

**CHAPTER 2**

**PUBLICACTION OF FREQUENCY BAND USES AND  
RESERVATIONS**

## Chapter 2 - PUBLICACTIONS OF FREQUENCY BAND USES AND RESERVATIONS

<b>A.</b>	<b>Publicly available electronic communications networks and services:</b> Frequency bands and number of channels used in the operation of publicly available electronic communications networks and services up to <b>31 October 2005</b> .....	page 142
<b>B.</b>	<b>Frequency bands reserved and to be made available in 2006</b> , for the operation of electronic communications networks and services.	
<b>B.1</b>	publicly available .....	page 167
<b>B.2</b>	not available to the general public .....	page 173
<b>C.</b>	<b>Spectrum uses exempt from radio licensing</b>	
<b>C.1</b>	Network licence exemption .....	page 184
<b>C.2</b>	Station licence exemption.....	page 187

**A. Publicly available electronic communications networks and services:**  
Frequency bands and number of channels used in the operation of publicly available electronic communications networks and services up to **31 October 2005**

The terms and abbreviations that are used mean the following:

**Entity**, i.e., companies that provide publicly available electronic communications networks and services

**Rights of use:** identification of the need to allocate rights of frequency use, according to article 16 of Law no. 5/2004 of 10 February

**Date of allocation revision:** ending date of the concession contract or of the rights of frequency use

**Shared use:** use of a channel/frequency by more than one entity

**Exclusive use:** use of a channel/frequency by one single entity

**Scope of use:**

*n - national scope:* use of a channel/frequency in the national territory

*g - geographical scope:* use of a channel/frequency on a given, well determined area by radiocommunication stations, such as fixed stations, broadcasting stations and Earth stations.

**PUBLICLY AVAILABLE ELECTRONIC COMMUNICATIONS NETWORKS AND SERVICES  
- Uses -**

FIXED SERVICE - POINT-to-POINT LINKS				
Entity	Frequency Bands	Required rights of use	No. of Shared Use channels	Scope of use
PT COMUNICAÇÕES	1.5 GHz (1429 - 1525 MHz) Rec. 746-A1	NO	1	g
	2 GHz (2025 - 2290 MHz) ERC/REC T/R 13-01 Annex C	NO	2	g
	4 GHz (3800 - 4200 MHz) Rec. UIT-R 382-6 Main Plan.	NO	2	g
	6 GHz (5925 - 6425 MHz) ERC/REC 14-01 A1	NO	5	g
	6 GHz (6425 - 7110 MHz) ERC/REC 14-02 A1	NO	8	G
	7 GHz (7425 - 7750 MHz) Rec. UIT-R 385-6	NO	3	G
	8 GHz (7700-8300 MHz) Rec. UIT-R 386-5	NO	5	G
	8 GHz (8200-8500 MHz) Rec. UIT-R 386-6 A1	NO	2	G
	11 GHz (10.7 - 11.7 GHz) ERC/REC 12-06 Rec3	NO	11	G
	13 GHz (12.75 - 13.35 GHz) Rec. UIT-R 497-5	NO	8	G
	15 GHz (14.5 - 15.34 GHz) Rec. UIT-R 636-3	NO	1	G
	18 GHz (17.7 - 19.7 GHz) ERC/REC 12-03 Annex A	NO	10	G
	23 GHz (21.2 - 23.6 GHz) Rec. UIT-R 637-2	NO	3	G
VODAFONE PORTUGAL	6 GHz (6425 - 7110 MHz) ERC/REC 14-02 A1	NO	8	G
	7 GHz (7125 - 7425 MHz) ECC/REC 02-06 A1	NO	3	G
	11 GHz (10.7 - 11.7 GHz) ERC/REC 12-06 Rec3	NO	8	G
	13 GHz (12.75 - 13.35 GHz) Rec. UIT-R 497-5	NO	8	G
	15 GHz (14.5 - 15.35 GHz) ERC/REC 12-07	NO	5	G
	18 GHz (17.7 - 19.7 GHz) ERC/REC 12-03 Annex A	NO	19	G
	23 GHz (22-23.6 GHz) ERC/REC 13-02 Annex A	NO	14	G
	38 GHz (37 - 39.5 GHz) ERC/REC T/R 12-01	NO	16	G

**PUBLICLY AVAILABLE ELECTRONIC COMMUNICATIONS NETWORKS AND SERVICES**  
**- Uses -**

FIXED SERVICE - POINT-to-POINT LINKS				
Entity	Frequency Bands	Required rights of use	No. of Shared Use channels	Scope of use
CABOVISÃO - Televisão por Cabo, SA	18 GHz (17.7 - 19.7 GHz) ERC/REC 12-03 Annex A	NO	2	G
OPTIMUS	13 GHz (12.75 - 13.35 GHz) Rec. UIT-R 497-5	NO	2	G
	15 GHz (14.5 - 15.35 GHz) ERC/REC 12-07	NO	3	G
ONITELECOM	13 GHz (12.75 - 13.35 GHz) Rec. UIT-R 497-5	NO	3	G
	18 GHz (17.7 - 19.7 GHz) ERC/REC 12-03 Annex A	NO	6	G
	23 GHz (22-23.6 GHz) ERC/REC 13-02 Annex A	NO	7	G
	38 GHz (37 - 39.5 GHz) ERC/REC T/R 12-01	NO	17	G
NOVIS Telecom	13 GHz (12.75 - 13.35 GHz) Rec. UIT-R 497-5	NO	3	G
	18 GHz (17.7 - 19.7 GHz) ERC/REC 12-03 Annex A	NO	11	G
	38 GHz (37 - 39.5 GHz) ERC/REC T/R 12-01	NO	4	G
TVI	6 GHz (5925 - 6425 MHz) ERC/REC 14-01 A1	NO	1	g
	8 GHz (8200 - 8500 MHz) Rec. UIT-R 386-5	NO	3	g

**PUBLICLY AVAILABLE ELECTRONIC COMMUNICATIONS NETWORKS AND SERVICES**  
**- Uses -**

FIXED SERVICE - TRANSPORTABLE LINKS				
Entity	Frequency Bands	Required rights of use	No. of Shared Use channels	Scope of use
PT COMUNICAÇÕES	1.5 GHz (1429 - 1525 GHz) Rec. UIT-R 746-A1	NO	2	n
	15 GHz (14.5 - 15.35 GHz)	NO	4	n
	18 GHz (17.7 - 19.7 GHz) 10 MHz Plan.	NO	2	n
	18 GHz (17.7 - 19.7 GHz) Rec. UIT-R 595-4 27.5 MHz Plan.	NO	5	n
VODAFONE PORTUGAL	18 GHz (17.7 - 19.7 GHz) Rec. UIT-R 595-4 3.5 MHz Plan.	NO	1	n

FIXED SERVICE - MULTICHANNEL MULTIMPOINT DISTRIBUTION SYSTEM (MMDS)					
Entity	Frequency Band	Date of allocation revision	Required rights of use	No. of Shared Use channels	Scope of use
CABO TV MADEIRENSE	2500 - 2690 MHz	19-05-2009	NO	(1)	g

FIXED SERVICE - POINT-to-POINT LINKS				
Entity	Frequency Bands	Required rights of use	No. of Shared Use channels	Scope of use
PT COMUNICAÇÕES	450/470 MHz <sup>(2)</sup>	NO	57	g
	1356.5-1374.5 MHz 1498.5-1516.5 MHz	NO	9	g

<sup>(1)</sup> Band shared with other users.

<sup>(2)</sup> Radio licence in force until 31 December 2006.

**PUBLICLY AVAILABLE ELECTRONIC COMMUNICATIONS NETWORKS AND SERVICES**  
**- Uses -**

<b>FIXED SERVICE - POINT-to-POINT LINKS</b> <b>Fixed Wireless Access (FWA) <sup>(1)</sup></b>					
<b>Entity</b>	<b>Frequency Bands</b>	<b>Date of allocation revision</b>	<b>Required rights of use</b>	<b>No. of Shared Use channels</b>	<b>Scope of use</b>
PT COMUNICAÇÕES	3410-3438 MHz 3510-3538 MHz CEPT/ERC/REC 14-03	(2)	YES	2x28 MHz	g
ONITELECOM <sup>(3)</sup>	3600-3800 MHz CEPT ERC/REC 12-08 Annex B	(2)	YES	2x 28 MHz <sup>(4)</sup>	g
NOVIS	3600-3800 MHz CEPT ERC/REC 12-08 Annex B	(2)	YES	2x 28 MHz <sup>(4)</sup>	g
NOVIS	24.5-26.5 GHz CEPT ERC/REC 13-02 Annex B	(2)	YES	2x 56 MHz	g
ONITELECOM	24.5-26.5 GHz CEPT ERC/REC 13-02 Annex B	(2)	YES	2x 56 MHz	g
AR TELECOM	24.5-26.5 GHz CEPT ERC/REC 13-02 Annex B	(2)	YES	2x 56 MHz	g
BROADNET PORTUGAL, S.A.	24.5-26.5 GHz CEPT ERC/REC 13-02 Annex B	(2)	YES	2x 56 MHz	g
VODAFONE PORTUGAL	24.5-26.5 GHz CEPT ERC/REC 13-02 Annex B	(2)	YES	2x 56 MHz	g
WTS	27.5-29.5 GHz CEPT ERC/REC 13-02 Annex C	(2)	YES	2x 175 MHz	g
BRAGATEL <sup>(5)</sup>	27.5-29.5 GHz CEPT ERC/REC 13-02 Annex C	(2)	YES	2x 175 MHz	g

<sup>(1)</sup> Undergoing process of resizing of the rights of use of FWA frequencies, further to which the current table will be updated.

<sup>(2)</sup> Under revision due to the decisions of Administrative Rule no. 1062/2004 of 25 August.

<sup>(3)</sup> In 21.11.2003 the cancellation of licence ICP-01/99-FWA was requested.

<sup>(4)</sup> Band shared with other users.

<sup>(5)</sup> Requested retroactive cancellation of licence ICP-11/99-FWA.

**PUBLICLY AVAILABLE ELECTRONIC COMMUNICATIONS NETWORKS AND SERVICES**

- Uses -

SOUND BROADCASTING SERVICE (RAD) MF (Hectometric Waves)					
Entity	Frequency Bands	Date of allocation revision	Required rights of use	No. of Shared Use channels	Scope of use
RDP - BROADCASTING PORTUGUESA , SA	526.5 - 1606.5 kHz	30-06-2014	YES	13	g
RÁDIO RENASCENÇA, LDA		01-06-2012	YES	7	g
RÁDIO COMERCIAL, SA		01-06-2012	YES	5	g
RADIALTITUDE - SOC.COMUNICAÇÃO, LDA		01-06-2009	YES	1	g
CLUBE ASAS DO ATLANTICO		01-06-2009	YES	1	g
RÁDIO CLUBE ANGRA		01-06-2009	YES	1	g
POSTO EMISSOR RÁDIOD..FUNCHAL, LDA		01-06-2009	YES	1	g

SOUND BROADCASTING SERVICE (RAD) HF (Decametric)					
Entity	Frequency Bands	Date of allocation revision	Required rights of use	No. of Shared Use channels	Scope of use
PROFUNK	5950 - 6200 kHz	11-07-2014	YES	(1)	(2)
	7100 - 7300 kHz				
	9500 - 9900 kHz				
	11650 - 12050 kHz				
	13600 - 13800 kHz				
	15100 - 15600 kHz				
	17550 - 17900 kHz				
	21450 - 21850 kHz				
25670 - 26100 kHz					
RDP-BROADCASTING PORTUGUESA, SA	5950 - 6200 kHz	30-06-2014	YES	(1)	(2)
	7100 - 7300 kHz				
	9500 - 9900 kHz				
	11650 - 12050 kHz				
	13600 - 13800 kHz				
	15100 - 15600 kHz				
	17550 - 17900 kHz				
	21450 - 21850 kHz				
25670 - 26100 kHz					
RÁDIO RENASCENÇA, LDA	5950 - 6200 kHz	01-06-2012	YES	(1)	(2)
	7100 - 7300 kHz				
	9500 - 9900 kHz				
	11650 - 12050 kHz				
	13600 - 13800 kHz				
	15100 - 15600 kHz				
	17550 - 17900 kHz				
	21450 - 21850 kHz				
25670 - 26100 kHz					

(1) The number of channels varies with seasonal timetable. Bands shared with users.

(2) Not applicable.

**ICP-ANACOM**

**Autoridade Nacional de Comunicações**

**National Frequency Allocation Plan  
Page 142**



**PUBLICLY AVAILABLE ELECTRONIC COMMUNICATIONS NETWORKS AND SERVICES**

**- Uses -**

SOUND BROADCASTING SERVICE (RAD)					
VHF (Metric waves)					
NATIONAL COVERAGE - Mainland Territory					
Entity	Frequency Bands	Date of allocation revision	Required rights of use	No. of Shared Use channels	Scope of use
RDP - RÁDIODIFUSAO PORTUGUESA,SA	87.5 - 108 MHz	30-06-2014	YES	84	g
RÁDIO RENASCENÇA, LDA		01-06-2012	YES	37	g
RÁDIO COMERCIAL,SA		01-06-2012	YES	17	g

SOUND BROADCASTING SERVICE (RAD)					
VHF (Metric waves)					
NATIONAL AND REGIONAL COVERAGE - Autonomous Region of Madeira					
Entity	Frequency Bands	Date of allocation revision	Required rights of use	No. of Shared Use channels	Scope of use
RDP - RÁDIODIFUSÃO PORTUGUESA, SA	87.5 - 108 MHz	30-06-2014	YES	27	g

SOUND BROADCASTING SERVICE (RAD)					
VHF (Metric waves)					
NATIONAL AND REGIONAL COVERAGE - Autonomous Region of the Azores					
Entity	Frequency Bands	Date of allocation revision	Required rights of use	No. of Shared Use channels	Scope of use
RDP - RÁDIODIFUSÃO PORTUGUESA SA	87.5 - 108 MHz	30-06-2014	YES	32	g

SOUND BROADCASTING SERVICE (RAD)					
VHF (Metric waves)					
COBERTURA REGIONAL <sup>(1)</sup>					
Entity	Frequency Bands	Date of allocation revision	Required rights of use	No. of Shared Use channels	Scope of use
RÁDIOPRESS-COM. E BROADCASTING, LDA	87.5 - 108 MHz	10-07-2014	YES	13	g
RÁDIO REGIONAL LISBOA, SA		10-07-2014	YES	7	g

(1) Entities with local and regional coverage sound broadcasting stations are authorized to operate under the terms of the licence (permit) granted by public tender.

**PUBLICLY AVAILABLE ELECTRONIC COMMUNICATIONS NETWORKS AND SERVICES**

**- Uses -**

SOUND BROADCASTING SERVICE (RAD)					
VHF (Metric waves)					
LOCAL COVERAGE <sup>(1)</sup> - Mainland Portugal					
Entity	Frequency Bands	Date of allocation revision	Required rights of use	No. of Shared Use channels	Scope of use
A FLOR DO ÉTER, BROADCASTING, LDA	87.5 - 108 Mhz	30-03-2009	YES	1	g
A FOLHA, CRL		09-05-2009 09-05-2009	YES	2	g
A VOZ DA PLANÍCIE CRL		22-05-2009	YES	1	g
A VOZ DO SORRAIA EMIS. REG. C CORUCHE		06-03-2009	YES	1	g
ÁGUIA AZUL, CRL		09-05-2009	YES	1	g
ALCOOJOR COOP JORNAL RÁDIOF. ALCOCHETE ,CRL		12-06-2009	YES	1	g
ALFÂNDEGA FM-SOC. COMUNICAÇÃO, LDA		01-10-2011	YES	1	g
ANTENA DEZ RÁDIO SANTO ANTONIO LDA		12-06-2009	YES	1	g
ANTENA LIVRE DE GOUVEIA		12-06-2009	YES	1	g
ANTENA MINHO EMISSORA REG BRAGA, LDA		09-05-2009	YES	1	g
ANTENA MIRÓBRIGA COOP SERVICOS, CRL		22-05-2009	YES	1	g
ANTENA VAREIRA, CRL		09-05-2009	YES	1	g
AO TOM DELA (RÁDIO) LDA		22-05-2009	YES	1	g
ASS ACADEMICA UNIVERSIDADE MINHO		09-05-2009	YES	1	g
ASS CULT DESPORT. RECREATIVA INÊS NEGRA		23-12-2009	YES	1	g
ASS CULT E RECREATIVA RÁDIO CONDESTÁVEL		22-05-2009	YES	2	g
ASS CULTURAL RECREATIVA DE CARIA		06-03-2009	YES	1	g
ASS CULTURAL REGIONAL ZÊZERE		12-06-2009	YES	1	g
ASS CULTURAL TORRE DE MONCORVO		30-03-2009	YES	1	g
ASS HUM BOMB VOL VIDIGUEIRA		23-12-2009	YES	1	g
ASS PROM SOC CULT DESP FORNOS ALGODRES		23-12-2009	YES	1	g
ASS RÁDIO UNIVERSITARIA DO ALGARVE		22-05-2013	YES	1	g
ASS RECREATIVA E CULTURAL DA LOUSÃ		12-06-2009	YES	1	g
AUDISINTRA, LDA		30-03-2009	YES	1	g
BAOBAD-COMUNICAÇÕES E PUBLICAÇÕES, SA		09-05-2009	YES	1	g
BASMINHO - PUBLICIDADE, LDA		06-03-2009	YES	1	g
BASTOMÉDIA-PRODUÇÕES DE RÁDIO E ESP., LDA		06-03-2009	YES	2	g
BENEDITA FM-PRODUÇÕES RADIOFÓNICAS,LDA		09-05-2009	YES	1	g
CASTELO DE LANHOSO 2-COM. SOCIAL, UN., LDA		22-05-2009	YES	1	g
CENTRO FORMACAO ASS DESENVOLVIMENTO		30-03-2009	YES	1	g
CINCIBERLANT		(2)	YES	1	g
CLUBE CULTURAL RÁDIO MARINHAIS		30-03-2009	YES	1	g
CÔCO-COMPANHIA DE COMUNICAÇÃO LDA	22-05-2009 06-03-2009 06-03-2009	YES	3	g	
COMISSAO MELHORAMENTOS DE ESMORIZ	09-05-2009	YES	1	g	
COOP CULTURAL PALA PINTA, CRL	23-12-2009	YES	1	g	
COOP INF E CULTURA PORTO DE MÓS	30-03-2009	YES	1	g	
COOP RÁDIO BANDARRA CRB, CRL	30-03-2009	YES	1	g	
COOP RÁDIO BOA NOVA, CRL	30-03-2009	YES	1	g	

<sup>(1)</sup> Entities with local and regional coverage sound broadcasting stations are authorized to operate under the terms of the licence (permit) granted by public tender.

<sup>(2)</sup> No licence (permit) granted. With Government authorization.

**PUBLICLY AVAILABLE ELECTRONIC COMMUNICATIONS NETWORKS AND SERVICES**

**- Uses -**

SOUND BROADCASTING SERVICE (RAD)					
VHF (Metric waves)					
LOCAL COVERAGE <sup>(1)</sup> - Mainland Portugal					
Entity	Frequency Bands	Date of allocation revision	Required rights of use	No. of Shared Use channels	Scope of use
COOP RÁDIO EMISSORA ST ANTONIO DE VAGOS	87.5 - 108 MHz	12-06-2009	YES	1	g
COOPERATIVA CULTURAL VOZ DO MARAO, CRL		09-05-2009	YES	1	g
COOP.. INFORM CULTURA RÁDIO VINHAIS		30-03-2009	YES	1	g
COOPERATIVA DE RÁDIO VOUZELA, CRL		30-03-2009	YES	1	g
COOPERATIVA DE SANTO ANDRÉ, CRL		12-06-2009	YES	1	g
COOPERATIVA RÁDIO VOZ DO NEIVA, CRL		09-05-2009	YES	1	g
COOPERATIVA RADIODIFUSAO BRIGANTIA, CRL		22-05-2009	YES	2	g
COOPERATIVA RADIODIF. DE MORTAGUA, CRL		(2)	YES	1	g
CORAL RÁDIO ALTO AVE		30-03-2009	YES	1	g
CR-COMUNICAÇÃO REGIONAL, LDA		23-12-2009	YES	1	g
CRISTINA MARIA SILVA REDE, UNIPessoal, LDA		22-05-2009	YES	1	g
DEFESA BEIRA SOCIEDADE NOTÍCIAS, LDA		30-03-2009	YES	1	g
DIANA FM-BROADCASTING, UN.,LDA		09-05-2009	YES	1	g
DIFUSÃO IDEIAS SOC RADIODIFUSAO, LDA		09-05-2009	YES	1	g
DRUMS - COMUNICAÇÕES SONORAS, SA		30-03-2009	YES	1	g
ECOS DA RAIA PUBLICIDADE E RÁDIO, LDA		30-03-2009	YES	1	g
EDICOES LINEAR, CRL		09-05-2009	YES	1	g
EDITAVE COMUNIC PUBLIC. PROMOÇÕES, LDA		09-05-2009	YES	2	g
EMISSORA REGIONAL DE AMARANTE		09-05-2009	YES	1	g
EMISSORA REGIONAL DE RESENDE		23-12-2009	YES	1	g
EMISSORA REGIONAL LEIRIA RÁDIO LIZ, CRL		09-05-2009	YES	1	g
EMISSORA REGIONAL RÁDIO BATALHA, CRL		06-03-2009	YES	1	g
EMITÂMEGA EMISS. RADIOFON. TÂMEGA, LDA		09-05-2009	YES	1	g
EMPRESA DE DIFUSÃO DE RÁDIO, SA		09-05-2009 01-03-2011	YES	2	g
EMPRESA EDITORA CIDADE DE TOMAR, LDA		09-05-2009 01-03-2011	YES	2	g
EMPRESA JORNAL O CORREIO DE FAFE, LDA		09-05-2009	YES	1	g
EMPRESA RÁDIO CÁVADO, LDA		09-05-2009	YES	1	g
ÉRACA-EMPRESA DE RADIOD ALTO CÁVADO, LDA		06-03-2009	YES	1	g
ÉRO- EMPRESA DE BROADCASTING DO OESTE, LDA		30-03-2009	YES	1	g
ESCOLA DE CONDUÇÃO CASTANHEIRENSE, LDA		01-03-2012	YES	1	g
EV B EMISSORA VOZ DA BAIRRADA, CRL	12-05-2009	YES	1	g	
FABRICA DA SÉ CATEDRAL DE FARO	22-05-2009	YES	1	g	
FERCORBER-MADEIRAS E MATERIAIS DE CONSTRUÇÃO, LDA	(3)	YES	1	g	
FERNANDO MOURA, UNIPessoal, LDA	11-02-2013	YES	1	g	
FONÓGRAFO PRODUÇÕES SOM IMAGEM, SA	22-05-2009	YES	4	g	

(1) Entities with local and regional coverage sound broadcasting stations are authorized to operate under the terms of the licence (permit) granted by public tender.

(2) Awaits decision on licence (permit) renewal.

(3) Awaits decision of the appeal presented before the court by the second place runner up in the public tender – the licence (permit) has yet to be issued by AACCS.

**PUBLICLY AVAILABLE ELECTRONIC COMMUNICATIONS NETWORKS AND SERVICES**

**- Uses -**

SOUND BROADCASTING SERVICE (RAD)					
VHF (Metric waves)					
LOCAL COVERAGE <sup>(1)</sup> - Mainland Portugal					
Entity	Frequency Bands	Date of allocation revision	Required rights of use	No. of Shared Use channels	Scope of use
FORUM BOTICAS ASS RECREATIVA CULTURAL	87.5 - 108 MHz	23-12-2009	YES	1	g
FOZ DO MONDEGO-MEIOS DE RADIOD., LDA		09-05-2009	YES	1	g
FUNDAÇÃO FREI PEDRO DA GUARDA		23-12-2009	YES	1	g
GUADISOM, LDA		12-06-2009	YES	1	g
GRANADA FM-RÁDIO E JORNALISMO, UN., LDA		30-03-2009	YES	1	g
GRUPO ESTUDOS INVEST CIENC EXPERIMENTAIS		09-05-2009	YES	1	g
HORA H-AGENCIA COMUNICAÇÃO GLOBAL, LDA		30-03-2009	YES	1	g
HORIZONTES PLANOS, INF. E COMUNICAÇÃO, LDA		01-03-2011	YES	2	g
INTERIOR NORTE RÁDIO, LDA		23-12-2009	YES	1	g
INFOR-BARROSO, INFORMAÇÃO, LDA		30-03-2009	YES	1	g
INFORÁDIO COMUNICAÇÃO SOCIAL, SA		12-06-2009	YES	1	g
INTERLOCAL-COMUNICAÇÃO, LDA		30-03-2009	YES	1	g
IRIS-SERVIÇO DE INF.RADIOF. INDEPEND, LDA		12-06-2009	YES	1	g
JANELA INDISCRETA SOC COMUNICAÇÃO, LDA		23-12-2009	YES	1	g
JORNAL DA TROFA, LDA		09-05-2009	YES	1	g
JORNAL ESPOSENDE SOC EDITORA, LDA		23-12-2009	YES	1	g
JOSE SOARES SILVA, LDA(R.REG SANJOANENSE)		19-02-2007	YES	1	g
LAGOANIMA-EMP. RADIOD. E COM. DE LAGOA, LDA		06-03-2009	YES	2	g
LAMEGRÁFICA-SOC. COMERC. E EDITORIAL, LDA		18-03-2013	YES	1	g
LEIRIMEDIA PRODUÇÕES E PUBLICIDADE, LDA		09-05-2009	YES	1	g
LEZÍRIA COMUNICACAO SOCIAL, SA		09-05-2009	YES	1	g
LUSOCANAL-SOC. BROADCASTING, LDA		30-03-2009	YES	1	g
MAFRA FM COOP RÁDIODIFUSÃO, CRL		06-03-2009	YES	1	g
MAIORCA FM-PROD. RADIOF.. SOC. UN, LDA		09-05-2009	YES	1	g
MARGINÁUDIO ACT RÁDIOFÓNICAS, SA		30-03-2009	YES	1	g
MEDIABORBA-SOC. DE COM. SOCIAL, LDA		06-03-2009	YES	1	g
MEDIA ON-COM. SOCIAL, LDA		09-05-2009	YES	1	g
MEIA MARATONA INTERNACIONAL NAZARE ACD		12-06-2009	YES	1	g
MIRANDUM FM-SOC. COMUNICAÇÃO, LDA		01-12-2011	YES	1	g
MG-RÁDIO E COM. SOCIAL, LDA		22-05-2009	YES	1	g
MONSANTORÁDIO-RÁDIO CLUBE DE MONSANTO, UNIPESSOAL, LDA		12-06-2009	YES	2	g
MOVIFACE-MEIOS PUBLICITÁRIOS, LDA		09-05-2009	YES	1	g
NORTE RÁDIO E TELEVISÃO, LDA		01-03-2011 21-08-2011	YES	2	g
NOTIMAIA PUBLIC E COM. SOCIAL, LDA		09-05-2009 30-03-2009	YES	2	g
NOVA RÁDIO-A VOZ DE STO.TIRSO, LDA		09-05-2009	YES	1	g
NOVOS MARES-BROADCASTING, LDA		06-03-2009	YES	1	g
NUCLEO AMADOR DE INVEST. DE AFIFE		09-05-2009	YES	1	g
OFICINA DE VIDEO, LDA		23-12-2009	YES	2	g
ORGANIZ. COOP INFORMATIVA MARCO, CRL		30-03-2009	YES	1	g

<sup>(1)</sup> Entities with local and regional coverage sound broadcasting stations are authorized to operate under the terms of the licence (permit) granted by public tender.

**PUBLICLY AVAILABLE ELECTRONIC COMMUNICATIONS NETWORKS AND SERVICES**

**- Uses -**

SOUND BROADCASTING SERVICE (RAD)					
VHF (Metric waves)					
LOCAL COVERAGE <sup>(1)</sup> - Mainland Portugal					
Entity	Frequency Bands	Date of allocation revision	Required rights of use	No. of Shared Use channels	Scope of use
PAJOVIR ESPECTAC. MARKETING PUBLICI., LDA	87.5 - 108 MHz	09-05-2009 30-03-2009	YES	3	g
PENALVA DE CASTELO FM-RADIOD. E PUBL., LDA		01-03-2011	YES	1	g
PENSE POSITIVO EDICAO DIST AUDIOVISUAIS, LDA		22-05-2009	YES	1	g
PFM-BROADCASTING, LDA		22-05-2009	YES	1	g
PIÇARRA E COMPANHIA, LDA		09-05-2009	YES	1	g
POLIMÉDIA, LDA		23-12-2009	YES	1	g
PRC PRODUCOES RADIOFÓNICAS COIMBRA, LDA		30-03-2009	YES	1	g
PRESÉPIO DE PORTUGAL-COM. SOCIAL, UN., LDA		06-03-2009	YES	2	g
PUBLIÁREA-PUBLIKAÇÕES E COMUNIC., LDA		06-03-2009	YES	1	g
PUBLICCELOS, LDA		09-05-2009	YES	1	g
PUBLIDIFUSÃO LDA ESTAÇÃO ORBITAL		30-03-2009	YES	1	g
PUBLITÁBUA SERV EMPRESAS, LDA		<sup>(2)</sup>	YES	1	g
R2000-COMUNICAÇÃO SOCIAL, LDA		09-05-2009	YES	2	g
R A PRODUCOES RADIOFÓNICAS, LDA		09-05-2009	YES	1	g
R O EDIÇÕES E PUBL, LDA		30-03-2009	YES	1	g
RADIALTITUDE-SOC. COMUN. LDA		22-05-2009	YES	1	g
RÁDIO 90 FM COIMBRA RADIODIFUSAO, LDA		30-03-2009	YES	1	g
RÁDIO 100-SOC. PRODUÇÕES AUDIOVISUAIS, LDA		23-12-2009	YES	1	g
RÁDIO BONFIM-PRODUÇÕES AUDIOVISUAIS, LDA		06-03-2009	YES	1	g
RÁDIO ALQUEVA, LDA		01-03-2011	YES	1	g
RÁDIO ALTO MINHO, LDA		09-05-2009	YES	2	g
RÁDIO ALVOR, CRL		22-05-2009	YES	1	g
RÁDIO AMADOR DE CANAS DE SENHORIM, CRL		30-03-2009	YES	1	g
RÁDIO ANSIÃES, CRL		23-12-2009	YES	1	g
RÁDIO ASSOC BOMB VOLUNTARIOS DE SINES		12-06-2009	YES	1	g
RÁDIO ATLANTICO SUL R P PUBLICIDADE, LDA		<sup>(2)</sup>	YES	1	g
RÁDIO BAÍA SOC RADIODIFUSAO, LDA		09-05-2009	YES	1	g
RÁDIO BARCA, CRL		30-03-2009	YES	1	g
RÁDIO BEIRA INTERIOR, CRL		09-05-2009	YES	1	g
RÁDIO BRAGANÇA RBA, CRL		22-05-2009	YES	2	g
RÁDIO CAMPANÁRIO VOZ DE VILA VIÇOSA, CRL		30-03-2009	YES	1	g
RÁDIO CARDAL, LDA		09-05-2009	YES	1	g
RÁDIO CARTAXO, CRL	06-03-2009	YES	1	g	
RÁDIO CASTRENSE-SOC. UNIPESSOAL, LDA	06-03-2009	YES	1	g	
RÁDIO CENTRAL DO VOUGA LDA	30-03-2009	YES	1	g	
RÁDIO CIDADE DE RIO MAIOR, LDA	12-06-2009	YES	1	g	
RÁDIO CIDADE HOJE CCF	09-05-2009	YES	1	g	
RÁDIO CIDADE PROD AUDIOVISUAIS, SA	30-03-2009	YES	1	g	

<sup>(1)</sup> Entities with local and regional coverage sound broadcasting stations are authorized to operate under the terms of the licence (permit) granted by public tender.

<sup>(2)</sup> Awaits decision regarding the licence (permit) renewal.

**PUBLICLY AVAILABLE ELECTRONIC COMMUNICATIONS NETWORKS AND SERVICES**

**- Uses -**

SOUND BROADCASTING SERVICE (RAD)					
VHF (Metric waves)					
LOCAL COVERAGE <sup>(1)</sup> - Mainland Portugal					
Entity	Frequency Bands	Date of allocation revision	Required rights of use	No. of Shared Use channels	Scope of use
RÁDIO CISTER, CRL	87.5 - 108 MHz	09-05-2009	YES	1	g
RÁDIO CLUBE AGUIARENSE		30-03-2009	YES	1	g
RÁDIO CLUBE ALVAIÁZERE, LDA		23-12-2009	YES	1	g
RÁDIO CLUBE DE ARGANIL, CRL		06-03-2009	YES	2	g
RÁDIO C. DE ARMAMAR, PROD.RADIOF, LDA		23-12-2009	YES	1	g
RÁDIO CLUBE DE ALCOUTIM, LDA		01-02-2012	YES	1	g
RÁDIO CLUBE DA COVILHÃ, CRL		06-03-2009	YES	2	g
RÁDIO CLUBE DA FEIRA, CRL		09-05-2009	YES	1	g
RÁDIO CLUBE DE GAIA SLRS, LDA		30-03-2009	YES	1	g
RÁDIO CLUBE DE GONDOMAR, LDA		09-05-2009	YES	1	g
RÁDIO CLUBE DE GRANDOLA, CRL		06-03-2009	YES	1	g
RÁDIO CLUBE DE LAFÕES, CRL		30-03-2009	YES	1	g
RÁDIO CLUBE DE LOULÉ, CRL		09-05-2009	YES	1	g
RÁDIO CLUBE DA LOURINHÃ, CRL		06-03-2009	YES	1	g
RÁDIO CLUBE DE OURÉM		30-03-2009	YES	1	g
RÁDIO CLUBE DA PAMPILHOSA CRL		12-06-2009	YES	1	g
RÁDIO CLUBE DE PENAFIEL, CRL		30-03-2009	YES	1	g
RÁDIO CLUBE DE REDONDO, CRL		30-03-2009	YES	1	g
RÁDIO CLUBE DE SINTRA TIPOG MEDINA, LDA		30-03-2009	YES	1	g
RÁDIO CLUBE DO SUL, CRL		09-05-2009	YES	1	g
RÁDIO CLUBE LAMEGO, LDA		22-05-2009	YES	2	g
RÁDIO CLUBE POMBAL, CRL		09-05-2009	YES	1	g
RÁDIO COMERCIAL DA LINHA, LDA		30-03-2009	YES	1	g
RÁDIO COMERCIAL DE ALMEIRIM, LDA		23-12-2009	YES	2	g
RÁDIO CONCELHO DE CANTANHEDE, LDA		06-03-2009	YES	1	g
RÁDIO CORVAL, CRL		01-03-2011	YES	1	g
RÁDIO DESPERTAR VOZ DE ESTREMOZ, CRL		06-03-2009	YES	1	g
RÁDIO DOURO NORTE BROADCASTING, LDA		(2)	YES	1	g
RÁDIO DO SEIXAL, LDA		09-05-2009	YES	1	g
RÁDIO DUEÇA, INFORMAÇÃO, LDA		30-03-2009	YES	1	g
RÁDIO ELMO, LDA		30-03-2009	YES	1	g
RÁDIO ESCOLA TRIÂNG. PROFISSIONAL, LDA		30-11-2011	YES	1	g
RÁDIO ESCURO, CRL		30-03-2009	YES	1	g
RÁDIO EUROPA, CRL		09-05-2009	YES	1	g
RÁDIO FELGUEIRAS, CRL		06-03-2009	YES	1	g
RÁDIO FESTIVAL DO NORTE, LDA		06-03-2009	YES	1	g
RÁDIO FÓIA, CRL		30-03-2009	YES	1	g
RÁDIO FOZ DO AVE, LDA		09-05-2009	YES	1	g
RÁDIO GILÃO COOP RADIODIFUSAO, CRL		22-05-2009	YES	2	g
RÁDIO GUADALUPE, CRL		(2)	YES	1	g
RÁDIO HERTZ ASSOCIACAO CULT E RECREATIVA	09-05-2009	YES	1	g	

(1) Entities with local and regional coverage sound broadcasting stations are authorized to operate under the terms of the licence (permit) granted by public tender.

(2) Awaits decision on licence (permit renewal).

RÁDIO HORIZONTE TEJO-RAD. COM E MEIOS, LDA	30-03-2009	YES	1	g
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**PUBLICLY AVAILABLE ELECTRONIC COMMUNICATIONS NETWORKS AND SERVICES**

**- Uses -**

SOUND BROADCASTING SERVICE (RAD)					
VHF (Metric waves)					
LOCAL COVERAGE <sup>(1)</sup> - Mainland Portugal					
Entity	Frequency Bands	Date of allocation revision	Required rights of use	No. of Shared Use channels	Scope of use
RÁDIO INDEPENDENTE AVEIRO, CRL	87.5 - 108 MHz	09-05-2009	YES	1	g
RÁDIO INDEPENDENTE PAIVENSE, CRL		06-03-2009	YES	1	g
RÁDIO JORNAL CAMINHENSE, LDA		12-06-2009	YES	1	g
RÁDIO JORNAL FUNDÃO, LDA		09-05-2009	YES	1	g
RÁDIO JORNAL SETÚBAL, LDA		09-05-2009	YES	1	g
RÁDIO JUVENTUDE, CRL		09-05-2009	YES	1	g
RÁDIO LAROUÇO, CRL		22-05-2009	YES	1	g
RÁDIO LIMITE DE CASTRO DAIRE, CRL		06-03-2009	YES	3	g
RÁDIO LITORAL CENTRO EMP RAD, LDA		23-12-2009	YES	1	g
RÁDIO LIVRE MACEDENSE, CRL		06-03-2009	YES	1	g
RÁDIO MAIOR, PUBLICIDADE E COM. LDA		12-06-2009	YES	2	g
RÁDIO MAIS		30-03-2009	YES	1	g
RÁDIO MANTEIGAS-BROADCASTING E PUBL., LDA		22-08-2011	YES	1	g
RÁDIO MÉRTOLA, LDA		22-06-2011	YES	1	g
RÁDIO METROPOLITANA, COMUN. SOCIAL, LDA		09-05-2009	YES	1	g
RÁDIO MIRASADO COOP CULT ANIM RÁDIOF CRL		06-03-2009	YES	1	g
RÁDIO MOLICEIRO COM SOCIAL, LDA		09-05-2009	YES	1	g
RÁDIO NACIONAL-EMISSIONES RADIOFÓNICAS, LDA		09-05-2009	YES	1	g
RÁDIO NOVA CONTRASTA, LDA		12-06-2009	YES	1	g
RÁDIO NOVA ERA SOC DE COMUNICAÇÕES LDA		30-03-2009 09-05-2009	YES	2	g
RÁDIO NOVA LOURES		30-03-2009	YES	1	g
RÁDIO NOVA SIRS SOC IND RADIODIFUSAO, LDA		06-03-2009	YES	1	g
RÁDIO OBJECTIVA, LDA		09-05-2009	YES	1	g
RÁDIO ONDA VIVA, SA		09-05-2009	YES	1	g
RÁDIO OURIQUE, LDA		01-03-2011	YES	1	g
RÁDIO PAÇOS-COMUNICAÇÃO REGIONAL, LDA		30-03-2009	YES	1	g
RÁDIO PAL-SOC. UN, LDA		22-05-2009	YES	1	g
RÁDIO PAX		22-05-2009	YES	1	g
RÁDIO PERNES, LDA		09-05-2009	YES	2	g
RÁDIO PLANALTO, CRL		30-03-2009	YES	1	g
RÁDIO PORTALEGRE, CRL		22-05-2009	YES	2	g
RÁDIO PRAIA, CRL		(2)	YES	1	g
RÁDIO PROVINCIA, LDA		06-03-2009	YES	1	g
RÁDIO RACAL EMP RÁDIOFIF INFORMACAO, LDA		30-03-2009	YES	3	g
RÁDIO REGIONAL AVEIRO	09-05-2009	YES	1	g	
RÁDIO REGIONAL CENTRO, LDA	23-12-2009	YES	1	g	
RÁDIO REGIONAL DE AROUCA	23-12-2009	YES	1	g	
RÁDIO RENASCENÇA, LDA	06-03-2009	YES	1	g	
RÁDIO RIBA TAVORA, CRL	30-03-2009	YES	1	g	
RÁDIO SABUGAL-PUBLIC. E RADIODIF., LDA	21-08-2009	YES	1	g	

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<sup>(2)</sup> Awaits decision on licence (permit) renewal.



**PUBLICLY AVAILABLE ELECTRONIC COMMUNICATIONS NETWORKS AND SERVICES**

**- Uses -**

SOUND BROADCASTING SERVICE (RAD)					
VHF (Metric waves)					
LOCAL COVERAGE <sup>(1)</sup> - Mainland Portugal					
Entity	Frequency Bands	Date of allocation revision	Required rights of use	No. of Shared Use channels	Scope of use
RÁDIO SANTA MARIA, CRL	87.5 - 108 MHz	09-05-2009	YES	1	g
RÁDIO SANTA MARTA, LDA		30-03-2009	YES	1	g
RÁDIO SANTIAGO COOPERATIVA COM CULTURA		22-05-2009	YES	1	g
RÁDIO SANTIAGO EMP GRAF JOR COM GUIM, LDA		30-03-2009	YES	1	g
RÁDIO SEM FRONTEIRAS, SA		30-03-2009	YES	1	g
RÁDIO SINGA, CRL		06-03-2009	YES	1	g
RÁDIO SOBERANIA, EMPRESA DE RAD. LDA		22-05-2009	YES	1	g
RÁDIO TAGIDE, CRL		09-05-2009	YES	1	g
RÁDIO TEMPOS LIVRES, CRL		30-03-2009	YES	1	g
RÁDIOTORRES, LDA		30-03-2009	YES	1	g
RÁDIO UNIVERS. MARAO COOP RÁDIO CRL		09-05-2009	YES	1	g
RÁDIO URBANA, CRL		09-05-2009	YES	1	g
RÁDIO VALDEVEZ ASS CULT DE RADIODIFUSAO		22-05-2009	YES	2	g
RÁDIO VIDA NOVA, CRL		12-06-2009	YES	1	g
RÁDIO VIRIATO NODIGRAFICA, LDA		09-05-2009	YES	1	g
RÁDIO VIZELA COOP RADIODIFUSAO, CRL		23-12-2009	YES	1	g
RÁDIO VOZ DA RAIA-SOC. UN., LDA		30-03-2009	YES	1	g
RÁDIO VOZ DE ALCANENA		06-03-2009	YES	1	g
RÁDIO VOZ DE TABUAÇO, CRL		30-03-2009	YES	1	g
RÁDIO VOZ DO MINHO, LDA		(2)	YES	1	g
RÁDIO VOZ MANGUALDE		06-03-2009	YES	1	g
RÁDIO VOZ RIA EMISSORA C ESTARREJA, CRL		30-03-2009	YES	1	g
RÁDIO VOZ SETÚBAL, LDA		09-05-2009	YES	1	g
RÁDIO XXI, LDA		06-03-2009	YES	1	g
RÁDIODIFUSAO PUBLIC ESPECTACULOS, LDA		30-03-2009	YES	1	g
RÁDIOESTE COOP RÁDIODIFUSAO LOCAL, CRL		09-05-2009	YES	1	g
RAIMUNDO-COMUNICAÇÕES INDEPENDENTES, RÁDIO E JORNAIS, LDA		09-05-2009	YES	2	g
RAJ RÁDIO ANTENA JOVEM, CRL		(2)	YES	1	g
RADIBELI-PRODUÇÕES RÁDIOFÓNICAS, LDA		22-05-2009	YES	1	g
RC EMPRESA DE RADIODIFUSAO, SA		09-05-2009 30-03-2009	YES	2	g
RCB RÁDIO COVA DA BEIRA, CRL		09-05-2009	YES	2	g
RCC RÁDIO CULTURAL CERVEIRA		30-03-2009	YES	1	g
RCCI RÁDIO COM. CRIATIVIDADE IMAGEM, LDA	09-05-2009	YES	1	g	
RCM-RÁDIO CLUBE DE MEDA, LDA	01-03-2011	YES	1	g	
RDP - BROADCASTING PORTUGUESA, SA	(3)	YES	1	g	
REDE A EMISSORA REGIONAL DO SUL, LDA	30-03-2009	YES	1	g	
RGA RÁDIO GLOBO AZUL, LDA	06-03-2009	YES	1	g	

(1) Entities with local and regional coverage sound broadcasting stations are authorized to operate under the terms of the licence (permit) granted by public tender.

(2) Awaits decision on licence (permit) renewal.

(3) With Government authorization.

**PUBLICLY AVAILABLE ELECTRONIC COMMUNICATIONS NETWORKS AND SERVICES**

- Uses -

SOUND BROADCASTING SERVICE (RAD)					
VHF (Metric waves)					
LOCAL COVERAGE <sup>(1)</sup> - Mainland Portugal					
Entity	Frequency Bands	Date of allocation revision	Required rights of use	No. of Shared Use channels	Scope of use
RJTV-RÁDIO, JORNAIS E TELEVISÃO-MEIOS COM. AUDIV., UN., LDA	87.5 - 108 MHz	30-03-2009	YES	1	g
RPCS-SOURE FM-SOC. COM., UN., LDA		30-03-2009	YES	2	g
RR RÁDIO RESTAURACAO, CRL		<sup>(2)</sup>	YES	1	g
RSF, BROADCASTING, LDA		09-05-2009	YES	2	g
RTA SOC RÁDIODIF TELECOM ALBUFEIRA, LDA		12-06-2009	YES	1	g
RTM-RÁDIO E TELEVISÃO DO MINHO, LDA		09-05-2009	YES	1	g
RTVA RÁDIOTELEVISAO ATLANTICO, SA		22-05-2009	YES	1	g
RUC RÁDIO UNIVERSIDADE AAC		30-03-2009	YES	1	g
RVE-SOCIEDADE RADIOFÓNICA, LDA		12-06-2009	YES	1	g
SALDIDA FM RÁDIO INFORM. CULTURACRL		30-03-2009	YES	1	g
SANTA CASA MISERIC. DE CAMPO MAIOR		21-06-2011	YES	1	g
SER-SOC.ELVENSE BROADCASTING, LDA		01-03-2011	YES	2	g
SINTONIZENOS COMUNICACAO SOCIAL, LDA		09-05-2009	YES	1	g
SIRPA SOC IMPRENSA RÁDIO PARALELO, LDA		09-05-2009	YES	1	g
SIT-SOC. DE INFORM. DE TRÁS-OS-MONTES, LDA		23-12-2009	YES	2	g
SOBRAL FM-SOC. COM., UN., LDA		30-03-2009	YES	1	g
SOC FRANCO-PORTUGUESA COMUNIC. SA		06-03-2009	YES	1	g
SOCIEDADE EDITORIAL BÉTICA, LDA		30-03-3009	YES	1	g
SOCIROL SOC RÁDIODIFUSAO LIMIANA, LDA		22-05-2009	YES	1	g
SOC. PAIVIMO-EMPRED. IMOBILIARIOS, LDA		09-05-2009	YES	1	g
SOM DO PINHAL 2 MULTIMÉDIA, UN., LDA		22-05-2009	YES	1	g
SONCENTRO EMISSORA RÁDIO, LDA		23-12-2009	YES	1	g
SONS DE BOTÁREU-ACTIV. RÁDIO, UN., LDA		22-05-2009	YES	2	g
SRA-SOC. DE BROADCASTING DE ALBUFEIRA, LDA		12-06-2009	YES	1	g
SULEDITA, LDA		01-12-2011	YES	1	g
TAVIRÁDIO, CRL		22-05-2009	YES	2	g
TLA-TELEFONIA LOCAL DE ALJUSTREL, CRL		01-03-2011	YES	1	g
TSF RÁDIO JORNAL LISBOA, LDA		06-03-2009	YES	1	g
UNIRÁDIO, UCRL		30-03-2009	YES	1	g
VDRF-ELECTRÓNICA, ÁUDIO E EQUIP. TELEC., LDA		06-03-2009	YES	1	g

<sup>(1)</sup> Entities with local and regional coverage sound broadcasting stations are authorized to operate under the terms of the licence (permit) granted by public tender.

**PUBLICLY AVAILABLE ELECTRONIC COMMUNICATIONS NETWORKS AND SERVICES**  
**- Uses -**

SOUND BROADCASTING SERVICE (RAD)					
VHF (Metric waves)					
LOCAL COVERAGE <sup>(1)</sup> - Autonomous Region of the Azores					
Entity	Frequency Bands	Date of allocation revision	Required rights of use	No. of Shared Use channels	Scope of use
ANTENA NOVE, CRL	87.5 - 108 MHz	06-03-2009	YES	4	g
ATLANTIRÁDIO-SOC. DE BROADCASTING, LDA		06-03-2009	YES	3	g
BRUN PACHECO E FILHOS, LDA		22-06-2011	YES	1	g
CICLONE PUBLICAÇÕES E DIFUSÕES, LDA		06-03-2009	YES	1	g
CLUBE ASAS ATLÂNTICO		<sup>(2)</sup>	YES	1	g
COOPERATIVA ECOS DO NORTE, CRL		25-03-2009	YES	1	g
COOPERATIVA RADIODIFUSAO DO PICO, CRL		06-03-2009	YES	3	g
COOPERATIVA RADIODIFUSAO RÁDIO CAIS, CRL		01-03-2011	YES	1	g
COSTA E OSÓRIO, LDA		22-06-2011	YES	1	g
ECOS DAS FLORES-ACTIV. RÁDIODIF., LDA		01-02-2011	YES	1	g
ESTADO MAIOR FORÇA AÉREA		<sup>(2)</sup>	YES	1	g
PACHECO E FREITAS, LDA		22-09-2011	YES	1	g
RÁDIO CANAL ABERTO, LDA			YES	1	g
RÁDIO CLUBE LAJES PICO-A VOZ DA MONTANHA, LDA		01-03-2011	YES	4	g
RÁDIO CLUBE ANGRA		06-03-2009	YES	1	g
RÁDIO ILHA, LDA		06-03-2009	YES	2	g
RÁDIO INSULAR, LDA		06-03-2009	YES	1	g
RÁDIO LUMENA VOZ DE S JORGE		06-03-2009	YES	2	g
RCA RÁDIO COMERCIAL DOS AÇORES, LDA		06-03-2009	YES	1	g
SOC. BROADCASTING GRACIOSENSE, LDA		06-03-2009	YES	1	g
TOP RÁDIO, LDA	06-03-2009	YES	2	g	
UNITED STATES AIR FORCE	<sup>(2)</sup>	YES	1	g	

<sup>(1)</sup> Entities with local and regional coverage sound broadcasting stations are authorized to operate under the terms of the licence (permit) granted by public tender.

<sup>(2)</sup> With Government authorization.

**PUBLICLY AVAILABLE ELECTRONIC COMMUNICATIONS NETWORKS AND SERVICES**  
**- Uses -**

SOUND BROADCASTING SERVICE (RAD)					
VHF (Metric waves)					
LOCAL COVERAGE <sup>(1)</sup> - Autonomous Regions of Madeira					
Entity	Frequency Bands	Date of allocation revision	Required rights of use	No. of Shared Use channels	Scope of use
ADENORMA-ASSOC. DESENVOLVIMENTO COSTA NORTE DA MADEIRA - IPSS	87.5 - 108 MHz	01-03-2011	YES	1	g
ASSOC. BOMBEIROS VOLUNT. DE SÃO VICENTE E PORTO MONIZ		01-03-2011	YES	2	g
BETAMAR, LDA		22-06-2009	YES	1	g
EMPRESA JORNAL DA MADEIRA, LDA		06-03-2009	YES	1	g
NOTÍCIAS 2000-ACT. RADIOD. SONORA, LDA		06-03-2009	YES	1	g
POSTO EMISSOR DE RADIOD. DO FUNCHAL		<sup>(2)</sup>	YES	1	g
RÁDIO CLUBE MADEIRA LDA		06-03-2009	YES	1	g
RADIURBE-PRODUÇÃO E COMÉRCIO DE PUBLICIDADE RÁDIO, LDA		21-08-2011	YES	4	g
RÁDIO GIRÃO-EMPRESA DE BROADCASTING E PUBLICIDADE, LDA		01-09-2011	YES	2	g
RAMOS, MARQUES E VASCONCELOS, LDA		06-03-2009 06-03-2009 06-03-2009 06-03-2009	YES	4	g
SPN - SOC. PRODUTORA DE NOTÍCIAS, LDA		06-03-2009	YES	1	g

TERRESTRIAL DIGITAL AUDIO BROADCASTING SERVICE					
Terrestrial Digital Audio Broadcasting (T-DAB)					
Entity	Frequency Bands	Date of allocation revision	Required rights of use	No. of Shared Use channels	Scope of use
RDP - BROADCASTING PORTUGUESA, SA	224.880 - 226.16 MHz	08-06-2014	YES	1 <sup>(3)</sup>	n

<sup>(1)</sup> Entities with local and regional coverage sound broadcasting stations are authorized to operate under the terms of the licence (permit) granted by public tender.

<sup>(2)</sup> With Government authorization.

<sup>(3)</sup> A T-DAB channel allows six simultaneous audio broadcasts.

**PUBLICLY AVAILABLE ELECTRONIC COMMUNICATIONS NETWORKS AND SERVICES**  
- Uses -

TELEVISION BROADCASTING SERVICE - ANALOGUE (RDTV)						
Entity	Frequency Bands	Date of allocation revision	Required rights of use	No. of Shared Use channels	Scope of use	
RÁDIO E TELEVISÃO DE PORTUGAL, SGPS SA  Public television service's general concession contract of 22/09/2003	RTP1	27-08-2019	YES	3	g	
				6	g	
				14	g	
				27	g	
	RTP AÇORES	27-08-2019	YES	6	g	
				4	g	
				7	g	
	RTP MADEIRA	27-08-2019	YES	6	g	
				2	g	
5				g		
RÁDIO E TELEVISÃO DE PORTUGAL, SGPS SA  Public television service's special concession contract 17/11/2003	A:2	27-08-2011	YES	1	g	
				1	g	
				14	g	
				28	g	
SIC - SOCIEDADE INDEPENDENTE DE COMUNICAÇÃO, SA  Resolution 6/92 (2nd Series) of the Council of Ministers of 22.02.1992	174 - 216 MHz 470 - 582 MHz 582 - 822 MHz	22-02-2007	YES	1	g	
				12	g	
				26	g	
TVI TELEVISÃO INDEPENDENTE, SA  Resolution 6/92 (2nd Series) of the Council of Ministers of 22.02.1992	470 - 582 MHz 582 - 822 MHz	22-02-2007	YES	12	g	
				24	g	

BROADCASTING SERVICE - SAP/SAB video links						
Entity	Frequency Bands	Date of allocation revision	Required rights of use	No. of Shared Use channels	Scope of use	Entity
RÁDIO E TELEVISÃO DE PORTUGAL, SGPS SA	2260-2230 MHz	07-06-2009	NO	7 <sup>(1)</sup>	-	n
	2500-2690 MHz	31-12-2006	NO	-	4 <sup>(2)</sup>	n
	10.5-10.68 GHz	07-06-2009	NO	2 <sup>(3)</sup>	-	n
SIC-SOCIEDADE INDEPENDENTE DE COMUNICAÇÃO, SA	2360-2390 MHz	07-06-2009	NO	3 <sup>(1)</sup>	-	n
	10.5-10.68 GHz	07-06-2009	NO	2 <sup>(3)</sup>	-	n
TVI-TELEVISÃO INDEPENDENTE, SA	2330-2360 MHz	07-06-2009	NO	3 <sup>(1)</sup>	-	n
	10.5-10.68 GHz	07-06-2009	NO	2 <sup>(3)</sup>	-	n

<sup>(1)</sup> 10 MHz channels.

<sup>(2)</sup> 14 MHz channels.

<sup>(3)</sup> 28 MHz channels.

**PUBLICLY AVAILABLE ELECTRONIC COMMUNICATIONS NETWORKS AND SERVICES**  
**- Uses -**

MOBILE TRUNKING SERVICE (analogue systems)					
Entity	Frequency Bands	Date of allocation revision	Required rights of use	No. of Shared Use channels	Scope of use
RADIOMOBILE	450/470 MHz <sup>(1)</sup>	-	(2)	54 <sup>(3)(4)</sup>	n
REPART	450/470 MHz <sup>(1)</sup>	21-3-2009	YES	32 <sup>(3)</sup>	n

MOBILE TRUNKING SERVICE (CDMA)					
Entity	Frequency Bands	Date of allocation revision	Required rights of use	No. of Shared Use channels	Scope of use
RADIOMOBILE	453-457.45 MHz	(5)	(2)	1 <sup>(6)</sup>	N
	463-467.45 MHz			1 <sup>(7)</sup>	g

Terrestrial Trunked Radio (TETRA)						
Entity	Frequency Bands	Date of allocation revision	Required rights of use	No. of Shared Use channels		Scope of use
				Shares	Exclusive	
RADIOMOBILE	410/430 MHz	-	(2)	4 <sup>(4) (8)</sup>	13 <sup>(4)</sup>	g
REPART	410/430 MHz	21-03-2009	YES	29 <sup>(8)</sup>	-	g

<sup>(1)</sup> Planning using a 12.5 kHz channel spacing.

<sup>(2)</sup> Radiomóvel maintains the right of frequency use for the provision of mobile trunking service, with analogue, TETRA and CDMA technologies. ICP-ANACOM is currently evaluating the use of the assigned frequencies.

<sup>(3)</sup> The stated number of channels is subject to variation depending on each operator's number of terminals.

<sup>(4)</sup> The number of channels is still subject to revision depending on the revision of the licence terms.

<sup>(5)</sup> The licence is valid until 14-10-2008, and ICP-ANACOM is reevaluating the use of the SMRP-CDMA system by Radiomóvel, in the scope of its licence.

<sup>(6)</sup> 1.25 MHz carrier.

<sup>(7)</sup> 1.25 MHz carrier which use in the South of the country (Alentejo e Algarve) can only take place after 2006.

<sup>(8)</sup> Channels subject to restrictions in certain regions of the country.

**PUBLICLY AVAILABLE ELECTRONIC COMMUNICATIONS NETWORKS AND SERVICES**  
**- Uses -**

LAND MOBILE SERVICE - GSM (SMTP)					
Entity	Frequency Bands	Date of allocation revision	Required rights of use	No. of Shared Use channels	Scope of use
OPTIMUS	GSM 900 890 - 914 MHz 935 - 959 MHz	20-11-2012	YES	39	n
	DCS 1800 1710 - 1785 MHz 1805 - 1880 MHz	20-11-2012	YES	30	n
VODAFONE PORTUGAL <sup>(1)</sup>	GSM 900 890 - 914 MHz 935 - 959 MHz	18-10-2006	YES	40	n
	DCS 1800 1710 - 1785 MHz 1805 - 1880 MHz	18-10-2006	YES	30	n
TMN	GSM 900 890 - 914 MHz 935 - 959 MHz	16-03-2007	YES	40	n
	DCS 1800 1710 - 1785 MHz 1805 - 1880 MHz	16-03-2007	YES	30	n

LAND MOBILE SERVICE Universal Mobile Telecommunications System (UMTS)					
Entity	Frequency Bands	Date of allocation revision	Required rights of use	No. of Shared Use channels	Scope of use
VODAFONE PORTUGAL	1920-1980 MHz 2110-2170 MHz	11-01-2016	YES	2x 20 MHz	n
	1900-1920 MHz	11-01-2016	YES	1x 5 MHz	n
TMN	1920-1980 MHz 2110-2170 MHz	11-01-2016	YES	2x 20 MHz	n
	1900-1920 MHz	11-01-2016	YES	1x 5 MHz	n
OPTIMUS	1920-1980 MHz 2110-2170 MHz	11-01-2016	YES	2x 20 MHz	n
	1900-1920 MHz	11-01-2016	YES	1x 5 MHz	n

<sup>(1)</sup> Request sent to ICP-ANACOM for the renewal of the rights of use. A public consultation was launched and ended on 15 de September 2005. Awaits final decision.

**PUBLICLY AVAILABLE ELECTRONIC COMMUNICATIONS NETWORKS AND SERVICES**  
**- Uses -**

SERVIÇO MARÍTIMO MÓVEL (SMM)						
Entity	Frequency Bands	Date of allocation revision	Required rights of use	No. of Shared Use channels		Scope of use
				Shared	Exclusive	
PT COMUNICAÇÕES	2173.5 - 2190.5 kHz (Rescue and call)	20-03-2025 <sup>(1)</sup>	NO	1		(2)
	2190.5 - 2194 kHz				1	(2)
	2501 - 2850 kHz (Appendix 3 to Res. 704 of the RR)				7	(2)
	3500 - 3800 kHz (Appendix 3 to Res. 704 of the RR)				1	(2)
	4 MHz (Appendix S17 of the RR, part B, section I)				3	(2)
	4 MHz (Appendix S17 of the RR, part B, section II)				3	(2)
	6 MHz (Appendix S17 of the RR, part B, section I)				1	(2)
	6 MHz (Appendix S17 of the RR, part B, section II)				3	(2)
	8 MHz (Appendix S17 of the RR, part B, section I)				3	(2)
	8 MHz (Appendix S17 of the RR, part B, section II)				3	(2)
	12 MHz (Appendix S17 of the RR, part B, section I)				5	(2)
	12 MHz (Appendix S17 of the RR, part B, section II)				3	(2)
	16 MHz (Appendix S17 of the RR, part B, section I)				4	(2)
	16 MHz (Appendix S17 of the RR, part B, section II)				3	(2)
	18/19 MHz (Appendix S17 of the RR, part B, section I)				1	(2)
	18/19 MHz (Appendix S17 of the RR, part B, section II)				3	(2)

<sup>(1)</sup> The provision of the Maritime Mobile Service shall be ensured by the concessionaire on a transitional basis, up to its transfer to another entity, according to article 3 of Decree-Law no. 31/2003 of 17 February.

<sup>(2)</sup> Not applicable.



22 MHz (Appendix S17 of the RR, part B, section I)		3	(2)
22 MHz (Appendix S17 of the RR, part B, section II)		3	(2)
25/26 MHz (Appendix S17 of the RR, part B, section II)		3	(2)
156/174 MHz (Appendix S18 of the RR)	2	6	(2)

**PUBLICLY AVAILABLE ELECTRONIC COMMUNICATIONS NETWORKS AND SERVICES**  
**- Uses -**

FIXED SATELLITE SERVICE (SFS)				
Entity	Frequency Bands Type of Link	Required rights of use	No. of Shared Use channels	Scope of use
PT COMUNICAÇÕES	5925 - 6475 MHz Uplink	NO	(1) (2)	g
	14 - 14.5 GHz Uplink		(1) (2)	g
	17.3 - 17.7 GHz Uplink		(3)	g
	3600 - 4200 MHz Downlink		(1) (2)	g
	10.95 - 11.2 GHz Downlink		(1) (2)	g
	11.45 - 11.7 GHz Downlink		(1) (2)	g
	12.5 - 12.75 GHz Downlink		(1) (2)	g
ONITELECOM	14 - 14.5 GHz Uplink	NO	(1) (2)	g
	3700 - 4200 MHz Downlink		(1) (2)	g
	10.95 - 11.2 GHz Downlink		(1) (2)	g
	11.45 - 11.7 GHz Downlink		(1) (2)	g
	12.5 - 12.75 GHz Downlink		(1) (2)	g

(1) Band shared with other users.

(2) Dynamic frequency management according to each application type.

(3) Exclusive for connection links of the broadcasting satellite service.

**PUBLICLY AVAILABLE ELECTRONIC COMMUNICATIONS NETWORKS AND SERVICES**  
**- Uses -**

FIXED SATELLITE SERVICE (SFS) - (cont.)				
Entity	Frequency Bands Type of Link	Date of allocation revision	Required rights of use	No. of Shared Use channels
PT PRIME - Soluções Empresariais de Telecomunicações e Sistemas, S.A	5925 - 6425 MHz Uplink	NO	(1) (2)	g
	14 - 14.5 GHz Uplink		(1) (2)	g
	3700 - 4200 MHz Downlink		(1) (2)	g
	10.95 - 11.2 GHz Downlink		(1) (2)	g
	11.45 - 11.7 GHz Downlink		(1) (2)	g
	12.5 - 12.75 GHz Downlink		(1) (2)	g
AT & T - Serviços de Telecomunicações, Sociedade Unipessoal, Lda.	5925 - 6425 MHz Uplink	NO	(1) (2)	g
	14 - 14.5 GHz Uplink		(1) (2)	g
	3700 - 4200 MHz Downlink		(1) (2)	g
	10.95 - 11.2 GHz Downlink		(1) (2)	g
	11.45 - 11.7 GHz Downlink		(1) (2)	g
	12.5 - 12.75 GHz Downlink		(1) (2)	g
KPNQWEST PORTUGAL- TELECOMUNICAÇÕES, LDA	14 - 14.5 GHz Uplink	NO	(1) (2)	g
	10.95 - 11.2 GHz Downlink		(1) (2)	g
	11.45 - 11.7 GHz Downlink		(1) (2)	g
	12.5 - 12.75 GHz Downlink		(1) (2)	g
TV CABO	12.75 - 13.25 GHz Uplink	NO	(1) (2)	g
	13.75 - 14 GHz Uplink		(1) (2)	
BROADNET PORTUGAL, S.A.	14 - 14.5 GHz Uplink	NO	(1) (2)	g
	10.95 - 11.2 GHz Downlink		(1) (2)	g
	11.45 - 11.7 GHz Downlink		(1) (2)	g
	12.5 - 12.75 GHz Downlink		(1) (2)	g

(1) Band shared with other users.

(2) Dynamic frequency management according to each application type.

**PUBLICLY AVAILABLE ELECTRONIC COMMUNICATIONS NETWORKS AND SERVICES**  
**- Uses -**

MOBILE-SATELLITE SERVICE (SMS)				
Entity	Frequency Band Type of Link	Required rights of use	Type of Shared Use	Scope of use
PT Comunicações	1626.5 - 1645.5 MHz Uplink	NO	(*)	n
	1530 - 1544 MHz Downlink		(*)	n
SPACECHECKER, N.V.	1626.5 - 1645.5 MHz Uplink	NO	(*)	n
	1646.5 - 1660.5 MHz Uplink		(*)	n
	1525 - 1544 MHz Downlink		(*)	n
	1545 - 1559 MHz Downlink		(*)	n

SPACE OPERATION SERVICE (OE)				
Entity	Frequency Band Type of Link	Required rights of use	Shared Use	Scope of use
PT Comunicações	2080-2095 MHz Uplink	NO	(*)	g
	2260-2275 MHz Downlink		(*)	g

<sup>(\*)</sup> According to the legislation currently in force, these bands may be used by other users on a sharing basis.