

# Digisonde to Digisonde (D2D) Scheduling

NOTE: Move older entries to the end of the table

## 1. Pruhonice to Juliusruh

| Date from   | Date to | Sch offsets, min:sec      | Frequencies, kHz                             | Switch Rules | Comments   |
|-------------|---------|---------------------------|--|--------------|--|
| 18 Feb 2021 | -       | 02:35,<br>07:35,<br>12:35 | 4750 (06:30-16:00 UT),<br>3075 (16:00-06:30) |              |  |
| 23 Nov 2020 | -       | 02:35,<br>07:35,<br>12:35 | 4750 (07:30-15:00 UT),<br>3075 (15:00-07:30) |              |  |
| 20 Oct 2020 | -       | 02:35,<br>07:35,<br>12:35 | 4750 (06:30-16:00 UT),<br>3075 (16:00-06:30) |              |  |
| 17 Sep 2020 | -       | 02:35,<br>07:35,<br>12:35 | 4750 (06:30-17:30 UT),<br>3075 (17:30-06:30) |              |  |
| 25 Jun 2020 | -       | 02:35,<br>07:35,<br>12:35 | 4750 (05:30-18:30 UT),<br>3075 (18:30-05:30) |              |  |
| 01 Apr 2020 | -       | 02:35,<br>07:35,<br>12:35 | 5050 (05:30-18:30 UT),<br>2475 (18:30-05:30) |              |  |
| 27 Nov 2019 | -       | 02:35,<br>07:35,<br>12:35 | 5050 (08:00-14:45 UT),<br>2475 (14:45-08:00) |              |  |
| 16 Apr 2019 | -       | 02:35,<br>07:35,<br>12:35 | 5050 (6:30-20:00 UT),<br>2475 (20:00-6:30)   |              | missing or unreliable DOP data: 21.06.2019 09 UT - 17.07.2019 09 UT (unsynchronized operation) |
| 27 Feb 2019 | -       | 02:35,<br>07:35,<br>12:35 | 5050 (6:30-16:30 UT),<br>2475 (16:30-6:30)   |              |  |
| 09 Nov 2018 | -       | 02:35,<br>07:35,<br>12:35 | 5050 (6:45-15:30 UT),<br>2475 (15:30-6:45)   |              |  |
| 02 Nov 2018 | -       | 02:35,<br>07:35,<br>12:35 | 5050 (6:45-15:30 UT),<br>2450 (15:30-6:45)   |              |  |
| 24 Sep 2018 | -       | 02:35,<br>07:35,<br>12:35 | 5050 (6:45-17:00 UT),<br>2450 (17:00-6:45)   |              |  |

|                      |                      |                           |  |            |                             |
|----------------------|----------------------|---------------------------|--|------------|-----------------------------|
| 28 May 2018          | -                    | 02:35,<br>07:35,<br>12:35 | 5050 (6:45-20:00 UT),<br>2450 (20:00-6:45)                                       |            |                             |
| 04 December 2017     | ...                  | 02:35,<br>07:35,<br>12:35 | 5760 (7:30-15:00 UT),<br>2450 (15:00-7:30)                                       |            |                             |
| 17 December 2015     | -                    | 02:35,<br>07:35,<br>12:35 | 7900 (8:00-14:00 UT),<br>5050 (14:00-15:30 &<br>7:00-8:00), 2450<br>(15:30-7:00) |            |                             |
| 21 November 2015     | 17 December 2015     | 02:35,<br>07:35,<br>12:35 | 7900 (7:30-15:00 UT),<br>5050 (15:00-18:30 &<br>6:30-7:30), 2450<br>(18:30-6:30) |            |                             |
| 13 November 2015     | 21 November          | 02:35,<br>07:35,<br>12:35 | 7900 (7:30-15:00 UT),<br>5050 (15:00-18:30 &<br>5:00-7:30), 3050<br>(18:30-5:00) |            | accurate timing             |
| 11 November 2015     | 13 November 2015     | 02:35,<br>07:35,<br>12:35 | 7900 (day), 3450 (night)   |            | accurate timing             |
| 24 October 2015      | 11 November 2015     | 02:35,<br>07:35,<br>12:35 | 7900 (day), 3450 (night)   |            | back to normal              |
| 9 October 2015       | 23 October 2015      |                           |  |            | PQ052 sync inaccurate       |
| 21 August 2015 1303z | 8 October 2015       |                           |  |            | PQ052 no sync to GPS        |
| 15 July 2015 1130z   | 21 August 2015 1300z |                           |  |            | PQ052 no sync to GPS        |
| 02 June 2015 0915z   | 15 July 2015 1130z   |                           |  |            | PQ052 down for repairs      |
| 25 April 2015 0127z  | 02 June 2015 0915z   | 02:35,<br>07:35,<br>12:35 | 7900 (day)   | continuous | 02:35 no reception at JR055 |
| 30 March 2015 0852z  | 25 April 2015 0127z  | 02:35,<br>07:35,<br>12:35 | 7900 (day), 3000 (night)   | TBD        | 02:35 no reception at JR055 |
| 17 March 2015 1559z  | 30 March 2015 0829z  | 04:18,<br>09:18,<br>14:18 | 8000 (day), 3000 (night)   | TBD        |                             |
| 12 March 2015 0310z  | 17 March 2015 1540z  | 10:00                     | 8000 (day), 3000 (night)   | TBD        |                             |

## 2. Dourbes to Juliusruh

| Date from            | Date to              | Sch offsets,<br>min:sec                 | Frequencies, kHz                          | Switch<br>Rules | Comments   |
|----------------------|----------------------|---|---|-----------------|--|
| 18 Feb 2021          | current              | 04:15, 08:45,<br>09:15, 11:45,<br>14:15 | 6650 (06:30-16:00),<br>3450 (16:00-06:30) |                 |  |
| 23 November<br>2020  | 18 Feb               | 04:15, 08:45,<br>09:15, 11:45,<br>14:15 | 6650 (07:30-15:00),<br>3450 (15:00-07:30) |                 |  |
| 20 October<br>2020   | 23 November<br>2020  | 04:15, 08:45,<br>09:15, 11:45,<br>14:15 | 6650 (06:30-16:00),<br>3450 (16:00-06:30) |                 |  |
| 17 September<br>2020 | 20 October<br>2020   | 04:15, 08:45,<br>09:15, 11:45,<br>14:15 | 6650 (05:30-17:30),<br>3450 (17:30-05:30) |                 |  |
| 25 Jun 2020          | 17 September<br>2020 | 04:15, 08:45,<br>09:15, 11:45,<br>14:15 | 6650 (05:30-18:30),<br>3450 (18:30-05:30) |                 |  |
| 01 Apr 2020          | 25 Jun 2020          | 04:15, 08:45,<br>09:15, 11:45,<br>14:15 | 7250 (05:30-18:30),<br>3450 (18:30-05:30) |                 |  |
| 14 Februari<br>2020  | 01 Apr 2020          | 04:15, 08:45,<br>09:15, 11:45,<br>14:15 | 7250 (06:30-16:30),<br>3450 (16:30-06:30) |                 |  |
| 29 November<br>2019  | 14 Februari<br>2020  | 04:15, 08:45,<br>09:15, 11:45,<br>14:15 | 7250 (08:00-14:45),<br>3450 (14:45-08:00) |                 |  |
| 16 September<br>2019 | 29 Nov 2019          | 04:15, 08:45,<br>09:15, 11:45,<br>14:15 | 7250 (06:30-16:15),<br>3450 (16:15-06:30) |                 |  |
| 16 April 2019        | 16 September<br>2019 | 04:15, 08:45,<br>09:15, 11:45,<br>14:15 | 7250 (06:30-20:00),<br>3450 (20:00-06:30) |                 |  |
| 27 February<br>2019  | 16 April 2019        | 04:15, 08:45,<br>09:15, 11:45,<br>14:15 | 7250 (06:30-16:30),<br>3450 (16:30-06:30) |                 | Change made after 12 UT  |
| 02 November<br>2018  | 7 February<br>2019   | 04:15, 08:45,<br>09:15, 11:45,<br>14:15 | 7250 (06:45-15:30),<br>3450 (15:30-06:45) |                 |  |
| 15 October<br>2018   | 27 February<br>2019  | 04:15, 08:45,<br>09:15, 11:45,<br>14:15 | 7250 (07:30-17:00),<br>3500 (17:00-07:30) |                 | Change made after 12 UT  |
| 25 September<br>2018 | 5 October<br>2018    | 04:15, 09:15,<br>14:15                  | 7250 (07:30-17:00),<br>3500 (17:00-07:30) |                 | Staggered evening frequency<br>switch for compatibility with<br>DB049-EB040 link |
|                      |                      |   |   |                 | Started using 128-chip code  |

|                      |                      |                     |  |
|----------------------|----------------------|---------------------|--|
| 24 September 2018    | 25 September 2018    | 04:15, 09:15, 14:15 | 7250 (07:30-19:00), 3500 (19:00-07:30) |
| 16 April 2018        | 24 September 2018    | 03:55, 08:55, 13:55 | 7250 (06:45-20:30), 3500 (20:30-06:44) |
| 9 April 2018         | 16 April 2018        | 03:55, 08:55, 13:55 | 7500 (06:45-20:30), 3500 (20:30-06:44) |
| 15 March 2018        | 9 April 2018         | 03:55, 08:55, 13:55 | 7500 (06:45-19:00), 3500 (19:00-06:45) |
| Dec 2017             | 15 March 2018        | -                   | -                                      |
| 28 August 2015 0853  | -                    | 08:40               | 8950 (day)                             |
| 27 August 2015 1434z | 28 August 2015 0853z | 04:15, 09:15        | 8950 (day)                             |

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| no D2D link active |
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### 3. Dourbes to Roquetes

Sopron also listening to Dourbes Tx starting 2018-10-11

| Date from         | Date to           | Sch offsets, min:sec                     | Frequencies, kHz                       | Switch Rules | Comments                   |
|-------------------|-------------------|--|--|--------------|----------------------------|
| 23 November 2020  | Current           | 02:09, 04:39, 07:09, 09:39, 12:09, 14:39 | 9125 (07:15-16:45), 4725 (16:45-07:15) |              | At 02:09 only during night |
| 19 October 2020   | 23 November 2020  | 02:09, 04:39, 07:09, 09:39, 12:09, 14:39 | 9125 (07:00-17:30), 4725 (17:30-07:00) |              | At 02:09 only during night |
| 17 September 2020 | 19 October 2020   | 02:09, 04:39, 07:09, 09:39, 12:09, 14:39 | 9125 (07:15-19:30), 4725 (19:30-07:15) |              | At 02:09 only during night |
| 30 April 2020     | 17 September 2020 | 02:09, 04:39, 07:09, 09:39, 12:09, 14:39 | 9125 (07:15-21:30), 4725 (21:30-07:15) |              | At 02:09 only during night |
| 1 April 2020      | 30 April 2020     | 02:09, 04:39, 07:09, 09:39, 12:09, 14:39 | 9125 (07:15-19:30), 4725 (19:30-07:15) |              | At 02:09 only during night |
| 9 March 2020      | 1 April 2020      | 02:09, 04:39, 07:09, 09:39, 12:09, 14:39 | 9125 (07:15-18:15), 4725 (18:15-07:15) |              | At 02:09 only during night |
| 12 February 2020  | 9 March 2020      | 02:09, 04:39, 07:09, 09:39, 12:09, 14:39 | 9125 (07:30-17:15), 4725 (17:15-07:30) |              | At 02:09 only during night |
| 29 November 2019  | 12 February 2020  | 02:09, 04:39, 07:09, 09:39, 12:09, 14:39 | 9125 (07:30-16:15), 4725 (16:15-07:30) |              | At 02:09 only during night |
| 13 November 2019  | 29 November 2019  | 02:09, 04:39, 07:09, 09:39,              | 9125 (07:15-17:00), 4725 (17:00-07:15) |              | At 02:09 only during night |

|                   |                   |   |  |   |
|-------------------|-------------------|---|--|---|
|                   |                   | 12:09, 14:39                                |  |   |
| 22 October 2019   | 13 November 2019  | 02:09, 04:39, 07:09, 09:39, 12:09, 14:39    | 9125 (07:00-17:30), 4725 (17:30-07:00) | At 02:09 only during night                                    |
| 3 October 2019    | 22 October 2019   | 02:09, 04:39, 07:09, 09:39, 12:09, 14:39    | 9125 (07:30-18:15), 4725 (18:15-07:30) | At 02:09 only during night                                    |
| 16 September 2019 | 3 October 2019    | 02:09, 04:39, 07:09, 09:39, 12:09, 14:39    | 9125 (07:15-19:15), 4725 (19:15-07:15) | At 02:09 only during night                                    |
| 29 April 2019     | 16 September 2019 | 02:09, 04:39, 07:09, 09:39, 12:09, 14:39    | 9125 (06:45-21:30), 4725 (21:30-06:45) | At 02:09 only during night                                    |
| 15 April 2019     | 29 April 2019     | 02:09, 04:39, 07:09, 09:39, 12:09, 14:39    | 9125 (06:45-20:00), 4725 (20:00-06:45) | At 02:09 only during night                                    |
| 18 February 2019  | 15 April 2019     | 02:09, 04:39, 07:09, 09:39, 12:09, 14:39    | 9125 (07:00-18:00), 4725 (18:00-07:00) | At 02:09 only during night                                    |
| 20 November 2018  | 18 February 2019  | 02:09, 04:39, 07:09, 09:39, 12:09, 14:39    | 9125 (07:15-16:30), 4725 (16:30-07:15) | At 02:09 only during night                                    |
| 26 October 2018   | 20 November 2018  | 02:09, 04:39, 07:09, 09:39, 12:09, 14:39    | 9125 (07:15-17:30), 4725 (17:30-07:15) | At 02:09 only during night                                    |
| 24 September 2018 | 26 October 2018   | 02:09, 04:39, 07:09, 09:39, 12:09, 14:39    | 9125 (07:30-19:00), 4725 (19:00-07:30) | At 02:09 only during night                                    |
| 9 April 2018      | 24 September 2018 | 02:09, 04:39, 07:09, 09:39, 12:09, 14:39    | 9125 (06:45-20:30), 4725 (20:30-06:44) | At 02:09 only during night                                    |
| 9 March 2018      | 8 April 2018      | 02:09, 04:39, 07:09, 09:39, 12:09, 14:39    | 9125 (06:45-19:00), 4725 (19:00-06:45) | At 02:09 only during night                                    |
| 28 February 2018  | 8 March 2018      | 02:09, 04:39, 07:09, 09:39, 12:09, 14:39    | 9125 (07:15-17:30), 4725 (17:30-07:15) | At 02:09 only during night                                    |
| 19 February 2018  | 27 February 2018  | Campaign to test 128-chip and 64-chip codes |  |   |
| 5 December 2017   | 9 April 2018      | 03:40, 08:40, 13:40                         | 9125 (07:30-16:30), 4725 (16:30-07:30) | TV: Made effective after 10:00; DA: Made effective after 9:10 |
|                   |                   | 03:40, 08:40, 13:40                         |  |   |

|                       |                       |                     |   |                                |
|-----------------------|-----------------------|---------------------|---|--------------------------------|
| 21 September 2017     | 5 December 2017       |                     | 9125 (06:45-19:15), 4725 (19:15-06:45)                                | DA: Made effective after 09:45 |
| 15 May 2017           | 21 September 2017     | 03:40, 08:40, 13:40 | 9125 (6:15-21:15), 4725 (21:15-6:15)                                  |                                |
| 11 April 2017         | 15 May                | 03:40, 08:40, 13:40 | 9125 (6:15-20:15), 4725 (20:15-6:15)                                  |                                |
| 21 March 2017         | 11 April 2017         | 03:40, 08:40, 13:40 | 9125 (6:15-19:00), 4725 (19:00-6:15)                                  | DA: Made effective after 20:15 |
| 20 February 2017      | 21 March 2017         | 03:40, 08:40, 13:40 | 9125 (6:45-17:30), 4725 (17:30-6:45)                                  |                                |
| 27 January 2017 1230  | 20 February 2017      | 03:40, 08:40, 13:40 | 9125 (7:15-16:30), 4725 (16:30-7:15)                                  | DA: Made effective after 20:15 |
| 13 December 2016 0845 | 26 January 2017 1230  | 03:40, 08:40, 13:40 | 10425 (7:45-16:00), 4725 (16:00-7:45)                                 |                                |
| 13 October 2016 1630  | 13 December 2016 0725 | 03:40, 08:40, 13:40 | 10425 (9:15-16:30), 7825 (6:15-9:15 & 16:30-19:15), 4355 (19:15-6:15) |                                |
| 11 October 2016 0930  | 13 October 2016 1630  | 03:40, 08:40, 13:40 | 10425 (9:45-16:30), 7675 (6:45-9:45 & 16:30-19:15), 4355 (19:15-6:45) |                                |
| 7 September 2016 0725 | 11 October 2016 0930  | 03:40, 08:40, 13:40 | 8950 (7:00-21:00), 4845 (21:00-7:00)                                  |                                |
| 9 May 2016 1220       | 7 September 2016 0725 | 03:40, 08:40, 13:40 | 11145 (9:45-18:30), 8950 (6:45-9:45 & 18:30-21:00), 4845 (21:00-6:45) |                                |
| 23 March 2016 1100    | 9 May 2016 1220       |                     | 11145 (9:45-18:30), 8950 (6:45-9:00 & 18:30-19:45), 4845 (19:45-6:45) |                                |
| 15 February 2016 1830 | 23 March 2016 1100    |                     | 11350 (9:00-18:30), 8950 (7:00-9:00 & 16:30-18:30), 4845 (18:30-7:00) |                                |
| 11 December 2015 1630 | 15 February 2016 1830 |                     | 8950 (7:30-16:30), 3450 (16:30-7:30)                                  |                                |
| 30 October 2015 1800  | 11 December 2015 1630 |                     | 8950 (7:00-18:00), 4845 (18:00-7:00)                                  |                                |
| 29 October 2015 1900  | 30 October 2015 1800  |                     | 8950 (7:00-19:00), 4400 (19:00-7:00)                                  |                                |
| 28 October 2015 1900  | 29 October 2015 1900  |                     | 8950 (7:00-19:00), 4000 (19:00-7:00)                                  |                                |
| 30 August 2015 0000   | 28 October 2015 1900  |                     | 8950 (7:00-22:00), 4845 (22:00-7:00)                                  |                                |

## 4. Dourbes to Athens [Suspended]

| Date from                | Date to                  | Sch offsets, min:sec      | Frequencies, kHz  | Switch Rules | Comments                                       |
|--------------------------|--------------------------|---------------------------|---|--------------|--|
| 29 May 2017              | 2 June 2017              | 03:40,<br>08:40,<br>13:40 | 9125 (6:15-21:15), 4725<br>(21:15-6:15)                                     |              | New transmitter card testing period for Athens |
| 16 May 2017<br>0735      | 29 May 2017              | 03:40,<br>08:40,<br>13:40 | 9125 (6:15-21:15), 4725<br>(21:15-6:15)                                     |              |  |
| 12 April 2017<br>0825    | 16 May 2017<br>0735      | 03:40,<br>08:40,<br>13:40 | 9125 (6:15-20:15), 4725<br>(20:15-6:15)                                     |              |  |
| 6 April 2017<br>1055     | 12 April 2017<br>0825    | 03:40,<br>08:40,<br>13:40 | 9125 (6:15-19:00), 4725<br>(19:00-6:15)                                     |              |  |
| 21 February<br>2017 1250 | 11 March 2017            | 03:40,<br>08:40,<br>13:40 | 9125 (6:45-17:30), 4725<br>(17:30-6:45)                                     |              |  |
| 27 January<br>2017 0948  | 21 February<br>2017 1250 | 03:40,<br>08:40,<br>13:40 | 9125 (7:15-16:30), 4725<br>(16:30-7:15)                                     |              |  |
| 13 December<br>2016 0845 | 27 January<br>2017 0948  | 03:40,<br>08:40,<br>13:40 | 10425 (7:45-16:00), 4725<br>(16:00-7:45)                                    |              |  |
| 13 October<br>2016 1200  | 13 December<br>2016 0725 | 03:40,<br>08:40,<br>13:40 | 10425 (9:15-16:30), 7825<br>(6:15-9:45 & 16:30-19:15),<br>4355 (19:15-6:15) |              |  |
| 11 October<br>2016 0909  | 13 October<br>2016 1200  | 03:40,<br>08:40,<br>13:40 | 10425 (9:45-16:30), 7675<br>(6:45-9:45 & 16:30-19:15),<br>4355 (19:15-6:45) |              |  |
| 7 September<br>2016 0749 | 11 October<br>2016 0909  | 03:40,<br>08:40,<br>13:40 | 8950 (day), 4845(night)   |              |  |
| 6 May 2016<br>0928       | 7 September<br>2016 0749 | 03:40,<br>08:40,<br>13:40 | 11145 (day), 4845(night)  |              |  |

## 5. Athens to Roquetes

| Date from          | Date to          | Sch offsets, min:sec              | Frequencies, kHz                                   | Switch Rules | Comments                       |
|--------------------|------------------|-----------------------------------|--|--------------|--------------------------------|
| 13 March<br>2018   | Current          | [03:15, 08:15,<br>13:15]@128-chip | 11750 (128-chip/06:45-19:00)<br>4725 (19:00-06:45) |              | AM: Made effective after 09:55 |
| 16 January<br>2018 | 13 March<br>2018 | -                                 | -  |              | AM: AT138 offline due          |

|                   |                   |   |   |  |
|-------------------|-------------------|---|---|--|
|                   |                   |   |   | to amplifier failure   |
| 22 December 2017  | 16 January 2018   | [03:15, 08:15, 13:15]@128-chip, [03:40, 08:40, 13:40]@16-chip | 11750 (128-chip/07:30-16:30), 9525 (16-chip/07:30-16:30) 4725 (16:30-07:30) | AM: Made effective after 12:20; DA: Made effective after 12:30 |
| 11 December 2017  | 22 December 2017  | [03:15, 08:15, 13:15]@128-chip, [03:40, 08:40, 13:40]@16-chip | 9525 (128-chip/07:30-16:30), 9525 (16-chip/07:30-16:30) 4725 (16:30-07:30)  | AM: Made effective after 09:20                                 |
| 5 December 2017   | 11 December 2017  | 03:15, 08:15, 13:15   | 9525 (07:30-16:30), 4725 (16:30-07:30)                                      | AM: Made effective after 10:00; DA: Made effective after 9:10  |
| 21 September 2017 | 5 December 2017   | 03:15, 08:15, 13:15   | 9525 (6:14:58-21:14:59), 4725 (21:14:59-6:14:58)                            | DA: Made effective after 09:45                                 |
| 2 June 2017       | 21 September 2017 | 03:15, 08:15, 13:15   | 9525 (6:14:58-21:14:59), 4725 (21:14:59-6:14:58)                            |  |
| 29 May 2017       | 2 June 2017       | 03:15, 08:15, 13:15   | 9525 (6:14:58-21:14:59), 4725 (21:14:59-6:14:58)                            | New transmitter card testing period for Athens                 |