

Our Ref: OPS118.71

27 March 2007

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Dear Madam / Sir

Maastricht Special Agreement 2002

With reference to Article 6 of the Maastricht Special Agreement, 2002, the Maltese administration would like to convert the following allotment into assignments.

T-DAB identifier	Allotment name	Frequency block
MLT30017	Malta	LP

The full technical characteristics of the assignments are being attached.

Your comments on our proposal would be highly appreciated.

Yours sincerely



Adrian Galea

Encl.

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Maastricht Special Agreement, 2002

- (1) Procedure: **ADD**
- (2) ITU code for administration: **MLT**
- (3) Identification code of the assignment: **MLT30017_S1**
- (4) Date of entry into operation: **15 April 2007**
- (5) Country in which the transmitter is situated: **MLT**
- (6) T-DAB identifier: **MLT30017**
- (7) Name of the allotment: **MALTA**
- (8) Name of the transmitter station: **GHARGHUR**
- (9) Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.): **014E2659 35N5459**
- (10) Altitude of site above mean sea level (m): **125**
- (11) Frequency block: **LP**
- (12) Nominal centre frequency (MHz): **1478.640**
- (13) Centre frequency offset (kHz): **0**
- (14) Maximum ERP – horizontally polarised
component (dBW): **0**
- (15) Maximum ERP – vertically polarised
component (dBW): **35**
- (16) Polarisation: **V**
- (17) Height of transmitting antenna above ground
level (m): **60**
- (18) Antenna attenuation (dB) for the horizontally polarised component referred to the maximum
value of ERP for each step of 10 degrees clockwise starting from the North:
- | | | | | | | | | | | | | | | | | | |
|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|
| 0: | 0 | 10: | 0 | 20: | 0 | 30: | 0 | 40: | 0 | 50: | 0 | 60: | 0 | 70: | 0 | 80: | 0 |
| 90: | 0 | 100: | 0 | 110: | 0 | 120: | 0 | 130: | 0 | 140: | 0 | 150: | 0 | 160: | 0 | 170: | 0 |
| 180: | 0 | 190: | 0 | 200: | 0 | 210: | 0 | 220: | 0 | 230: | 0 | 240: | 0 | 250: | 0 | 260: | 0 |
| 270: | 0 | 280: | 0 | 290: | 0 | 300: | 0 | 310: | 0 | 320: | 0 | 330: | 0 | 340: | 0 | 350: | 0 |
- (19) Antenna attenuation (dB) for the vertically polarised component referred to the maximum value
of ERP for each step of 10 degrees clockwise starting from the North:
- | | | | | | | | | | | | | | | | | | |
|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|
| 0: | 35 | 10: | 35 | 20: | 35 | 30: | 30 | 40: | 25 | 50: | 20 | 60: | 15 | 70: | 8 | 80: | 8 |
| 90: | 8 | 100: | 0 | 110: | 0 | 120: | 0 | 130: | 0 | 140: | 0 | 150: | 0 | 160: | 0 | 170: | 0 |
| 180: | 0 | 190: | 0 | 200: | 0 | 210: | 0 | 220: | 0 | 230: | 0 | 240: | 0 | 250: | 0 | 260: | 0 |
| 270: | 0 | 280: | 0 | 290: | 0 | 300: | 8 | 310: | 8 | 320: | 15 | 330: | 20 | 340: | 25 | 350: | 30 |
- (20) Effective antenna height (m) for each step of 10 degrees clockwise starting from the North:
- | | | | | | | | | | | | | | | | | | |
|------|------------|------|------------|------|------------|------|------------|------|------------|------|------------|------|------------|------|------------|------|------------|
| 0: | 184 | 10: | 185 | 20: | 185 | 30: | 184 | 40: | 184 | 50: | 184 | 60: | 183 | 70: | 183 | 80: | 183 |
| 90: | 180 | 100: | 179 | 110: | 163 | 120: | 156 | 130: | 148 | 140: | 149 | 150: | 135 | 160: | 125 | 170: | 123 |
| 180: | 126 | 190: | 120 | 200: | 116 | 210: | 97 | 220: | 86 | 230: | 72 | 240: | 77 | 250: | 68 | 260: | 55 |
| 270: | 118 | 280: | 121 | 290: | 124 | 300: | 111 | 310: | 153 | 320: | 169 | 330: | 176 | 340: | 179 | 350: | 183 |
- (21) Agreement numbers in the plan: **-**
- (22) Date of submission: **27 March 2007**
- (23) Remarks: **-**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Maastricht Special Agreement, 2002

- (1) Procedure: **ADD**
- (2) ITU code for administration: **MLT**
- (3) Identification code of the assignment: **MLT30017_S2**
- (4) Date of entry into operation: **15 April 2007**
- (5) Country in which the transmitter is situated: **MLT**
- (6) T-DAB identifier: **MLT30017**
- (7) Name of the allotment: **MALTA**
- (8) Name of the transmitter station: **PORTOMASO TOWER**
- (9) Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.): **014E2935 35N5521**
- (10) Altitude of site above mean sea level (m): **7**
- (11) Frequency block: **LP**
- (12) Nominal centre frequency (MHz): **1478.640**
- (13) Centre frequency offset (kHz): **0**
- (14) Maximum ERP – horizontally polarised
component (dBW): **0**
- (15) Maximum ERP – vertically polarised
component (dBW): **35**
- (16) Polarisation: **V**
- (17) Height of transmitting antenna above ground
level (m): **90**
- (18) Antenna attenuation (dB) for the horizontally polarised component referred to the maximum
value of ERP for each step of 10 degrees clockwise starting from the North:
- | | | | | | | | | | | | | | | | | | |
|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|
| 0: | 0 | 10: | 0 | 20: | 0 | 30: | 0 | 40: | 0 | 50: | 0 | 60: | 0 | 70: | 0 | 80: | 0 |
| 90: | 0 | 100: | 0 | 110: | 0 | 120: | 0 | 130: | 0 | 140: | 0 | 150: | 0 | 160: | 0 | 170: | 0 |
| 180: | 0 | 190: | 0 | 200: | 0 | 210: | 0 | 220: | 0 | 230: | 0 | 240: | 0 | 250: | 0 | 260: | 0 |
| 270: | 0 | 280: | 0 | 290: | 0 | 300: | 0 | 310: | 0 | 320: | 0 | 330: | 0 | 340: | 0 | 350: | 0 |
- (19) Antenna attenuation (dB) for the vertically polarised component referred to the maximum value
of ERP for each step of 10 degrees clockwise starting from the North:
- | | | | | | | | | | | | | | | | | | |
|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|
| 0: | 35 | 10: | 35 | 20: | 35 | 30: | 30 | 40: | 25 | 50: | 20 | 60: | 15 | 70: | 8 | 80: | 8 |
| 90: | 8 | 100: | 0 | 110: | 0 | 120: | 0 | 130: | 0 | 140: | 0 | 150: | 0 | 160: | 0 | 170: | 0 |
| 180: | 0 | 190: | 0 | 200: | 0 | 210: | 0 | 220: | 0 | 230: | 0 | 240: | 0 | 250: | 0 | 260: | 0 |
| 270: | 0 | 280: | 0 | 290: | 0 | 300: | 8 | 310: | 8 | 320: | 15 | 330: | 20 | 340: | 25 | 350: | 30 |
- (20) Effective antenna height (m) for each step of 10 degrees clockwise starting from the North:
- | | | | | | | | | | | | | | | | | | |
|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|------------|------|------------|------|------------|------|------------|
| 0: | 97 | 10: | 97 | 20: | 97 | 30: | 97 | 40: | 97 | 50: | 97 | 60: | 97 | 70: | 97 | 80: | 97 |
| 90: | 97 | 100: | 97 | 110: | 97 | 120: | 97 | 130: | 77 | 140: | 76 | 150: | 65 | 160: | 68 | 170: | 51 |
| 180: | 47 | 190: | 41 | 200: | 42 | 210: | 30 | 220: | 9 | 230: | -10 | 240: | -34 | 250: | -42 | 260: | -62 |
| 270: | -7 | 280: | 14 | 290: | 30 | 300: | 74 | 310: | 96 | 320: | 97 | 330: | 97 | 340: | 97 | 350: | 97 |
- (21) Agreement numbers in the plan: **-**
- (22) Date of submission: **27 March 2007**
- (23) Remarks: **-**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Maastricht Special Agreement, 2002

- (1) Procedure: **ADD**
- (2) ITU code for administration: **MLT**
- (3) Identification code of the assignment: **MLT30017_S3**
- (4) Date of entry into operation: **15 April 2007**
- (5) Country in which the transmitter is situated: **MLT**
- (6) T-DAB identifier: **MLT30017**
- (7) Name of the allotment: **MALTA**
- (8) Name of the transmitter station: **IKLIN TOWER**
- (9) Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.): **014E2736 35N5459**
- (10) Altitude of site above mean sea level (m): **114**
- (11) Frequency block: **LP**
- (12) Nominal centre frequency (MHz): **1478.640**
- (13) Centre frequency offset (kHz): **0**
- (14) Maximum ERP – horizontally polarised
component (dBW): **0**
- (15) Maximum ERP – vertically polarised
component (dBW): **35**
- (16) Polarisation: **V**
- (17) Height of transmitting antenna above ground
level (m): **85**
- (18) Antenna attenuation (dB) for the horizontally polarised component referred to the maximum
value of ERP for each step of 10 degrees clockwise starting from the North:
- | | | | | | | | | | | | | | | | | | |
|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|
| 0: | 0 | 10: | 0 | 20: | 0 | 30: | 0 | 40: | 0 | 50: | 0 | 60: | 0 | 70: | 0 | 80: | 0 |
| 90: | 0 | 100: | 0 | 110: | 0 | 120: | 0 | 130: | 0 | 140: | 0 | 150: | 0 | 160: | 0 | 170: | 0 |
| 180: | 0 | 190: | 0 | 200: | 0 | 210: | 0 | 220: | 0 | 230: | 0 | 240: | 0 | 250: | 0 | 260: | 0 |
| 270: | 0 | 280: | 0 | 290: | 0 | 300: | 0 | 310: | 0 | 320: | 0 | 330: | 0 | 340: | 0 | 350: | 0 |
- (19) Antenna attenuation (dB) for the vertically polarised component referred to the maximum value
of ERP for each step of 10 degrees clockwise starting from the North:
- | | | | | | | | | | | | | | | | | | |
|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|
| 0: | 35 | 10: | 35 | 20: | 35 | 30: | 30 | 40: | 25 | 50: | 20 | 60: | 15 | 70: | 8 | 80: | 8 |
| 90: | 8 | 100: | 0 | 110: | 0 | 120: | 0 | 130: | 0 | 140: | 0 | 150: | 0 | 160: | 0 | 170: | 0 |
| 180: | 0 | 190: | 0 | 200: | 0 | 210: | 0 | 220: | 0 | 230: | 0 | 240: | 0 | 250: | 0 | 260: | 0 |
| 270: | 0 | 280: | 0 | 290: | 0 | 300: | 8 | 310: | 8 | 320: | 15 | 330: | 20 | 340: | 25 | 350: | 30 |
- (20) Effective antenna height (m) for each step of 10 degrees clockwise starting from the North:
- | | | | | | | | | | | | | | | | | | |
|------|------------|------|------------|------|------------|------|------------|------|------------|------|------------|------|------------|------|------------|------|------------|
| 0: | 199 | 10: | 199 | 20: | 199 | 30: | 199 | 40: | 199 | 50: | 199 | 60: | 199 | 70: | 199 | 80: | 199 |
| 90: | 198 | 100: | 196 | 110: | 187 | 120: | 170 | 130: | 168 | 140: | 164 | 150: | 159 | 160: | 147 | 170: | 139 |
| 180: | 140 | 190: | 136 | 200: | 133 | 210: | 115 | 220: | 101 | 230: | 83 | 240: | 81 | 250: | 77 | 260: | 64 |
| 270: | 126 | 280: | 129 | 290: | 137 | 300: | 132 | 310: | 174 | 320: | 189 | 330: | 192 | 340: | 197 | 350: | 199 |
- (21) Agreement numbers in the plan: **-**
- (22) Date of submission: **27 March 2007**
- (23) Remarks: **-**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Maastricht Special Agreement, 2002

- (1) Procedure: **ADD**
- (2) ITU code for administration: **MLT**
- (3) Identification code of the assignment: **MLT30017_S4**
- (4) Date of entry into operation: **15 April 2007**
- (5) Country in which the transmitter is situated: **MLT**
- (6) T-DAB identifier: **MLT30017**
- (7) Name of the allotment: **MALTA**
- (8) Name of the transmitter station: **DWEJRA**
- (9) Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.): **014E2350 35N5441**
- (10) Altitude of site above mean sea level (m): **114**
- (11) Frequency block: **LP**
- (12) Nominal centre frequency (MHz): **1478.640**
- (13) Centre frequency offset (kHz): **0**
- (14) Maximum ERP – horizontally polarised
component (dBW): **0**
- (15) Maximum ERP – vertically polarised
component (dBW): **35**
- (16) Polarisation: **V**
- (17) Height of transmitting antenna above ground
level (m): **10**
- (18) Antenna attenuation (dB) for the horizontally polarised component referred to the maximum
value of ERP for each step of 10 degrees clockwise starting from the North:
- | | | | | | | | | | | | | | | | | | |
|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|
| 0: | 0 | 10: | 0 | 20: | 0 | 30: | 0 | 40: | 0 | 50: | 0 | 60: | 0 | 70: | 0 | 80: | 0 |
| 90: | 0 | 100: | 0 | 110: | 0 | 120: | 0 | 130: | 0 | 140: | 0 | 150: | 0 | 160: | 0 | 170: | 0 |
| 180: | 0 | 190: | 0 | 200: | 0 | 210: | 0 | 220: | 0 | 230: | 0 | 240: | 0 | 250: | 0 | 260: | 0 |
| 270: | 0 | 280: | 0 | 290: | 0 | 300: | 0 | 310: | 0 | 320: | 0 | 330: | 0 | 340: | 0 | 350: | 0 |
- (19) Antenna attenuation (dB) for the vertically polarised component referred to the maximum value
of ERP for each step of 10 degrees clockwise starting from the North:
- | | | | | | | | | | | | | | | | | | |
|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|
| 0: | 35 | 10: | 35 | 20: | 35 | 30: | 30 | 40: | 25 | 50: | 20 | 60: | 15 | 70: | 8 | 80: | 8 |
| 90: | 8 | 100: | 0 | 110: | 0 | 120: | 0 | 130: | 0 | 140: | 0 | 150: | 0 | 160: | 0 | 170: | 0 |
| 180: | 0 | 190: | 0 | 200: | 0 | 210: | 0 | 220: | 0 | 230: | 0 | 240: | 0 | 250: | 0 | 260: | 0 |
| 270: | 0 | 280: | 0 | 290: | 0 | 300: | 8 | 310: | 8 | 320: | 15 | 330: | 20 | 340: | 25 | 350: | 30 |
- (20) Effective antenna height (m) for each step of 10 degrees clockwise starting from the North:
- | | | | | | | | | | | | | | | | | | |
|------|------------|------|------------|------|------------|------|------------|------|------------|------|------------|------|------------|------|------------|------|------------|
| 0: | 116 | 10: | 119 | 20: | 122 | 30: | 122 | 40: | 117 | 50: | 116 | 60: | 118 | 70: | 94 | 80: | 83 |
| 90: | 79 | 100: | 93 | 110: | 82 | 120: | 73 | 130: | 52 | 140: | 37 | 150: | 44 | 160: | 48 | 170: | 39 |
| 180: | 44 | 190: | 54 | 200: | 66 | 210: | 79 | 220: | 87 | 230: | 77 | 240: | 75 | 250: | 80 | 260: | 96 |
| 270: | 110 | 280: | 114 | 290: | 109 | 300: | 103 | 310: | 107 | 320: | 91 | 330: | 97 | 340: | 104 | 350: | 111 |
- (21) Agreement numbers in the plan: **-**
- (22) Date of submission: **27 March 2007**
- (23) Remarks: **-**

**Basic characteristics of a T-DAB assignment to be communicated
for the conversion of a T-DAB allotment into one or more assignments**

in accordance with Article 6 of the Maastricht Special Agreement, 2002

- (1) Procedure: **ADD**
- (2) ITU code for administration: **MLT**
- (3) Identification code of the assignment: **MLT30017_S5**
- (4) Date of entry into operation: **15 April 2007**
- (5) Country in which the transmitter is situated: **MLT**
- (6) T-DAB identifier: **MLT30017**
- (7) Name of the allotment: **MALTA**
- (8) Name of the transmitter station: **ZEBBUG-GOZO**
- (9) Geographical co-ordinates of the transmitter
(longitude and latitude; in deg., min. and sec.): **014E1401 36N0410**
- (10) Altitude of site above mean sea level (m): **106**
- (11) Frequency block: **LP**
- (12) Nominal centre frequency (MHz): **1478.640**
- (13) Centre frequency offset (kHz): **0**
- (14) Maximum ERP – horizontally polarised
component (dBW): **0**
- (15) Maximum ERP – vertically polarised
component (dBW): **27**
- (16) Polarisation: **V**
- (17) Height of transmitting antenna above ground
level (m): **20**
- (18) Antenna attenuation (dB) for the horizontally polarised component referred to the maximum value
of ERP for each step of 10 degrees clockwise starting from the North:
- | | | | | | | | | | | | | | | | | | |
|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|------|----------|
| 0: | 0 | 10: | 0 | 20: | 0 | 30: | 0 | 40: | 0 | 50: | 0 | 60: | 0 | 70: | 0 | 80: | 0 |
| 90: | 0 | 100: | 0 | 110: | 0 | 120: | 0 | 130: | 0 | 140: | 0 | 150: | 0 | 160: | 0 | 170: | 0 |
| 180: | 0 | 190: | 0 | 200: | 0 | 210: | 0 | 220: | 0 | 230: | 0 | 240: | 0 | 250: | 0 | 260: | 0 |
| 270: | 0 | 280: | 0 | 290: | 0 | 300: | 0 | 310: | 0 | 320: | 0 | 330: | 0 | 340: | 0 | 350: | 0 |
- (19) Antenna attenuation (dB) for the vertically polarised component referred to the maximum value of
ERP for each step of 10 degrees clockwise starting from the North:
- | | | | | | | | | | | | | | | | | | |
|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-------------|------|-------------|------|-----------|------|-----------|
| 0: | 27 | 10: | 27 | 20: | 27 | 30: | 22 | 40: | 17 | 50: | 13.5 | 60: | 7 | 70: | 0 | 80: | 0 |
| 90: | 0 | 100: | 0 | 110: | 0 | 120: | 0 | 130: | 0 | 140: | 0 | 150: | 0 | 160: | 0 | 170: | 0 |
| 180: | 0 | 190: | 0 | 200: | 0 | 210: | 0 | 220: | 0 | 230: | 0 | 240: | 0 | 250: | 0 | 260: | 0 |
| 270: | 0 | 280: | 0 | 290: | 0 | 300: | 0 | 310: | 0 | 320: | 7 | 330: | 13.5 | 340: | 17 | 350: | 35 |
- (20) Effective antenna height (m) for each step of 10 degrees clockwise starting from the North:
- | | | | | | | | | | | | | | | | | | |
|------|------------|------|------------|------|------------|------|------------|------|------------|------|------------|------|------------|------|------------|------|------------|
| 0: | 126 | 10: | 126 | 20: | 126 | 30: | 126 | 40: | 126 | 50: | 126 | 60: | 126 | 70: | 126 | 80: | 125 |
| 90: | 124 | 100: | 97 | 110: | 71 | 120: | 60 | 130: | 75 | 140: | 75 | 150: | 99 | 160: | 95 | 170: | 99 |
| 180: | 99 | 190: | 105 | 200: | 105 | 210: | 103 | 220: | 99 | 230: | 88 | 240: | 97 | 250: | 107 | 260: | 112 |
| 270: | 105 | 280: | 106 | 290: | 121 | 300: | 124 | 310: | 126 | 320: | 126 | 330: | 126 | 340: | 126 | 350: | 126 |
- (21) Agreement numbers in the plan: **-**
- (22) Date of submission: **27 March 2007**
- (23) Remarks: **-**