

## 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                                                                                                   |
|----------------------|----------------------|----------------------|----------------------------------------------------------------------------------|--------------|------------------------------------------------------------------------------------------------------------|
| 25 Jun 2020          | -                    | 02:35, 07:35, 12:35  | 4750 (05:30-18:30 UT),<br>3075 (18:30-05:30)                                     |              |                                                                                                            |
| 01 Apr 2020          | -                    | 02:35, 07:35, 12:35  | 5050 (05:30-18:30 UT),<br>2475 (18:30-05:30)                                     |              |                                                                                                            |
| 27 Nov 2019          | -                    | 02:35, 07:35, 12:35  | 5050 (08:00-14:45 UT),<br>2475 (14:45-08:00)                                     |              |                                                                                                            |
| 16 Apr 2019          | -                    | 02:35, 07:35, 12:35  | 5050 (6:30-20:00 UT),<br>2475 (20:00-6:30)                                       |              | missing or unreliable<br>DOP data: 21.06.2019<br>09 UT - 17.07.2019 09<br>UT (unsynchronized<br>operation) |
| 27 Feb 2019          | -                    | 02:35, 07:35, 12:35  | 5050 (6:30-16:30 UT),<br>2475 (16:30-6:30)                                       |              |                                                                                                            |
| 09 Nov 2018          | -                    | 02:35, 07:35, 12:35  | 5050 (6:45-15:30 UT),<br>2475 (15:30-6:45)                                       |              |                                                                                                            |
| 02 Nov 2018          | -                    | 02:35, 07:35, 12:35  | 5050 (6:45-15:30 UT),<br>2450 (15:30-6:45)                                       |              |                                                                                                            |
| 24 Sep 2018          | -                    | 02:35, 07:35, 12:35  | 5050 (6:45-17:00 UT),<br>2450 (17:00-6:45)                                       |              |                                                                                                            |
| 28 May 2018          | -                    | 02:35, 07:35, 12:35  | 5050 (6:45-20:00 UT),<br>2450 (20:00-6:45)                                       |              |                                                                                                            |
| 04 December 2017     | ...                  | 02:35, 07:35, 12:35  | 5760 (7:30-15:00 UT),<br>2450 (15:00-7:30)                                       |              |                                                                                                            |
| 17 December 2015     | -                    | 02:35, 07:35, 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, 07:35, 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, 07:35, 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, 07:35, 12:35  | 7900 (day), 3450<br>(night)                                                      |              | accurate timing                                                                                            |
| 24 October 2015      | 11 November 2015     | 02:35, 07:35, 12:35  | 7900 (day), 3450<br>(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<br>repairs                                                                                  |
| 25 April 2015 0127z  | 02 June 2015 0915z   | 02:35, 07:35, 12:35  | 7900 (day)                                                                       | continuous   | 02:35 no reception at<br>JR055                                                                             |
| 30 March 2015 0852z  | 25 April 2015 0127z  | 02:35, 07:35, 12:35  | 7900 (day), 3000<br>(night)                                                      | TBD          | 02:35 no reception at<br>JR055                                                                             |
| 17 March 2015 1559z  | 30 March 2015 0829z  | 04:18, 09:18, 14:18  | 8000 (day), 3000<br>(night)                                                      | TBD          |                                                                                                            |
| 12 March 2015 0310z  | 17 March 2015 1540z  | 10:00                | 8000 (day), 3000<br>(night)                                                      | TBD          |                                                                                                            |

## 2. Dourbes to Juliusruh

| Date from            | Date to              | Sch offsets, min:sec              | Frequencies, kHz                       | Switch Rules | Comments                                                                   |
|----------------------|----------------------|-----------------------------------|----------------------------------------|--------------|----------------------------------------------------------------------------|
| 25 Jun 2020          | Current              | 04:15, 08:45, 09:15, 11:45, 14:15 | 6650 (05:30-18:30), 3450 (18:30-05:30) |              |                                                                            |
| 01 Apr 2020          | 25 Jun 2020          | 04:15, 08:45, 09:15, 11:45, 14:15 | 7250 (05:30-18:30), 3450 (18:30-05:30) |              |                                                                            |
| 14 Februari 2020     | 01 Apr 2020          | 04:15, 08:45, 09:15, 11:45, 14:15 | 7250 (06:30-16:30), 3450 (16:30-06:30) |              |                                                                            |
| 29 November 2019     | 14 Februari 2020     | 04:15, 08:45, 09:15, 11:45, 14:15 | 7250 (08:00-14:45), 3450 (14:45-08:00) |              |                                                                            |
| 16 September 2019    | 29 Nov 2019          | 04:15, 08:45, 09:15, 11:45, 14:15 | 7250 (06:30-16:15), 3450 (16:15-06:30) |              |                                                                            |
| 16 April 2019        | 16 September 2019    | 04:15, 08:45, 09:15, 11:45, 14:15 | 7250 (06:30-20:00), 3450 (20:00-06:30) |              |                                                                            |
| 27 February 2019     | 16 April 2019        | 04:15, 08:45, 09:15, 11:45, 14:15 | 7250 (06:30-16:30), 3450 (16:30-06:30) |              | Change made after 12 UT                                                    |
| 02 November 2018     | 7 February 2019      | 04:15, 08:45, 09:15, 11:45, 14:15 | 7250 (06:45-15:30), 3450 (15:30-06:45) |              |                                                                            |
| 15 October 2018      | 27 February 2019     | 04:15, 08:45, 09:15, 11:45, 14:15 | 7250 (07:30-17:00), 3500 (17:00-07:30) |              | Change made after 12 UT                                                    |
| 25 September 2018    | 5 October 2018       | 04:15, 09:15, 14:15               | 7250 (07:30-17:00), 3500 (17:00-07:30) |              | Staggered evening frequency switch for compatibility with DB049-EB040 link |
| 24 September 2018    | 25 September 2018    | 04:15, 09:15, 14:15               | 7250 (07:30-19:00), 3500 (19:00-07:30) |              | Started using 128-chip code                                                |
| 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        | -                                 | -                                      |              | no D2D link active                                                         |
| 28 August 2015 0853  | -                    | 08:40                             | 8950 (day)                             |              |                                                                            |
| 27 August 2015 1434z | 28 August 2015 0853z | 04:15, 09:15                      | 8950 (day)                             |              |                                                                            |

### 3. Dourbes to Roquetes

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

| Category     | Item        | Material    | Quantity | Unit           | Price | Total |
|--------------|-------------|-------------|----------|----------------|-------|-------|
| Construction | Excavation  | Excavation  | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Foundation  | Foundation  | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Structure   | Structure   | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Roofing     | Roofing     | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Interior    | Interior    | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Exterior    | Exterior    | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Landscaping | Landscaping | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Drainage    | Drainage    | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Lighting    | Lighting    | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Security    | Security    | 100      | m <sup>3</sup> | 100   | 10000 |
| Mechanical   | Plumbing    | Plumbing    | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Electrical  | Electrical  | 100      | m <sup>3</sup> | 100   | 10000 |
|              | HVAC        | HVAC        | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Fire        | Fire        | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Gas         | Gas         | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Water       | Water       | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Drainage    | Drainage    | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Lighting    | Lighting    | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Security    | Security    | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Painting    | Painting    | 100      | m <sup>3</sup> | 100   | 10000 |
| Electrical   | Wiring      | Wiring      | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Switches    | Switches    | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Outlets     | Outlets     | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Lighting    | Lighting    | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Security    | Security    | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Painting    | Painting    | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Excavation  | Excavation  | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Foundation  | Foundation  | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Structure   | Structure   | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Roofing     | Roofing     | 100      | m <sup>3</sup> | 100   | 10000 |
| Interior     | Wiring      | Wiring      | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Switches    | Switches    | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Outlets     | Outlets     | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Lighting    | Lighting    | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Security    | Security    | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Painting    | Painting    | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Excavation  | Excavation  | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Foundation  | Foundation  | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Structure   | Structure   | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Roofing     | Roofing     | 100      | m <sup>3</sup> | 100   | 10000 |
| Exterior     | Wiring      | Wiring      | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Switches    | Switches    | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Outlets     | Outlets     | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Lighting    | Lighting    | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Security    | Security    | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Painting    | Painting    | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Excavation  | Excavation  | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Foundation  | Foundation  | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Structure   | Structure   | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Roofing     | Roofing     | 100      | m <sup>3</sup> | 100   | 10000 |
| Landscaping  | Wiring      | Wiring      | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Switches    | Switches    | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Outlets     | Outlets     | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Lighting    | Lighting    | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Security    | Security    | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Painting    | Painting    | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Excavation  | Excavation  | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Foundation  | Foundation  | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Structure   | Structure   | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Roofing     | Roofing     | 100      | m <sup>3</sup> | 100   | 10000 |
| Drainage     | Wiring      | Wiring      | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Switches    | Switches    | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Outlets     | Outlets     | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Lighting    | Lighting    | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Security    | Security    | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Painting    | Painting    | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Excavation  | Excavation  | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Foundation  | Foundation  | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Structure   | Structure   | 100      | m <sup>3</sup> | 100   | 10000 |
|              | Roofing     | Roofing     | 100      | m <sup>3</sup> | 100   | 10000 |

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

#### 5. Athens to Roquetes

| Date from         | Date to           | Sch offsets, min:sec                                             | Frequencies, kHz                                                                        | Switch Rules | Comments                                                       |
|-------------------|-------------------|------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------|----------------------------------------------------------------|
| 13 March 2018     | Current           | [03:15, 08:15, 13:15]@128-chip                                   | 11750<br>(128-chip/06:45-19:00)<br>4725 (19:00-06:45)                                   |              | AM: Made effective after 09:55                                 |
| 16 January 2018   | 13 March 2018     | -                                                                | -                                                                                       |              | AM: AT138 offline due to amplifier failure                     |
| 22 December 2017  | 16 January 2018   | [03:15, 08:15, 13:15]@128-chip,<br>[03:40, 08:40, 13:40]@16-chip | 11750<br>(128-chip/07:30-16:30),<br>9525<br>(16-chip/07:30-16:30)<br>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,<br>[03:40, 08:40, 13:40]@16-chip | 9525<br>(128-chip/07:30-16:30),<br>9525<br>(16-chip/07:30-16:30)<br>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),<br>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<br>(6:14:58-21:14:59),<br>4725<br>(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<br>(6:14:58-21:14:59),<br>4725<br>(21:14:59-6:14:58)                               |              |                                                                |
| 29 May 2017       | 2 June 2017       | 03:15, 08:15, 13:15                                              | 9525<br>(6:14:58-21:14:59),<br>4725<br>(21:14:59-6:14:58)                               |              | New transmitter card testing period for Athens                 |