

**Table of ceasefire violations as of 20 April 2017<sup>1</sup>**

| SMM position  | Location of event                 | Observation  | Type of weapon/ammunition | Date/time                         |                 |
|---|-----------------------------------|--|---------------------------|-----------------------------------|-----------------|
| SMM camera in Avdiivka (government-controlled, 17km N of Donetsk) | 3-5km ESE                         | Recorded 8 projectiles from N to S                       | N/K                       | 19 April, 20:57                   |                 |
|   |                                   | Recorded 2 projectiles from S to N                       |                           | 19 April, 20:58                   |                 |
|   |                                   | Recorded 1 projectiles from N to S                       |                           |                                   |                 |
|   |                                   | Recorded 3 projectiles from S to N                       |                           | 19 April, 22:06                   |                 |
|   |                                   | Recorded 1 projectiles from S to N                       |                           | 19 April, 22:17                   |                 |
|   |                                   | Recorded 14 projectiles from S to N                      |                           | 19 April, 23:19                   |                 |
|   |                                   | Recorded 1 projectiles from N to S                       |                           | 19 April, 23:35                   |                 |
|   |                                   | Recorded 2 projectiles from S to N                       |                           | 19 April, 23:50                   |                 |
|   |                                   | Recorded 1 projectiles from S to N                       |                           | 20 April, 01:04                   |                 |
|   |                                   | Recorded 9 tracers from S to N                           |                           | 20 April, 03:05                   |                 |
|   |                                   | Recorded 1 undetermined explosion                        |                           | 20 April, 10:42                   |                 |
|   |                                   | 2-4km SSE  |                           | Recorded 1 undetermined explosion | 20 April, 17:04 |
|   |                                   |  |                           | Recorded 1 undetermined explosion | 20 April, 17:05 |
|   | Recorded 1 undetermined explosion |  |                           | 20 April, 17:06                   |                 |
|   | 2-4km ESE                         | Recorded 1 undetermined explosion                        |                           | 20 April, 17:12                   |                 |
|   |                                   | Recorded 1 undetermined explosion                        |                           | 20 April, 17:14                   |                 |
|   | 3-5km ESE                         | Recorded 1 undetermined explosion                        |                           | 20 April, 17:18                   |                 |
|   |                                   | Recorded 1 undetermined explosion                        |                           | 20 April, 17:20                   |                 |
|   |                                   | Recorded 1 undetermined explosion                        |                           | 20 April, 17:21                   |                 |
|   |                                   | Recorded 1 undetermined explosion                        |                           | 20 April, 17:22                   |                 |
|   |                                   | Recorded 2 airbursts                                     |                           | 20 April, 17:29                   |                 |
|   |                                   | Recorded 1 airburst                                      |                           | 20 April, 17:30                   |                 |
|   |                                   | Recorded 1 undetermined explosion                        |                           | 20 April, 17:35                   |                 |
|   |                                   | Recorded 1 undetermined explosion                        |                           | 20 April, 17:36                   |                 |
|   |                                   | Recorded 1 undetermined explosion                        |                           | 20 April, 17:38                   |                 |
|   |                                   | Recorded 1 undetermined explosion                        |                           | 20 April, 17:39                   |                 |
|   |                                   | Recorded 1 undetermined explosion                        |                           | 20 April, 17:41                   |                 |
|   |                                   | Recorded 1 undetermined explosion                        |                           | 20 April, 17:42                   |                 |
|   |                                   | Recorded 1 undetermined explosion                        |                           | 20 April, 17:45                   |                 |
|   |                                   | Recorded 1 undetermined explosion                        |                           | 20 April, 17:47                   |                 |
|   |                                   | Recorded 1 undetermined explosion                        |                           | 20 April, 17:49                   |                 |
|   |                                   | Recorded 1 undetermined explosion                        |                           | 20 April, 17:50                   |                 |
|   |                                   | Recorded 1 undetermined explosion                        |                           | 20 April, 17:52                   |                 |
|   |                                   | Recorded 1 undetermined explosion                        |                           | 20 April, 17:53                   |                 |
|   |                                   | Recorded 4 projectiles (outgoing) from W to E            |                           | 20 April, 17:54                   |                 |
|   |                                   | Recorded 3 bursts (10 to 15 each) of tracers from W to E |                           | 20 April, 17:56                   |                 |
|   | Recorded 1 undetermined explosion | 20 April, 18:02  |                           |                                   |                 |
|   | Recorded 1 undetermined explosion | 20 April, 18:04  |                           |                                   |                 |
|   | Recorded 1 undetermined explosion | 20 April, 18:05  |                           |                                   |                 |
|   | Recorded 1 undetermined explosion | 20 April, 18:07  |                           |                                   |                 |
|   | Recorded 1 undetermined explosion | 20 April, 18:08  |                           |                                   |                 |
| Avdiivka (government-   | 2-4km SE                          | Heard 23 undetermined explosions                         | N/K                       | 20 April, 10:00-10:30             |                 |

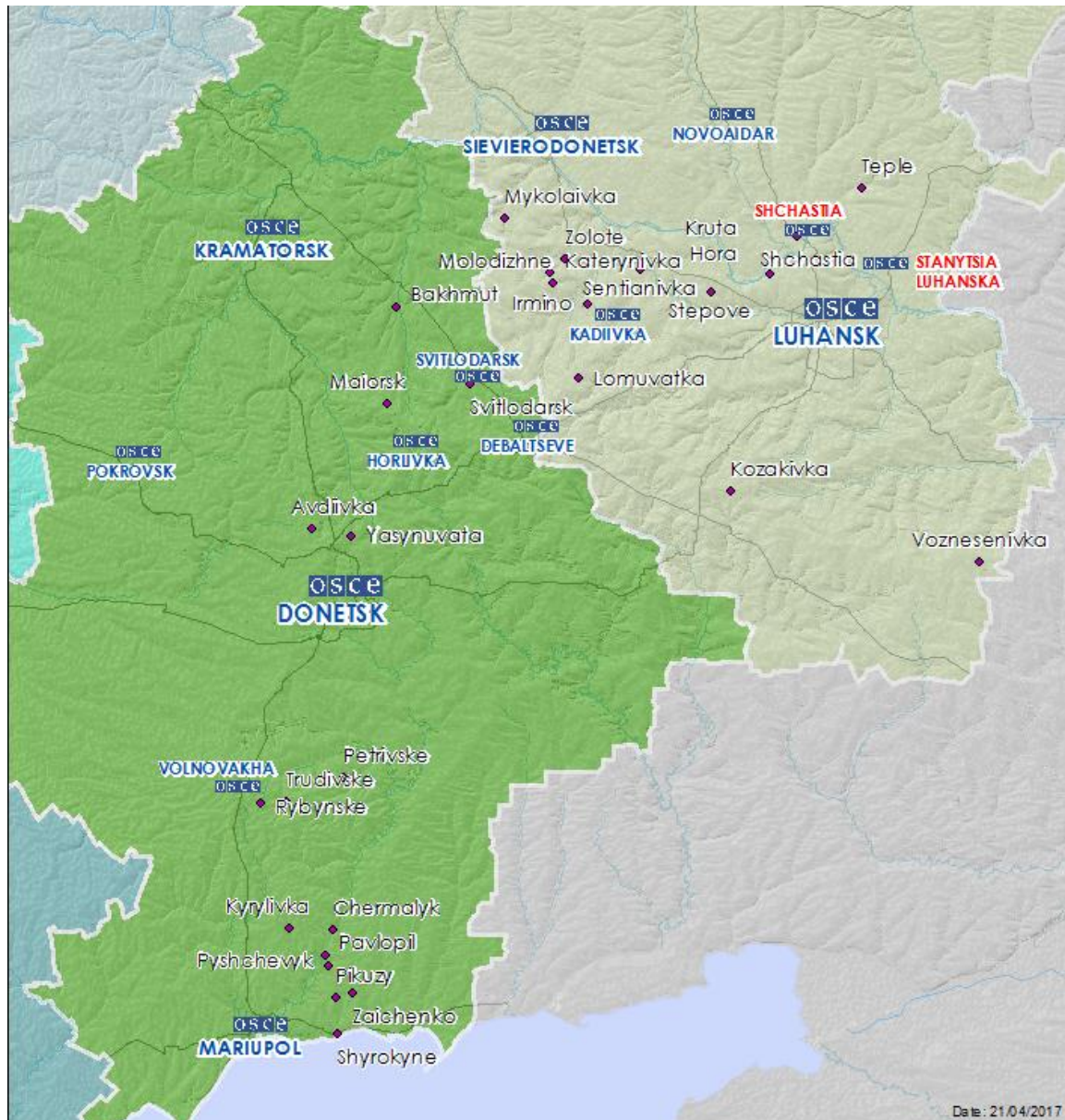
<sup>1</sup> The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors on the ground, and are not always necessarily precise. When information is not known (indicated with an “N/K”), the SMM was unable to ascertain such information due to distance, weather conditions and/or other considerations. Ceasefire violations recorded by more than one patrol and assessed to be the same are entered only once.

|   |                                  |  |            |                       |
|---|----------------------------------|--|------------|-----------------------|
| controlled, 17km N of Donetsk)                                    |                                  | Heard 35 bursts  | Small arms | 20 April, 10:00-10:30 |
|   |                                  | Heard 27 undetermined explosions   | N/K        | 20 April, 10:30-11:00 |
|   | 3-4km E                          | Heard 4 undetermined explosions  |            | 20 April, 10:30-11:00 |
|   | 2-3km E                          | Heard 5 undetermined explosions  |            | 20 April, 13:50       |
| Yasynuvata (“DPR”-controlled, 16km NE of Donetsk)                 | 3-5km W                          | Heard 10 undetermined explosions   | N/K        | 20 April, 10:03-10:31 |
|   |                                  | Heard 22 undetermined explosions   |            | 20 April, 10:33-10:50 |
|   | 4-5km NW                         | Heard 2 undetermined explosions  |            | 20 April, 11:19       |
|   | 2-5km SW                         | Heard 27 undetermined explosions   |            | 20 April, 11:39-11:59 |
|   | 2-5km SW                         | Heard 5 undetermined explosions  |            | 20 April, 12:02-12:28 |
|   | 2-5km W                          | Heard 1 undetermined explosion   |            | 20 April, 12:33       |
|   | 2-5km SW                         | Heard 1 undetermined explosion   |            | 20 April, 13:02       |
|   | 7-10km SW                        | Heard 1 undetermined explosion   |            | 20 April, 13:29       |
|   | 2-3km NW                         | Heard 2 undetermined explosion   |            | 20 April, 13:48       |
|   | 4-5km W                          | Heard 1 undetermined explosion   |            | 20 April, 13:51       |
|   | 2-5km N                          | Heard 2 undetermined explosions  |            | 20 April, 14:01       |
|   | 2-5km NW                         | Heard 20 undetermined explosions   |            | 20 April, 14:06-14:21 |
| Petrivske (“DPR”-controlled, 41km S of Donetsk)                   | 5-8km S                          | Heard 1 undetermined explosion (assessed as outside of the disengagement area) | N/K        | 20 April, 11:35       |
| Oktiabr mine, SMM camera location (9km NW of Donetsk city centre) | 4-6km ENE                        | Heard 4 undetermined explosions  | N/K        | 20 April, 10:04-10:15 |
|   |                                  | Heard 8 undetermined explosions  |            | 20 April, 10:22-10:32 |
|   | 4-6km E                          | Heard 2 undetermined explosions  |            | 20 April, 10:35-10:36 |
|   | 4-6km ENE                        | Heard 1 undetermined explosion   |            | 20 April, 10:40       |
|   | 4-6km NNE                        | Recorded 1 undetermined explosion  |            | 20 April, 17:14       |
| 3-4km NNE   | Recorded 1 airburst              | 20 April, 17:31  |            |                       |
| Svitlodarsk (government-controlled, 57km NE of Donetsk)           | 6-8km SW                         | Heard 2 undetermined explosion   | N/K        | 19 April, 18:29       |
|   |                                  | Heard 1 undetermined explosion   |            | 19 April, 18:38       |
|   | 8-10km SW                        | Heard 1 undetermined explosion   |            | 19 April, 18:57       |
|   | 6-8km SW                         | Heard 2 undetermined explosion   | N/K        | 19 April, 18:29       |
|   |                                  | Heard 1 undetermined explosion   |            | 19 April, 18:38       |
|   | 8-10km SW                        | Heard 1 undetermined explosion   |            | 19 April, 18:57       |
|   | 1km SE                           | Heard 7 shots  | Small arms | 20 April, 10:30       |
|   | 3-4km SW                         | Heard 20 bursts  | HMG        | 20 April, 15:20       |
|   | 10-15km SE                       | Heard 50 undetermined explosions   | N/K        | 20 April, 17:20-18:00 |
|   | 3-4km SE                         | Heard 15 bursts  | HMG        | 20 April, 17:45-18:00 |
| 3-5km SE  | Heard 70 bursts                  | N/K  |            | 20 April, 18:00-18:23 |
|   | Heard 68 undetermined explosions |  |            |                       |
| 2-3km SE  | Heard 1 airburst                 |  |            |                       |
| Maiorsk (government-controlled, 45km north-east of Donetsk)       | 3km E                            | Heard 3 undetermined explosions  | N/K        | 20 April, 11:05       |
| SMM camera in   | N/K N                            | Recorded 9 tracers from E to W   | NK         | 19 April, 20:19       |

|  |                               |   |                 |                       |                 |
|--|-------------------------------|---|-----------------|-----------------------|-----------------|
| Shyrokyne (20km E of Mariupol)   |                               | Recorded 8 tracers from E to W  |                 | 19 April, 20:20       |                 |
|  |                               | Recorded 9 tracers from E to W  |                 | 19 April, 20:22       |                 |
|  |                               | Recorded 2 tracers from E to W  |                 | 19 April, 20:23       |                 |
|  |                               | Recorded 1 tracer from E to W   |                 | 19 April, 20:25       |                 |
|  |                               | Recorded 1 undetermined explosion   |                 | 19 April, 20:31       |                 |
|  |                               | Recorded 10 tracers from E to W   |                 | 19 April, 20:34       |                 |
|  |                               | Recorded 8 tracers from E to W  |                 | 20 April, 01:35       |                 |
|  |                               | Recorded 2 tracer from W to E   |                 | 20 April, 01:36       |                 |
|  |                               | Recorded 4 tracers from E to W  |                 | 20 April, 01:38       |                 |
|  |                               | Recorded 3 tracer from E to W   |                 | 20 April, 01:40       |                 |
|  |                               | Recorded 4 tracers from E to W  |                 | 20 April, 01:42       |                 |
|  |                               | Recorded 2 tracers from W to E  |                 | 20 April, 01:43       |                 |
|  |                               | Recorded 10 tracers from W to E   |                 | 20 April, 01:45       |                 |
|  |                               | Recorded 11 tracers from W to E   |                 | 20 April, 01:46       |                 |
|  |                               | Recorded 8 tracers from E to W  |                 | 20 April, 01:47       |                 |
|  |                               | Recorded 5 tracers from E to W  |                 | 20 April, 01:49       |                 |
|  | Recorded 1 tracer from W to E |   | 20 April, 01:50 |                       |                 |
| Trudivske (government-controlled, 47km S of Donetsk)                           | N/K E                         | Heard 2 undetermined explosions   | N/K             | 20 April, 11:37-11:48 |                 |
|  | N/K S                         | Heard 1 undetermined explosion  |                 | 20 April, 12:25       |                 |
| Heard 1 undetermined explosion   |                               | 20 April, 12:49   |                 |                       |                 |
| 1km N of Zaichenko ("DPR"-controlled, 26km NE of Mariupol)                     | N/K W                         | Heard 1 undetermined explosion  | Small arms      | 20 April, 12:00-12:10 |                 |
|  | 1km SSE                       | Heard 2 shots   |                 | N/K                   | 20 April, 13:08 |
|  | N/K SSE                       | Heard 1 explosion   |                 |                       |                 |
| Pikuzy ("DPR"-controlled, 23km ENE of Mariupol)                                | 400m NNW                      | Heard 2 bursts  | Small arms      | 20 April, 12:40       |                 |
|  | 1km NW                        | Heard 3 bursts  |                 |                       |                 |
| 2.2km SE of Lebedynske (government-controlled, 16km ENE of Mariupol)           | N/K NE                        | Heard 2 shots   | AGL             | 20 April, 13:23       |                 |
|  | N/K NNE                       | Heard 20-30 shots   |                 | 20 April, 13:26-13:29 |                 |
|  |                               | Heard 15-20 shots   |                 | 20 April, 13:44-13:50 |                 |
| 5km W of Chermalyk (government-controlled, 31km NE of Mariupol)                | N/K SE                        | Heard 2 undetermined explosion  |                 | 20 April, 13:30       |                 |
| 2.2km NNW of Rybyske (government-controlled, 49km S of Donetsk)                | 8-15km S                      | Heard 9 undetermined explosions   | N/K             | 20 April, 13:10-14:03 |                 |
|  | 8-15km N                      | Heard 1 undetermined explosions   |                 | 20 April, 13:50       |                 |
| 2.1km SW of Pyshchevyk (government-controlled, 25km NE of Mariupol)            | N/K NNE                       | Heard 6-10 burst  | HMG             | 20 April, 14:23-14:30 |                 |
|  |                               | Heard 15-20 undetermined explosions   |                 |                       |                 |
|  | N/K SE                        | Heard 1 undetermined explosion  | N/K             | 20 April, 14:25       |                 |
| SMM camera in Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)   | 1.1km S                       | Recorded 1 signal flare (assessed as inside the disengagement area)             | Flare           | 19 April, 20:48       |                 |
| NE of Kruta Hora ("LPR"-controlled, 16km NW of Luhansk)                        | 0.5km E                       | Heard 1 undetermined explosion  | N/K             | 20 April, 10:00       |                 |
| Pervomaisk ("LPR"-controlled, 58km W of Luhansk)                               | 3km WSW                       | Heard 6 shots (assessed as outside the disengagement area)                      | Small arms      | 20 April, 10:02       |                 |
| 3km N of Pervomaisk ("LPR"-controlled, 60km W of Luhansk)                      | 3km W                         | Heard 30 undetermined explosions  | N/K             | 20 April, 13:56-14:10 |                 |
| N end of Stanytsia Luhanska bridge (government-controlled, 16km NE of Luhansk) | 20km SW                       | Heard 30-40 undetermined explosion (assessed as outside the disengagement area) | N/K             | 20 April, 11:10-11:30 |                 |

|  |            |  |                           |                       |
|--|------------|--|---------------------------|-----------------------|
| Kozakivka (“LPR”-controlled, 44km SW of Luhansk)                           | 8km+ E     | Heard 2 explosions (outgoing)  | N/K                       | 20 April, 11:30-11:38 |
| Sentianivka (formerly Frunze, (“LPR”-controlled, 44km W of Luhansk)        | 2-3km N    | Heard 94 shots   | IFV (BMP-2) cannon (30mm) | 20 April, 11:50-12:10 |
|  |            | Heard 75 explosions (impact)   |                           |                       |
| 1.4km E of Lomuvatka (“LPR”-controlled, 57km W of Luhansk)                 | 15km+ E    | Heard 7 undetermined explosions (assessed as live-fire exercise)               | N/K                       | 20 April, 12:27-12:40 |
| 1.1km W of T-junction to Molodizhne (“LPR”-controlled, 63km NW of Luhansk) | 10km SE    | Heard 1 undetermined explosion (assessed as outside the disengagement area)    |                           | 20 April, 12:23       |
|  |            | Heard 2 undetermined explosions (assessed as outside the disengagement area)   |                           | 20 April, 12:35-12:36 |
|  | 1.5km N    | Heard 3 explosions (outgoing)  |                           | 20 April, 12:26-12:42 |
|  | 1.5km NE   | Heard 3 explosions (impact)  |                           |                       |
| Sentianivka (formerly Frunze, (“LPR”-controlled, 44km W of Luhansk)        | 2.5km NNW  | Heard and saw 1 explosion (impact)   | Mortar (120mm)            | 20 April, 12:39       |
|  | 6km WNW    | Heard 54 undetermined explosions   | IFV (BMP-2) cannon        | 20 April, 12:50-13:20 |
| 0.8km E of Mykolaivka (government-controlled, 77km W of Luhansk)           | 10-15km SE | Heard 20 undetermined explosions   | N/K                       | 20 April, 12:57-13:30 |
|  | 10-15km SE | Heard 87 undetermined explosions   | N/K                       | 20 April, 14:03-14:17 |
| N of Zolote (government-controlled, 60km W of Luhansk)                     | 3-5km SW   | Heard 6 explosions   | N/K                       | 20 April, 13:22-13:30 |
| Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)             | 3-5km NW   | Heard 50 explosions (outgoing)   | Mortar (82 mm)            | 20 April, 14:15-14:30 |
|  |            | Heard 6-7 explosions (impact)  |                           |                       |
|  | 1-2km NW   | Heard 10-15 bursts (3-5shots per burst)  | Small arms, HMG           |                       |
| Zolote (government-controlled, 60km W of Luhansk)                          | 3-5km SW   | Heard 200 undetermined explosions (assessed as outside the disengagement area) | N/K                       | 20 April, 14:00-14:20 |
|  |            | Heard 20 explosions (assessed as outside the disengagement area)               | Mortar (type N/K)         | 20 April, 14:20-14:30 |
| NW edge of Zolote (government-controlled, 60km W of Luhansk)               | 5-6km SW   | Heard 10 undetermined explosions (assessed as outside the disengagement area)  | N/K                       | 20 April, 17:00       |
|  | 6km SW     | Heard 2 undetermined explosions (assessed as outside the disengagement area)   |                           | 20 April, 17:13       |
|  |            | Heard 3 undetermined explosions (assessed as outside the disengagement area)   |                           | 20 April, 17:21       |

## Map of Donetsk and Luhansk regions<sup>2</sup>



<sup>2</sup> The SMM is deployed to ten locations throughout Ukraine – Kherson, Odessa, Lviv, Ivano-Frankivsk, Kharkiv, Donetsk, Dnipro, Chernivtsi, Luhansk and Kyiv – as per Permanent Council Decision 1117 of 21 March 2014. This map of eastern Ukraine is meant for illustrative purposes and indicates locations mentioned in the report, as well as those where the SMM has offices (monitoring teams, patrol hubs, and forward patrol bases) in Donetsk and Luhansk regions. (In red: forward patrol bases from which SMM staff has temporarily relocated since 27 September based on recommendations of security experts from participating States.)