of the NATO Joint Civil/Military Frequency Agreement (NJFA) 2002", NATO Unclassified Action Sheet to PO(2002)167, December 2002	2016-07-26 10:34:37
9	NATO	73300.00000	74100.00000	HARMONISED NATO BAND TYPE 3 (ESSENTIAL REQUIREMENT FOR TACTICAL COMM)	"Request for Approval of the NATO Joint Civil/Military Frequency Agreement (NJFA) 2002", NATO Unclassified Action Sheet to PO(2002)167, December 2002	2016-07-26 10:34:37
10	NATO	79000.00000	79700.00000	HARMONISED NATO BAND TYPE 3 (ESSENTIAL REQUIREMENT FOR TACTICAL COMM)	"Request for Approval of the NATO Joint Civil/Military Frequency Agreement (NJFA) 2002", NATO Unclassified Action Sheet to PO(2002)167, December 2002	2016-07-26 10:34:37

range_id	country	freq_low	freq_high	type	comment	time_added
11	NATO	138000.00000	144000.00000	ESSENTIAL REQUIREMENT FOR <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> OPERATIONAL AIR TRAFFIC AND <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> REQUIREMENT FOR LAND MOBILE COMM	"Request for Approval of the NATO Joint Civil/Military Frequency Agreement (NJFA) 2002", NATO Unclassified Action Sheet to PO(2002)167, December 2002	2016-07-26 10:34:37
12	NATO	156000.00000	174000.00000	REQUIREMENT FOR SONOBUOY <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> OPERATIONS AND NAVAL COMM (SHARED <input type="checkbox"/> <input type="checkbox"/> WITH PUBLIC)	"Request for Approval of the NATO Joint Civil/Military Frequency Agreement (NJFA) 2002", NATO Unclassified Action Sheet to PO(2002)167, December 2002	2016-07-26 10:34:37
13	NATO	225000.00000	400000.00000	HARMONIZED NATO BAND TYPE 1 ESSENTIAL REQUIREMENT FOR MOBILE <input type="checkbox"/> <input type="checkbox"/> SATELLITE, AIR-GROUND-AIR, <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> TERRESTRIAL AND MARITIME COMM (SHARED WITH PUBLIC [ESP. ANALOG AND DIGITAL BROADCAST])	"Request for Approval of the NATO Joint Civil/Military Frequency Agreement (NJFA) 2002", NATO Unclassified Action Sheet to PO(2002)167, December 2002	2016-07-26 10:34:37
14	NATO	14.00000	70.00000	ESSENTIAL REQUIREMENT FOR NAVAL <input type="checkbox"/> <input type="checkbox"/> COMMUNICATIONS	"Request for Approval of the NATO Joint Civil/Military Frequency Agreement (NJFA) 2002", NATO Unclassified Action Sheet to PO(2002)167, December 2002	2016-07-26 10:34:37
32	NATO	400150.00000	406000.00000	REQUIREMENT FOR METEOROLOGICAL AIDS	"Request for Approval of the NATO Joint Civil/Military Frequency Agreement (NJFA) 2002", NATO Unclassified Action Sheet to PO(2002)167, December 2002	2016-07-26 10:34:37

range_id	country	freq_low	freq_high	type	comment	time_added
33	NATO	420000.00000	450000.00000	REQUIREMENT (NAVAL AND AIRBORNE RADARS OVER OCEAN)	"Request for Approval of the NATO Joint Civil/Military Frequency Agreement (NJFA) 2002", NATO Unclassified Action Sheet to PO(2002)167, December 2002	2016-07-26 10:34:37
34	NATO	790000.00000	890000.00000	essential requirement	"Request for Approval of the NATO Joint Civil/Military Frequency Agreement (NJFA) 2002", NATO Unclassified Action Sheet to PO(2002)167, December 2002	2016-07-26 10:34:37
35	NATO	890000.00000	942000.00000	requirement for naval ship-borne radars	"Request for Approval of the NATO Joint Civil/Military Frequency Agreement (NJFA) 2002", NATO Unclassified Action Sheet to PO(2002)167, December 2002	2016-07-26 10:34:37
36	NATO	960000.00000	1215000.00000	requirement (tactical air navigation system, military identification systems)	"Request for Approval of the NATO Joint Civil/Military Frequency Agreement (NJFA) 2002", NATO Unclassified Action Sheet to PO(2002)167, December 2002	2016-07-26 10:34:37
37	NATO	1215000.00000	1350000.00000	essential requirement (air defense and long-range warning radars, navstar GPS)	"Request for Approval of the NATO Joint Civil/Military Frequency Agreement (NJFA) 2002", NATO Unclassified Action Sheet to PO(2002)167, December 2002	2016-07-26 10:34:37

range_id	country	freq_low	freq_high	type	comment	time_added
1	BRAZIL	30005.00000	30010.00000	shared, satellite identification	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG26870.htm	2016-07-26 10:27:35
2	BRAZIL	30010.00000	33560.00000	shared, satellite identification	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG26870.htm	2016-07-26 10:27:35
3	BRAZIL	33560.00000	33910.00000	shared with radio-taxi	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG26870.htm	2016-07-26 10:27:35
4	BRAZIL	33910.00000	34475.00000	shared	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG26870.htm	2016-07-26 10:27:35
5	BRAZIL	37500.00000	38250.00000	shared	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG26870.htm	2016-07-26 10:27:35
6	BRAZIL	40020.00000	40980.00000	shared	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG26870.htm	2016-07-26 10:27:35
7	BRAZIL	41015.00000	42540.00000	shared	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG26870.htm	2016-07-26 10:27:35

range_id	country	freq_low	freq_high	type	comment	time_added
8	BRAZIL	42980.00000	43700.00000	shared	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG26870.htm	2016-07-26 10:27:35
9	BRAZIL	43700.00000	47000.00000	shared, restricted radiation	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG26870.htm	2016-07-26 10:27:35
10	BRAZIL	47000.00000	48700.00000	shared	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG26870.htm	2016-07-26 10:27:35
11	BRAZIL	48700.00000	50000.00000	shared, restricted radiation	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG26870.htm	2016-07-26 10:27:35
12	BRAZIL	138000.00000	143600.00000	shared, policia federal	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG138250.htm	2016-07-26 10:30:36
13	BRAZIL	143650.00000	144000.00000	shared, policia federal	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG138250.htm	2016-07-26 10:30:12
14	BRAZIL	148000.00000	149900.00000	shared	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG138250.htm	2016-07-26 10:30:12

range_id	country	freq_low	freq_high	type	comment	time_added
15	BRAZIL	150050.00000	152000.00000	policia federal, SOS	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG138250.htm	2016-07-26 10:30:12
16	BRAZIL	152000.00000	152010.00000	official	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG138250.htm	2016-07-26 10:30:12
17	BRAZIL	152010.00000	152590.00000	shared, CEPOL	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG138250.htm	2016-07-26 10:30:12
18	BRAZIL	152590.00000	153000.00000	policia militar	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG138250.htm	2016-07-26 10:30:12
19	BRAZIL	153000.00000	154500.00000	shared	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG138250.htm	2016-07-26 10:30:12
20	BRAZIL	154500.00000	156000.00000	official, COPOM, policia militar	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG138250.htm	2016-07-26 10:30:12
21	BRAZIL	157450.00000	159410.00000	official, CODESP, CPFL, CECOM, Policia Civil	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG138250.htm	2016-07-26 10:30:12

range_id	country	freq_low	freq_high	type	comment	time_added
22	BRAZIL	160010.00000	160590.00000	shared, Policia Militar, Bombeiros	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG138250.htm	2016-07-26 10:30:12
23	BRAZIL	160590.00000	160600.00000	Policia Militar	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG138250.htm	2016-07-26 10:30:12
24	BRAZIL	160600.00000	160625.00000	shared	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG138250.htm	2016-07-26 10:30:12
25	BRAZIL	160975.00000	161475.00000	shared, policia militar	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG138250.htm	2016-07-26 10:30:12
26	BRAZIL	162025.00000	162050.00000	shared	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG138250.htm	2016-07-26 10:30:12
27	BRAZIL	162050.00000	164000.00000	shared, policia militar, satellites	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG138250.htm	2016-07-26 10:30:12
28	BRAZIL	166037.00000	166062.00000	shared, policia	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG138250.htm	2016-07-26 10:30:12

range_id	country	freq_low	freq_high	type	comment	time_added
29	BRAZIL	166062.00000	169200.00000	shared, COPOM, Policia	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG138250.htm	2016-07-26 10:30:12
30	BRAZIL	170200.00000	174000.00000	shared, COPOM, Policia	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG138250.htm	2016-07-26 10:29:45
31	BRAZIL	335400.00000	360400.00000	unknown, official use	https://www.itu.int/ITU-D/study_groups/SGP_1998-2002/JGRES09/pdf/brazil.pdf http://www.ecibernetico.com.br/radio/QRG223940.htm	2016-07-26 10:31:16
32	BRAZIL	388000.00000	389900.00000	Defesa Civil	http://www.anatel.gov.br/legislacao/resolucoes/2016/902-resolucao-665	2016-07-25 12:49:57
33	BRAZIL	398000.00000	399900.00000	Defesa Civil	http://www.anatel.gov.br/legislacao/resolucoes/2016/902-resolucao-665	2016-07-25 12:49:57
34	BRAZIL	380000.00000	382050.00000	Defesa Civil	http://www.anatel.gov.br/legislacao/resolucoes/2016/902-resolucao-665	2016-07-25 12:49:57
35	BRAZIL	390000.00000	392050.00000	Defesa Civil	http://www.anatel.gov.br/legislacao/resolucoes/2016/902-resolucao-665	2016-07-25 12:49:57
36	BRAZIL	703000.00000	708000.00000	Defesa Civil	http://www.anatel.gov.br/legislacao/resolucoes/2013/644-resolucao-625	2016-07-25 12:49:57
37	BRAZIL	758000.00000	763000.00000	Defesa Civil	http://www.anatel.gov.br/legislacao/resolucoes/2013/644-resolucao-625	2016-07-25 12:49:57
38	BRAZIL	4910000.00000	4940000.00000	Defesa Civil	http://www.anatel.gov.br/legislacao/resolucoes/2014/753-resolucao-633	2016-07-25 12:49:57