AMENDMENTS TO SERVICE PUBLICATIONS

Abbreviations used

ADD	Insert	**PAR**	paragraph
COL	Column	**REP**	replace
LIR	Read	**SUP**	Delete
P	page(s)		

List of International Monitoring Stations (List VIII) Edition of 2013

(Amendment No. 5)

PART I

STATIONS IN THE TERRESTRIAL RADIOCOMMUNICATION SERVICES

POR Portugal

P 313-318 **REP**

POR - Portugal			
Centralizing office	**Postal address**	**Telephone, Telefax, Electronic-mail**	**Remarks**
ICP - Autoridade Nacional de Comunicações (ICP-ANACOM)	Av. José Malhoa, 12 1099 - 017 Lisboa	TF : +351 21 7211000 FAX : +351 21 7211001	

Name of the station	**Postal address**	**Telephone, Telefax, Electronic-mail**
Açores (Ponta Delgada)	CMCE-A Rua dos Valados, 18 Relva 9500-652 Ponta Delgada Portugal	TF : +351 296 302040 FAX : +351 296 302041 EMAIL : Monitor.acores@anacom.pt

Geographical coordinates	**Types of measurements**	**Ranges of frequencies for each measurement**	**Hours of service**	**Remarks**
37°45'18''N 025°42'28''W	Frequency measurements	10 kHz - 1000 MHz	H24*	Possibility of reception of radio emissions from 10 kHz up to 6000 MHz. Measurements also carried out by mobile stations (10 kHz up to 3000 MHz). Automatic recording system, composed by a receiver, a computer and adequate software. Spectrum analyser (9 kHz up to 40 GHz). * Local and remotely with a local team on permanent prevention.

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POR Portugal *(cont.)*

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service	Remarks
37°45'18''N 025°42'28''W	Field strength or power flux-density measurements	10 kHz - 1000 MHz	H24*	* Local and remotely with a local team on permanent prevention.
37°45'18''N 025°42'28''W	Direction-finding measurements	20 MHz - 3000 MHz	H24*	Manually operated. Measurements also carried out by mobile station. * Local and remotely with a local team on permanent prevention.
37°45'18''N 025°42'28''W	Bandwidth measurements	10 kHz - 1000 MHz	H24*	* Local and remotely with a local team on permanent prevention.
37°45'18''N 025°42'28''W	Automatic spectrum occupancy surveys	10 kHz - 1000 MHz	H24*	* Local and remotely with a local team on permanent prevention.

Name of the station	Postal address	Telephone, Telefax, Electronic-mail
Barcarena (Lisboa) (IMS)	CMCE-S Alto do Paimão 2730-216 Barcarena Portugal	TF : +351 21 4348500 TF : +351 21 4348525 FAX : +351 21 4348590 EMAIL : Monitor.sul@anacom

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service	Remarks
38°43'45''N 009°15'47''W	Frequency measurements	10 kHz -3600 MHz	H24	Possibility of reception of radio emissions from 10 kHz up to 50 GHz. Possibility of reception, measurement and identification of telegraphic emissions, such as: Morse code; RTTY; ARQ, FEC, SSTV, POCSAG; Packetradio/SITOR/AMTOR; others. Measurements also carried out by mobile stations (10 kHz up to 3000 MHz). FFT Spectrum analyser (9 kHz up to 40 GHz). ../..

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POR Portugal *(cont.)*

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service	Remarks
38°43'45''N 009°15'47''W	Frequency measurements *(cont.)*	10 kHz -3600 MHz	H24	Remote network system. Ten stations, controlled by DSL lines. Five of them cover the Southern part of the country and the other five cover the Northern part. All these stations cover the frequency range from 10 kHz up to 3600 MHz. Four stations provided with direction-finding system (interferometry), two in the South (Lisbon) and two in the North (Porto), for the frequency range from 20 MHz up to 3000 MHz.
38°43'45''N 009°15'47''W	Field strength or power flux-density measurements	10 kHz - 30 MHz	H24	
38°43'45''N 009°15'47''W	Field strength or power flux-density measurements	20 MHz - 3600 MHz	H24	
38°43'45''N 009°15'47''W	Direction-finding measurements	300 kHz - 30 MHz	H24	Crossed loop antennas array. Correlative Interferometry direction finding.
38°43'45''N 009°15'47''W	Direction-finding measurements	20 MHz - 3000 MHz	H24	Measurements also carried out by mobile stations (20 kHz up to 3000 MHz). Correlative Interferometry direction finding. Remote network system. Four of ten stations provided with direction-finding system (interferometry), two in the South (Lisbon) and two in the North (Porto), for the frequency range from 20 MHz up to 3000 MHz. Portable correlative interferometer DF (20 MHz - 6 GHz).
38°43'45''N 009°15'47''W	Bandwidth measurements	10 kHz - 40 GHz	H24	
38°43'45''N 009°15'47''W	Automatic spectrum occupancy surveys	10 kHz - 3600 MHz	H24	

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POR Portugal *(cont.)*

Name of the station	Postal address	Telephone, Telefax, Electronic-mail
Madeira (Funchal)	CMCE–M Rua Vale das Neves, 19 9050-325 Funchal Portugal	TF : +351 291 790200 FAX : +351 291 790201 EMAIL : Monitor.madeira@anacom.pt

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service	Remarks
32°38'57''N 016°52'04''W	Frequency measurements	10 kHz - 3000 MHz	H24*	Possibility of reception of radio emissions from 10 kHz up to 6000 MHz. Measurements also carried out by mobile stations (10 kHz up to 3000 MHz). Spectrum analyser (9 kHz up to 40 GHz). Remote network system. Three stations, controlled by LTE data service. Two of them cover the Madeira Island and the other covers Porto Santo Island. All these stations cover the frequency range from 20 kHz up to 2700 MHz. * Local and remotely with a local team on permanent prevention.
32°38'57''N 016°52'04''W	Field strength or power flux-density measurements	10 kHz - 3000 MHz	H24*	* Local and remotely with a local team on permanent prevention.
32°38'57''N 016°52'04''W	Direction-finding measurements	20 MHz - 3000 MHz	H24*	Manually operated. Measurements also carried out by mobile station. * Local and remotely with a local team on permanent prevention.
32°38'57''N 016°52'04''W	Bandwidth measurements	10 kHz - 3000 MHz	H24*	* Local and remotely with a local team on permanent prevention.
32°38'57''N 016°52'04''W	Automatic spectrum occupancy surveys	10 kHz - 3000 MHz	H24*	* Local and remotely with a local team on permanent prevention.

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POR Portugal *(cont.)*

Name of the station	Postal address	Telephone, Telefax, Electronic-mail
Porto	CMCE-N Rua Direita do Viso, 59 4250-198 Porto Portugal	TF : +351 22 6198000 TF : +351 22 6198010 FAX : +351 22 6198002 EMAIL : Monitor.norte@anacom.pt

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service	Remarks
41°10'43''N 008°38'28''W	Frequency measurements	10 kHz - 3000 MHz	H24	Possibility of reception of radio emissions from 10 kHz up to 50 GHz. Possibility of reception, measurement and identification of telegraphic emissions, such as: Morse code; RTTY; ARQ, FEC, SSTV, POCSAG; Packetradio/SITOR/AMTOR; others. Measurements also carried out by mobile stations (20 kHz up to 3000 MHz). FFT Spectrum analyser (9 kHz up to 40 GHz). Remote network system. Ten stations, controlled by DSL lines. Five of them cover the Southern part of the country and the other five cover the Northern part. All these stations cover the frequency range from 10 kHz up to 3600 MHz. Four stations provided with direction-finding system (interferometry), two in the South (Lisbon) and two in the North (Porto), for the frequency range from 20 MHz up to 3000 MHz.
41°10'43''N 008°38'28''W	Field strength or power flux-density measurements	10 kHz - 3000 MHz	H24	

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POR Portugal *(cont.)*

Geographical coordinates	Types of measurements	Ranges of frequencies for each measurement	Hours of service	Remarks
41°10'43''N 008°38'28''W	Direction-finding measurements	20 MHz - 3000 MHz	H24	Measurements also carried out by mobile stations (20 kHz up to 3000 MHz). Correlative Interferometry direction finding. Remote network system. Four of ten stations provided with direction-finding system (interferometry), two in the South (Lisbon) and two in the North (Porto), for the frequency range from 20 MHz up to 3000 MHz. Portable correlative interferometer DF (20 MHz - 6 GHz).
41°10'43''N 008°38'28''W	Bandwidth measurements	10 kHz - 40 GHz	H24	
41°10'43''N 008°38'28''W	Automatic spectrum occupancy surveys	10 kHz - 3000 MHz	H24	