

**Identification of the points that define the area associated with each of the awards listed in Annex 1 to the decision on the development of the Digital Terrestrial Television (DTT) network**

ICP-ANACOM determination of 16 May 2013 on the development of the digital terrestrial television network establishes, in accordance with Annex 1 thereto, the awards/areas, in the form of graphical representation, as detailed on a map. This map indicates the radio channels to be used in each of the 12 geographic areas comprising the mainland territory, so that the DTT network develops according to the configuration (MFN or SFNs) specified in the determination. Concurrently, PT Comunicações, S.A. (PTC) has been allocated radio channels for the 3 awards shown on the map in Annex 2 to the same determination.

Meanwhile, the recent publication of Administrative Rule no. 296-A/2013 of 2 October has amended Administrative Rule no. 1473-B/2008 of 17 December, approving the fees due to ICP- ANACOM. In this context, in Annex IV thereto and with regard to fees due in respect of use of the spectrum, a change was introduced related to the digital television broadcasting service (section 1.3.6), incorporating a rule which stipulates that "*where the frequency is allocated in the national territory, the fee shall be proportional to the resident population corresponding to the geographic area for which the frequencies are allocated, calculated based on the information set out in the subsections of the census division of the 2011 BGRI - Base Geográfica de Referência da Informação (Geographic Base for Information Referencing) provided by Instituto Nacional de Estatística (Statistics Portugal) in the context of the 2011 Census*" (emphasis added).

Considering that the rule introduced as regards the calculation of the fee due in respect of the digital television broadcasting service is currently applicable to PTC<sup>1</sup>

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<sup>1</sup> Taking into consideration, as mentioned, that PTC has already been allocated radio channels for 3 awards (set out in annex 2 to the determination of 16 May 2013).

and in order to enable implementation, it is important to substantiate the awards set out in annex 1 of the determination of 16 May 2013, identifying, with rigor and precision, the geographic areas that are uniquely associated with each of the awards described therein.

In this context, ICP-ANACOM will identify and disseminate the sets of points whose geographic coordinates define each of the awards areas shown in the map in Annex 1, and consequently in Annex 2, to the determination of 16 May 2013, in accordance with the table in annex hereto.

In ICP-ANACOM's view, this identification does not constitute an amendment to the conditions set out in the determination of 16 May 2013, insofar as it is limited to substantiating the graphical information contained in said Annex 1, encompassing the awards made throughout the mainland territory.

## ANNEX

**Geographic coordinates (WGS84) of the points that define the area associated with each of the awards set out in Annex 1 of the Decision on the development of the Digital Terrestrial Television (DTT) network**

<b>MFN-NATIONAL COVERAGE OF THE DTT NETWORK</b>			
<b>Area</b>	<b>ID</b>	<b>LONGITUDE</b>	<b>LATITUDE</b>
<b>BORNES (Channel 46)</b>	1	006W58 45	41N58 35
	2	006W48 40	41N59 34
	3	006W35 17	41N58 08
	4	006W32 56	41N56 50
	5	006W30 51	41N52 19
	6	006W32 56	41N43 39
	7	006W29 44	41N39 38
	8	006W26 39	41N41 14
	9	006W21 13	41N40 41
	10	006W17 13	41N39 31
	11	006W11 49	41N35 34
	12	006W11 17	41N34 28
	13	006W15 33	41N29 11
	14	006W18 54	41N23 06
	15	006W28 40	41N16 16
	16	006W34 15	41N14 08
	17	006W38 47	41N14 08
	18	006W41 59	41N10 42
	19	006W48 09	41N01 53
	20	006W55 00	41N01 00
	21	007W08 00	41N08 00
	22	007W24 10	41N12 30
	23	007W40 00	41N09 00
	24	007W43 00	41N24 00
	25	007W36 00	41N50 07
	26	007W29 42	41N52 24
	27	007W21 50	41N51 20
	28	007W12 28	41N52 55
	29	007W11 09	41N58 48
	30	007W08 30	41N59 35

<b>MFN-NATIONAL COVERAGE OF THE DTT NETWORK</b>			
<b>Areas</b>	<b>ID</b>	<b>LONGITUDE</b>	<b>LATITUDE</b>
<b>MURO (Channel 33)</b>	1	008W12 00	42N09 35
	2	008W05 25	42N04 30
	3	008W04 33	42N01 21
	4	008W11 25	41N56 00
	5	008W08 30	41N48 55
	6	008W03 00	41N49 25
	7	007W54 26	41N55 48
	8	007W41 55	41N54 35
	9	007W34 47	41N52 58
	10	007W36 00	41N50 07
	11	007W43 00	41N24 00
	12	008W13 00	41N25 00
	13	008W48 41	41N36 40
	14	008W53 02	41N44 55
	15	008W52 38	41N49 47
	16	008W52 32	41N52 25
	17	008W44 46	41N58 11
	18	008W38 00	42N03 20
	19	008W32 27	42N03 41
	20	008W31 30	42N04 55
	21	008W21 50	42N05 40
<b>MONTE DA VIRGEM (Channel 42)</b>	1	008W13 00	41N25 00
	2	007W43 00	41N24 00
	3	007W40 00	41N09 00
	4	007W41 30	40N52 10
	5	007W43 00	40N33 00
	6	008W16 20	40N37 00
	7	008W47 03	40N31 10
	8	008W45 26	40N38 46
	9	008W38 57	41N00 31
	10	008W42 44	41N10 55
	11	008W47 21	41N24 58
	12	008W47 29	41N30 00
	13	008W48 41	41N36 40

<b>MFN-NATIONAL COVERAGE OF THE DTT NETWORK</b>			
<b>Areas</b>	<b>ID</b>	<b>LONGITUDE</b>	<b>LATITUDE</b>
<b>MAROFA (Channel 48)</b>	1	007W08 00	41N08 00
	2	006W55 00	41N01 00
	3	006W48 00	40N53 10
	4	006W47 30	40N39 39
	5	006W49 15	40N35 50
	6	006W47 48	40N32 53
	7	006W46 00	40N20 49
	8	006W51 08	40N16 00
	9	007W07 00	40N17 00
	10	007W18 00	40N16 00
	11	007W35 00	40N19 00
	12	007W36 00	40N25 00
	13	007W43 00	40N33 00
	14	007W41 30	40N52 10
	15	007W40 00	41N09 00
	16	007W24 10	41N12 30
<b>GARDUNHA (Channel 34)</b>	1	007W18 00	40N16 00
	2	007W07 00	40N17 00
	3	006W51 08	40N16 00
	4	007W00 00	40N12 35
	5	006W51 20	40N00 45
	6	006W54 00	39N52 10
	7	007W00 10	39N39 45
	8	007W19 50	39N38 00
	9	007W31 40	39N39 50
	10	007W45 40	39N44 00
	11	007W58 00	39N45 10
	12	007W48 00	40N02 40
	13	007W35 00	40N19 00
<b>LOUSÃ (Channel 46)</b>	1	008W16 20	40N37 00
	2	007W43 00	40N33 00
	3	007W36 00	40N25 00
	4	007W35 00	40N19 00
	5	007W48 00	40N02 40
	6	007W58 00	39N45 10
	7	008W03 00	39N36 50
	8	008W13 00	39N37 40
	9	008W38 00	39N40 00
	10	009W02 30	39N44 10
	11	009W01 55	39N45 50
	12	008W54 32	40N11 11
	13	008W47 03	40N31 10

<b>MFN-NATIONAL COVERAGE OF THE DTT NETWORK</b>			
<b>Areas</b>	<b>ID</b>	<b>LONGITUDE</b>	<b>LATITUDE</b>
<b>MONTEJUNTO (Channel 49)</b>	1	008W38 00	39N40 00
	2	008W13 00	39N37 40
	3	008W03 00	39N36 50
	4	008W11 00	39N13 00
	5	008W11 10	38N59 10
	6	008W42 00	38N50 00
	7	008W58 00	38N45 00
	8	009W02 00	38N43 00
	9	009W09 00	38N41 00
	10	009W15 30	38N39 40
	11	009W27 30	38N41 42
	12	009W28 40	38N42 08
	13	009W29 10	38N42 30
	14	009W30 00	38N46 50
	15	009W30 50	39N24 50
	16	009W02 30	39N44 10
<b>SÃO MAMEDE (Channel 47)</b>	1	007W45 40	39N44 00
	2	007W31 40	39N39 50
	3	007W29 20	39N36 00
	4	007W17 10	39N27 25
	5	007W18 20	39N22 00
	6	007W13 20	39N16 40
	7	007W10 30	39N11 30
	8	006W58 00	39N05 30
	9	006W56 50	39N01 00
	10	007W01 30	38N51 50
	11	007W11 00	38N45 00
	12	007W23 40	38N48 10
	13	007W54 50	38N54 10
	14	008W11 10	38N59 10
	15	008W11 00	39N13 00
	16	008W03 00	39N36 50
	17	007W58 00	39N45 10

<b>MFN-NATIONAL COVERAGE OF THE DTT NETWORK</b>			
<b>Areas</b>	<b>ID</b>	<b>LONGITUDE</b>	<b>LATITUDE</b>
<b>MENDRO (Channel 40)</b>	1	007W54 50	38N54 10
	2	007W23 40	38N48 10
	3	007W11 00	38N45 00
	4	007W14 20	38N37 30
	5	007W17 40	38N27 30
	6	007W08 30	38N16 10
	7	005W55 00	38N13 00
	8	007W00 00	38N01 20
	9	007W14 00	37N57 00
	10	007W17 30	37N50 30
	11	007W25 15	37N44 00
	12	007W51 10	37N42 00
	13	008W17 30	37N59 40
	14	008W24 40	38N04 00
	15	008W18 30	38N29 20
	16	008W11 10	38N59 10
<b>PALMELA (Channel 45)</b>	1	008W42 00	38N50 00
	2	008W11 10	38N59 10
	3	008W18 30	38N29 20
	4	008W24 40	38N04 00
	5	008W53 20	37N56 30
	6	008W53 17	37N57 27
	7	009W13 20	38N24 50
	8	009W15 30	38N39 40
	9	009W09 00	38N41 00
	10	009W02 00	38N43 00
	11	008W58 00	38N45 00
<b>FÓIA (Channel 43)</b>	1	008W24 40	38N04 00
	2	008W17 30	37N59 40
	3	007W51 10	37N42 00
	4	008W04 30	37N19 00
	5	008W09 30	37N05 00
	6	008W17 11	37N04 19
	7	008W40 07	37N04 45
	8	008W56 50	36N59 40
	9	008W59 50	37N01 20
	10	008W48 40	37N44 40
	11	008W47 50	37N51 07
	12	008W53 20	37N56 30

<b>MFN-NATIONAL COVERAGE OF THE DTT NETWORK</b>			
<b>Areas</b>	<b>ID</b>	<b>LONGITUDE</b>	<b>LATITUDE</b>
<b>SÃO MIGUEL (Channel 47)</b>	1	007W25 15	37N44 00
	2	007W29 00	37N32 20
	3	007W27 10	37N28 10
	4	007W26 00	37N23 10
	5	007W24 50	37N16 30
	6	007W24 00	37N09 50
	7	007W31 20	37N09 40
	8	007W39 00	37N05 30
	9	007W45 00	37N02 20
	10	007W53 10	36N57 30
	11	007W59 00	37N00 00
	12	008W09 30	37N05 00
	13	008W04 30	37N19 00
	14	007W51 10	37N42 00