

A18 OPERATIONAL SCHEDULE (MARCH 25TH, 2018)

| frq (khz) | start (utc) | stop (utc) | ciraf zones | ant no | azi | ant type | day (1=Su) | from date | to date | loc | pow (kW) | broad-caster |
|-----------|-------------|------------|-------------|----------|-----|----------|------------|-----------|---------|-----|----------|--------------|
| 7220 | 0600 | 0630 | 46S | 235 | 200 | 216 | 1234567 | 291017 | 240318 | ISS | 250 | AWR |
| 12055 | 1300 | 1330 | 49NW | DB_05a | 118 | 416 | 1234567 | 250318 | 271018 | DB | 100 | AWR |
| 11825 | 1330 | 1400 | 49E | DB_05a | 118 | 416 | 1234567 | 250318 | 271018 | DB | 100 | AWR |
| 12035 | 0600 | 0630 | 46S | 203 | 162 | 196 | 1234567 | 250318 | 271018 | ISS | 250 | AWR |
| 11880 | 0700 | 0730 | 46S | 223 | 170 | 196 | 1234567 | 250318 | 271018 | ISS | 250 | AWR |
| 17570 | 1630 | 1700 | 48 | R1102008 | 122 | 217 | 1234567 | 250318 | 271018 | ISS | 250 | AWR |
| 11885 | 1930 | 2000 | 46SE | R1102002 | 165 | 211 | 1234567 | 250318 | 271018 | ISS | 250 | AWR |
| 9770 | 2000 | 2030 | 46SW | R1102002 | 188 | 211 | 1234567 | 250318 | 271018 | ISS | 250 | AWR |
| 11790 | 2030 | 2100 | 46SE | R1102002 | 165 | 211 | 1234567 | 250318 | 271018 | ISS | 250 | AWR |
| 9655 | 0300 | 0330 | 48 | 330100 | 140 | 216 | 1234567 | 250318 | 271018 | NAU | 250 | AWR |
| 5975 | 0400 | 0430 | 28SE | 310100 | 140 | 216 | 1234567 | 250318 | 271018 | NAU | 100 | AWR |
| 6155 | 0430 | 0500 | 37,38W | 330100 | 220 | 216 | 1234567 | 250318 | 271018 | NAU | 100 | AWR |
| 15455 | 0600 | 0630 | 46S | 320200 | 200 | 218 | 1234567 | 250318 | 271018 | NAU | 250 | AWR |
| 15225 | 0700 | 0800 | 37,38W | 320200 | 210 | 218 | 1234567 | 250318 | 271018 | NAU | 100 | AWR |
| 15225 | 0800 | 0830 | 37,38W | 330200 | 210 | 218 | 1234567 | 250318 | 271018 | NAU | 250 | AWR |
| 15225 | 0830 | 0900 | 37,38W | 320200 | 210 | 218 | 1234567 | 250318 | 271018 | NAU | 100 | AWR |
| 11905 | 0900 | 1000 | 28W | 330100 | 180 | 216 | 1 | 250318 | 271018 | NAU | 100 | AWR |
| 17810 | 1300 | 1330 | 42,43W | 310200 | 75 | 218 | 17 | 250318 | 271018 | NAU | 250 | AWR |
| 17810 | 1300 | 1330 | 42,43W | 310200 | 75 | 218 | 23456 | 250318 | 271018 | NAU | 250 | AWR |
| 15285 | 1330 | 1500 | 42,43W | 310200 | 75 | 218 | 1234567 | 250318 | 271018 | NAU | 250 | AWR |
| 15605 | 1500 | 1530 | 41N | 340200 | 87 | 218 | 1234567 | 250318 | 271018 | NAU | 125 | AWR |
| 15215 | 1530 | 1600 | 41N | 340200 | 90 | 218 | 1234567 | 250318 | 271018 | NAU | 250 | AWR |
| 15670 | 1530 | 1600 | 41N, 42S | 310200 | 79 | 218 | 12347 | 250318 | 271018 | NAU | 250 | AWR |
| 15670 | 1530 | 1600 | 41N, 42S | 310200 | 79 | 218 | 56 | 250318 | 271018 | NAU | 250 | AWR |
| 9830 | 1600 | 1630 | 28SE | 350300 | 135 | 216 | 1234567 | 250318 | 271018 | NAU | 125 | AWR |
| 15490 | 1630 | 1700 | 48 | 330200 | 139 | 218 | 1234567 | 250318 | 271018 | NAU | 250 | AWR |
| 17720 | 1630 | 1700 | 48 | 320200 | 141 | 218 | 1234567 | 250318 | 271018 | NAU | 250 | AWR |
| 17720 | 1730 | 1800 | 48 | 310200 | 145 | 218 | 1234567 | 250318 | 271018 | NAU | 250 | AWR |
| 15170 | 1730 | 1800 | 37,38W | 320200 | 210 | 218 | 1234567 | 250318 | 271018 | NAU | 125 | AWR |
| 11790 | 1900 | 1930 | 46W | 320100 | 218 | 216 | 1234567 | 250318 | 271018 | NAU | 250 | AWR |
| 11800 | 1900 | 2000 | 37,38W | 310100 | 210 | 216 | 1234567 | 250318 | 271018 | NAU | 125 | AWR |
| 11790 | 1930 | 2000 | 46S | 320100 | 200 | 216 | 1234567 | 250318 | 271018 | NAU | 250 | AWR |
| 11955 | 1930 | 2000 | 37,38W | 330100 | 210 | 216 | 1234567 | 250318 | 271018 | NAU | 100 | AWR |
| 9610 | 2000 | 2030 | 37,38W | 320100 | 210 | 216 | 1234567 | 250318 | 271018 | NAU | 100 | AWR |
| 9565 | 2000 | 2030 | 46E,47W | 330100 | 186 | 216 | 1234567 | 250318 | 271018 | NAU | 250 | AWR |
| 15590 | 1500 | 1530 | 41S | 1101001 | 105 | 616 | 1234567 | 250318 | 271018 | SOF | 250 | AWR |
| 11950 | 1600 | 1630 | 41S | 1101001 | 105 | 616 | 1234567 | 250318 | 271018 | SOF | 250 | AWR |
| 9955 | 1330 | 1400 | 41NE | TAC_02 | 131 | 418 | 14 | 250318 | 271018 | TAC | 100 | AWR |
| 9955 | 1330 | 1400 | 54N | TAC_02 | 131 | 418 | 237 | 250318 | 271018 | TAC | 100 | AWR |



| | | | | | | | | | | | | |
|-------|------|------|------------------|----------|-----|-----|--------------------|--------|--------|-----|-----|-----|
| 9955 | 1330 | 1400 | 41NE | TAC_02 | 131 | 418 | 56 | 250318 | 271018 | TAC | 100 | AWR |
| 15165 | 1430 | 1500 | 49NW | TAC_03 | 121 | 418 | 1234567 | 250318 | 271018 | TAC | 100 | AWR |
| 11755 | 1530 | 1600 | 41E | TAC_02 | 141 | 418 | 1234567 | 250318 | 271018 | TAC | 100 | AWR |
| 12025 | 1530 | 1600 | 41W | TAC_10 | 186 | 910 | 1234567 | 250318 | 271018 | TAC | 100 | AWR |
| 9580 | 1530 | 1600 | 41S | TAC_21 | 163 | 911 | 1234567 | 250318 | 271018 | TAC | 100 | AWR |
| 11800 | 0630 | 0700 | 46,47W | RII01002 | 170 | 211 | 1234567 | 250318 | 271018 | ISS | 500 | DWL |
| 15275 | 1600 | 1700 | 48 | RI01003 | 130 | 211 | 1234567 | 250318 | 271018 | ISS | 500 | DWL |
| 11800 | 1800 | 1900 | 46,47W | RII01001 | 170 | 216 | 1234567 | 250318 | 271018 | ISS | 500 | DWL |
| 15200 | 1800 | 1900 | 46,47W | RII01008 | 165 | 217 | 1234567 | 250318 | 271018 | ISS | 500 | DWL |
| 15195 | 1325 | 1530 | 46,47W | RI01004 | 170 | 206 | 7 | 310318 | 120518 | ISS | 500 | DWL |
| 5945 | 0700 | 0730 | 27,28N | 350100 | 260 | 156 | 1 | 250318 | 271018 | NAU | 100 | BVB |
| 6130 | 1730 | 1900 | 28,29 | 310101 | 100 | 146 | 1 | 250318 | 271018 | NAU | 100 | BVB |
| 11655 | 0600 | 0615 | 46N,47NW,38W,37S | 340101 | 180 | 146 | 1234567 | 250318 | 271018 | NAU | 125 | BVB |
| 9550 | 0445 | 0515 | 39N | 310100 | 120 | 216 | 1 | 250318 | 271018 | NAU | 125 | BVB |
| 9635 | 1815 | 1830 | 39,40 | 320100 | 125 | 216 | 1 | 250318 | 271018 | NAU | 250 | BVB |
| 9735 | 0500 | 0515 | 39,40 | 330100 | 120 | 216 | 6 | 250318 | 271018 | NAU | 250 | BVB |
| 15310 | 1600 | 1800 | 38S,39S,47,48 | 330200 | 148 | 218 | 12 | 250318 | 271018 | NAU | 100 | BVB |
| 15310 | 1600 | 1730 | 38S,39S,47,48 | 330200 | 148 | 218 | 3 | 250318 | 271018 | NAU | 100 | BVB |
| 15310 | 1600 | 1700 | 38S,39S,47,48 | 330200 | 148 | 218 | 7 | 250318 | 271018 | NAU | 100 | BVB |
| 15310 | 1800 | 1830 | 38S,39S,47,48 | 330200 | 148 | 218 | 7 | 250318 | 271018 | NAU | 100 | BVB |
| 15310 | 1630 | 1730 | 38S,39S,47,48 | 330200 | 148 | 218 | 6 | 250318 | 271018 | NAU | 100 | BVB |
| 15310 | 1630 | 1730 | 38S,39S,47,48 | 330200 | 148 | 218 | 45 | 250318 | 271018 | NAU | 100 | BVB |
| 21480 | 1200 | 1230 | 43S,44S | TM | 45 | 157 | 7 | 250318 | 271018 | MDC | 125 | BVB |
| 21480 | 1230 | 1245 | 54 | TM | 85 | 157 | 1 | 250318 | 271018 | MDC | 125 | BVB |
| 9610 | 1800 | 1900 | 39,40 | 320100 | 105 | 216 | 5 | 250318 | 271018 | NAU | 100 | BVB |
| 9610 | 1800 | 1830 | 39,40 | 320100 | 105 | 216 | 67 | 250318 | 271018 | NAU | 100 | BVB |
| 9610 | 1830 | 1900 | 39,40 | 320100 | 105 | 216 | 13 | 250318 | 271018 | NAU | 100 | BVB |
| 15265 | 1400 | 1430 | 41 | 340200 | 102 | 218 | 1st Sa p.M. / 7 | 250318 | 271018 | NAU | 250 | BVB |
| 15265 | 1430 | 1500 | 41 | 340200 | 102 | 218 | 7 | 250318 | 271018 | NAU | 250 | BVB |
| 11945 | 0200 | 0230 | 41 | 1783 | 125 | 218 | 157 | 250318 | 271018 | ERV | 100 | BVB |
| 15350 | 1630 | 1700 | 47,48 | 320200 | 145 | 218 | 1234567 | 250318 | 271018 | NAU | 100 | BVB |
| 9490 | 1710 | 1730 | 38E,39,40W | 1100602 | 141 | 616 | 24 | 250318 | 271018 | SOF | 100 | BVB |
| 9490 | 1710 | 1745 | 38E,39,40W | 1100602 | 141 | 616 | 356 | 250318 | 271018 | SOF | 100 | BVB |
| 9490 | 1715 | 1745 | 38E,39,40W | 1100602 | 141 | 616 | 7 | 250318 | 271018 | SOF | 100 | BVB |
| 9810 | 1700 | 1900 | 39 | 3 | 115 | 218 | 1 | 250318 | 271018 | MOS | 100 | BVB |
| 9810 | 1730 | 1900 | 39 | 3 | 115 | 218 | 7 | 250318 | 271018 | MOS | 100 | BVB |
| 9810 | 1700 | 1715 | 39 | 3 | 115 | 218 | 6 | 250318 | 271018 | MOS | 100 | BVB |
| 9810 | 1700 | 1730 | 39 | 3 | 115 | 218 | 5 | 250318 | 271018 | MOS | 100 | BVB |
| 9635 | 1830 | 1915 | 39 | 310101 | 126 | 146 | 1 | 250318 | 271018 | NAU | 100 | BVB |
| 15350 | 1500 | 1600 | 41NW | 1101302 | 91 | 616 | 2467 | 250318 | 271018 | SOF | 100 | BVB |
| 7220 | 0500 | 0600 | 46,47 | RII01001 | 167 | 216 | 1234567 | 250318 | 271018 | ISS | 100 | DAK |
| 11910 | 0600 | 0700 | 46,47 | RII01001 | 167 | 216 | 1234567 | 250318 | 271018 | ISS | 100 | DAK |
| 11830 | 1800 | 2000 | 46,47 | RII01003 | 167 | 206 | 1234567 | 250318 | 271018 | ISS | 100 | DAK |
| 6055 | 1030 | 1100 | 27,28 | 340101 | 222 | 146 | 17 | 250318 | 271018 | NAU | 125 | EMG |
| 15350 | 1230 | 1500 | 41 | 340200 | 89 | 218 | 1234567 | 250318 | 271018 | NAU | 250 | GFA |

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|--------------|------|-------------|-------------------------|------------|-----|-----|--------------------------------|--------|--------|-----|-----|-----|
| 15400 | 1330 | 1530 | 41NE,43S,49N | 320200 | 85 | 218 | 1234567 | 250318 | 271018 | NAU | 250 | GFA |
| 15395 | 1530 | 1630 | 40E,41NW | 310200 | 99 | 218 | 1234567 | 250318 | 271018 | NAU | 250 | GFA |
| 7410 | 0030 | 0130 | 40E,41NW | 340100 | 100 | 216 | 1234567 | 250318 | 271018 | NAU | 250 | GFA |
| 7410 | 2330 | 0030 | 41NE,43S,49N | 330100 | 85 | 216 | 1234567 | 250318 | 271018 | NAU | 250 | GFA |
| 13800 | 1530 | 1630 | 29S | 3 | 95 | 218 | 7 | 250318 | 271018 | MOS | 100 | HCJ |
| 7330 | 1000 | 1100 | 27,28 | 6 | 283 | 805 | 1st Su p.M. / 1 | 250318 | 271018 | MOS | 100 | JOY |
| 6095 | 0800 | 1500 | 18SW,27,28W,37N | 350100 | 240 | 156 | 1 (only via order) | 250318 | 271018 | NAU | 100 | KBC |
| 6045 | 0800 | 0900 | 27E,28 | 310101 | 240 | 146 | 1 (only via order) | 250318 | 271018 | NAU | 125 | KBC |
| 11650 | 0700 | 0800 | 27N,28S | 310101 | 230 | 146 | 1 (only via order) | 250318 | 271018 | NAU | 125 | KBC |
| 5960 | 0000 | 0200 | 2,3,4,6,7,8,9,10 | 310100 | 300 | 216 | 1 | 250318 | 050518 | NAU | 125 | KBC |
| 9925 | 0000 | 0200 | 2,3,4,6,7,8,9,10 | 320100 | 300 | 216 | 1 | 060518 | 010918 | NAU | 125 | KBC |
| 5960 | 0000 | 0200 | 2,3,4,6,7,8,9,10 | 310100 | 300 | 216 | 1 | 020918 | 271018 | NAU | 125 | KBC |
| 15315 | 1830 | 1900 | 46S,47SE | HR 4/4/0.5 | 170 | 216 | 1234567 | 250318 | 271018 | ISS | 500 | LWF |
| 6140 | 0800 | 0900 | 27,28E | 6 | 270 | 805 | 1 (only via order) | 250318 | 271018 | MOS | 100 | MVB |
| 13710 | 1200 | 1230 | 19,20,21,22,23,24,25,26 | 320200 | 60 | 218 | 7 | 250318 | 271018 | NAU | 250 | MWF |
| 9680 | 1600 | 1630 | 29,30 | 1100301 | 30 | 556 | 7 | 250318 | 271018 | SOF | 250 | MWF |
| 17630 | 1600 | 1630 | 47E,48 | HR 4/4/0.8 | 130 | 217 | 37 | 250318 | 271018 | ISS | 500 | OGM |
| 15205 | 1430 | 1445 | 41 | 330200 | 94 | 216 | 1 | 250318 | 271018 | NAU | 250 | PAB |
| 9515 | 1930 | 2000 | 37,38 | 340101 | 155 | 146 | 1 | 250318 | 271018 | NAU | 250 | PAB |
| 6045 | 0800 | 0900 | 27E,28 | 350100 | 233 | 156 | 1 (only via order) | 250318 | 271018 | NAU | 100 | RSH |
| 5955 | 1200 | 1500 | 27E,28 | R1101006 | 21 | 146 | 1234567 (only via order) | 250318 | 271018 | ISS | 100 | SFZ |
| 15420 | 1700 | 1800 | 38E,39S,48 | 350300 | 144 | 216 | 4 | 250318 | 271018 | NAU | 100 | SBO |
| 15420 | 1700 | 1730 | 38E,39S,48 | 350300 | 144 | 216 | 16 | 250318 | 271018 | NAU | 100 | SBO |
| 15420 | 1800 | 1859 | 48SW,52NE,53NE | TF | 320 | 159 | 7 | 250318 | 271018 | MDC | 250 | SJK |
| 5975 | 0500 | 0530 | 27SE,28SW | 4 | ND | 926 | 1234567 | 250318 | 271018 | MOS | 300 | NHK |
| 6165 | 0430 | 0500 | 27,28 | 310101 | 85 | 146 | 1234567 | 250318 | 271018 | NAU | 125 | NHK |
| 9490 | 0300 | 0500 | 38,39,40 | 330100 | 140 | 216 | 1234567 | 250318 | 271018 | NAU | 250 | NHK |
| 15445 | 1700 | 1900 | 38,39,40 | 340200 | 140 | 218 | 1234567 | 250318 | 271018 | NAU | 250 | NHK |
| 5985 | 0400 | 0430 | 11,12 | LPH | 222 | 805 | 1234567 | 250318 | 271018 | RMI | 100 | NHK |

List of Broadcasters which are using MEDIA BROADCAST broadcasting facilities

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|-----|--|
| AWR | Adventist World Radio |
| BVB | High Adventure Gospel - Bible Voice Broadcasting |
| DAK | Dandal Kura Radio International |
| DWL | Deutsche Welle |
| EMG | Evangelische Missionsgemeinden in Deutschland |
| GFA | Gospel for Asia |
| HCJ | Voice of the Andes / Reach Beyond |
| JOY | Radio Joystick |
| KBC | The Mighty KBC |
| LWF | Lutheran World Federation |
| MBR | MEDIA BROADCAST |
| MVB | Mecklenburg-Vorpommern Baltic Radio |
| MWF | Missionswerk Friedensstimme |
| NHK | Nippon Hoso Kyokai |
| OGM | MBR internal customer name |
| PAB | Pan American Broadcasting |
| RSH | MBR internal customer name |
| SBO | Sagalee Bilisummaa Oromoo |
| SFZ | Studio 52 |
| SJK | MBR internal customer name (Radio Itahuka) |

About MEDIA BROADCAST

MEDIA BROADCAST is a member of the freenet Group and Germany's largest service provider for the broadcast and media industry. The company's core business includes the planning, set-up and operation of multi-media transmission platforms for television and radio on a national and global basis using modern transmitter, fibre and satellite networks. The focus is on terrestrial transmitter networks, and with more than 2,000 transmitters for FM, DAB+ and DVB-T, the company is the market leader in Germany. Since May 2016, MEDIA BROADCAST is operator of the nationwide DVB-T2 HD platform "freenet TV". MEDIA BROADCAST serves around 750 national and international customers, including public and commercial broadcasters, TV and radio production companies, cable network operators, media authorities, as well as private enterprises and public institutions. The company has its headquarters in Cologne and operates several offices throughout Germany. For more information, please visit our website or follow us on Twitter.

