

**Table of ceasefire violations as of 7 December 2017<sup>1</sup>**

| SMM position  | Location of event                                   | Observation   | Type of weapon/ammunition    | Date/time         |                   |
|---|---|---|------------------------------|-------------------|-------------------|
| SMM camera in Petrivske (“DPR”-controlled, 41km S of Donetsk) | N/K SW  | Recorded 13 tracers from W to E (unable to assess whether inside or outside of disengagement area)    | N/K                          | 5 December, 21:34 |                   |
|   |   | Recorded 43 tracers from W to E (unable to assess whether inside or outside of disengagement area)    |                              | 5 December, 21:38 |                   |
|   |   | Recorded 7 bursts from E to W (unable to assess whether inside or outside of disengagement area)      | HMG                          |                   |                   |
|   | N/K S, SSE  | Recorded 23 tracers from W to E (unable to assess whether inside or outside of disengagement area)    |                              | 5 December, 21:43 |                   |
|   |   | Recorded 1tracer from N to S (unable to assess whether inside or outside of disengagement area)       |                              |                   |                   |
|   |   | Recorded 2 undetermined explosions (unable to assess whether inside or outside of disengagement area) |                              |                   |                   |
|   | N/K SSE   | Recorded 1 tracer from W to E (unable to assess whether inside or outside of disengagement area)      | N/K                          | 6 December, 02:08 |                   |
|   |   | Recorded 4 undetermined explosions (unable to assess whether inside or outside of disengagement area) |                              | 6 December, 02:12 |                   |
|   | N/K SSW   | Recorded 1 undetermined explosion (unable to assess whether inside or outside of disengagement area)  |                              | 6 December, 02:16 |                   |
|   | N/K SSE   | Recorded 1 undetermined explosion (unable to assess whether inside or outside of disengagement area)  |                              | 6 December, 02:30 |                   |
|   |   | Recorded 2 undetermined explosions (unable to assess whether inside or outside of disengagement area) |                              | 6 December, 03:22 |                   |
|   |   | Recorded 2 tracers from W to E (unable to assess whether inside or outside of disengagement area)     |                              | 6 December, 03:36 |                   |
|   | SMM camera 1km SW of Shyrokyne (20km E of Mariupol) | 5-8km N   | Recorded 1 projectile W to E | N/K               | 6 December, 20:16 |
|   |   |   | Recorded 1 projectile W to E |                   | 6 December, 20:50 |
|   |   |   | Recorded 1 projectile W to E |                   | 6 December, 21:46 |
| Recorded 4 projectiles E to W                                 |   |   | 6 December, 22:33            |                   |                   |

<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.

|   |             |                                     |     |                   |
|---|-------------|-------------------------------------|-----|-------------------|
|   |             | Recorded 2 projectiles E to W       |     | 6 December, 23:20 |
|   |             | Recorded 2 projectiles E to W       |     | 6 December, 23:21 |
| SMM camera in Avdiivka (government-controlled, 17km N of Donetsk) | 3-5km ESE   | Recorded 4 undetermined explosions  | N/K | 7 December, 16:03 |
|   |             | Recorded 1 undetermined explosion   |     | 7 December, 16:05 |
|   |             | Recorded 1 projectile from E to W   |     | 7 December, 16:06 |
|   |             | Recorded 1 undetermined explosion   |     | 7 December, 18:13 |
| SMM camera at Donetsk Filtration Station (15km N of Donetsk)      | 0.5-1.5km S | Recorded 1 undetermined explosion   | N/K | 6 December, 20:04 |
|   |             | Recorded 1 undetermined explosion   |     | 6 December, 20:06 |
|   |             | Recorded 5 tracers from W to E      |     | 6 December, 20:21 |
|   |             | Recorded 14 tracers from E to W     |     | 6 December, 20:29 |
|   |             | Recorded 4 projectiles from E to W  |     | 6 December, 21:09 |
|   |             | Recorded 4 undetermined explosions  |     | 6 December, 21:30 |
|   |             | Recorded 4 undetermined explosions  |     | 6 December, 21:43 |
|   |             | Recorded 3 projectiles from W to E  |     | 6 December, 21:44 |
|   |             | Recorded 2 undetermined explosions  |     | 6 December, 21:46 |
|   |             | Recorded 1 undetermined explosion   |     | 6 December, 21:47 |
|   |             | Recorded 2 tracers from E to W      |     | 6 December, 21:47 |
|   |             | Recorded 3 tracers from W to E      |     | 6 December, 21:47 |
|   |             | Recorded 1 projectile from W to E   |     | 6 December, 22:16 |
|   |             | Recorded 11 projectiles from E to W |     | 6 December, 22:58 |
|   |             | Recorded 2 undetermined explosions  |     | 6 December, 22:59 |
|   |             | Recorded 10 projectiles from E to W |     | 6 December, 22:59 |
|   |             | Recorded 2 undetermined explosions  |     | 6 December, 23:05 |
|   |             | Recorded 2 undetermined explosions  |     | 6 December, 23:05 |
|   |             | Recorded 3 projectiles from E to W  |     | 6 December, 23:05 |
|   |             | Recorded 3 undetermined explosions  |     | 6 December, 23:07 |
|   |             | Recorded 15 projectiles from E to W |     | 6 December, 23:07 |
|   |             | Recorded 1 projectile from W to E   |     | 6 December, 23:12 |
|   |             | Recorded 3 undetermined explosions  |     | 6 December, 23:17 |
|   |             | Recorded 17 projectiles from E to W |     | 6 December, 23:17 |
|   |             | Recorded 4 projectiles from E to W  |     | 6 December, 23:37 |
|   |             | Recorded 3 projectiles from E to W  |     | 6 December, 23:38 |
|   |             | Recorded 1 undetermined explosion   |     | 6 December, 23:38 |
|   |             | Recorded 4 projectiles from E to W  |     | 6 December, 23:39 |
|   |             | Recorded 3 projectiles from E to W  |     | 6 December, 23:40 |
|   |             | Recorded 3 projectiles from E to W  |     | 6 December, 23:41 |

|  |  |                                     |                   |
|--|--|-------------------------------------|-------------------|
|  |  | W                                   |                   |
|  |  | Recorded 1 undetermined explosion   |                   |
|  |  | Recorded 2 undetermined explosions  | 6 December, 23:42 |
|  |  | Recorded 6 projectiles from E to W  |                   |
|  |  | Recorded 1 undetermined explosion   | 6 December, 23:43 |
|  |  | Recorded 1 undetermined explosion   | 7 December, 00:09 |
|  |  | Recorded 4 tracers from E to W      | 7 December, 00:16 |
|  |  | Recorded 4 projectiles from E to W  | 7 December, 00:17 |
|  |  | Recorded 7 projectiles from E to W  | 7 December, 00:18 |
|  |  | Recorded 2 projectiles from E to W  | 7 December, 00:21 |
|  |  | Recorded 1 undetermined explosion   | 7 December, 01:20 |
|  |  | Recorded 3 projectiles from E to W  | 7 December, 01:32 |
|  |  | Recorded 2 projectiles from E to W  | 7 December, 01:47 |
|  |  | Recorded 2 projectiles from E to W  | 7 December, 01:48 |
|  |  | Recorded 1 undetermined explosion   | 7 December, 01:48 |
|  |  | Recorded 1 projectile from E to W   | 7 December, 01:52 |
|  |  | Recorded 1 projectile from E to W   | 7 December, 01:54 |
|  |  | Recorded 1 undetermined explosion   | 7 December, 01:55 |
|  |  | Recorded 1 projectile from E to W   |                   |
|  |  | Recorded 1 undetermined explosion   | 7 December, 02:22 |
|  |  | Recorded 7 projectiles from W to E  |                   |
|  |  | Recorded 1 projectile from E to W   | 7 December, 02:23 |
|  |  | Recorded 8 projectiles from W to E  |                   |
|  |  | Recorded 2 projectiles from W to E  | 7 December, 02:26 |
|  |  | Recorded 4 projectiles from W to E  | 7 December, 02:28 |
|  |  | Recorded 14 projectiles from W to E | 7 December, 02:37 |
|  |  | Recorded 2 projectiles from W to E  | 7 December, 02:39 |
|  |  | Recorded 16 projectiles from W to E | 7 December, 02:48 |
|  |  | Recorded 5 projectiles from W to E  | 7 December, 02:49 |
|  |  | Recorded 7 projectiles from W to E  | 7 December, 02:50 |
|  |  | Recorded 1 undetermined explosion   |                   |
|  |  | Recorded 4 projectiles from E to W  | 7 December, 03:04 |
|  |  | Recorded 3 projectiles from W to E  |                   |
|  |  | Recorded 1 projectile from W to     | 7 December, 03:05 |

|             |  |                                    |                   |                                    |
|-------------|--|------------------------------------|-------------------|------------------------------------|
|             |  | E                                  |                   |                                    |
|             |  | Recorded 2 undetermined explosions |                   | 7 December, 03:58                  |
|             |  | Recorded 1 projectile from W to E  |                   | 7 December, 04:34                  |
|             |  | Recorded 1 projectile from W to E  |                   | 7 December, 04:37                  |
|             |  | Recorded 2 projectiles from W to E |                   | 7 December, 04:59                  |
|             |  | Recorded 5 projectiles from W to E |                   | 7 December, 05:13                  |
|             |  | Recorded 1 projectile from W to E  |                   | 7 December, 05:27                  |
|             |  | Recorded 1 projectile from W to E  |                   | 7 December, 05:28                  |
|             |  | Recorded 1 projectile from W to E  |                   | 7 December, 05:32                  |
|             |  | Recorded 1 undetermined explosion  |                   | 7 December, 05:34                  |
|             |  | Recorded 1 projectile from W to E  |                   | 7 December, 05:36                  |
|             |  | Recorded 1 projectile from W to E  |                   | 7 December, 05:41                  |
|             |  | Recorded 1 projectile from W to E  |                   | 7 December, 05:55                  |
|             |  | Recorded 1 undetermined explosion  |                   | 7 December, 15:59                  |
|             |  | 1.5-3km S                          |                   | Recorded 2 undetermined explosions |
|             | Recorded 2 projectiles from W to E                                   |                                    | 7 December, 16:03 |                                    |
|             | Recorded 1 undetermined explosion                                    |                                    | 7 December, 16:04 |                                    |
|             | Recorded 1 undetermined explosion                                    |                                    | 7 December, 16:06 |                                    |
|             | Recorded 1 undetermined explosion                                    |                                    | 7 December, 16:07 |                                    |
|             | Recorded 1 projectile from W to E                                    |                                    | 7 December, 16:12 |                                    |
|             | Recorded 1 undetermined explosion                                    |                                    | 7 December, 17:11 |                                    |
|             | Recorded 1 projectile from N to S                                    |                                    | 7 December, 17:13 |                                    |
|             | Recorded 1 projectile from N to S                                    |                                    | 7 December, 17:46 |                                    |
|             | Recorded 1 undetermined explosion                                    |                                    | 7 December, 18:25 |                                    |
|             | Railway station in Yasynuvata ("DPR"-controlled, 16km NE of Donetsk) | 3-5km NW                           | Heard 4 bursts    | HMG                                |
| 2-4km W, NW |  | Heard 15 shots                     | Small arms        | 7 December, 09:40-10:00            |
| 2-4km W     |  | Heard 2 undetermined explosions    | N/K               |                                    |
| 1.5km WNW   |  | Heard 20 bursts                    | Small arms        | 7 December, 10:07-10:30            |
|             |  | Heard 4 shots                      |                   |                                    |
| 2-3km WNW   |  | Heard 1 undetermined explosion     | N/K               |                                    |
| 2km WSW     | Heard 1 burst  | Small arms                         |                   |                                    |
|             | Heard 1 undetermined explosion                                       | N/K                                |                   |                                    |

|   |                                  |   |  |                         |
|---|----------------------------------|---|--|-------------------------|
|   | 2km W                            | Heard 15 undetermined explosions        |  | 7 December, 10:35-11:00 |
|   |                                  | Heard 9 bursts                          | HMG  |                         |
|   |                                  | Heard 2 bursts                          | Small arms   |                         |
|   | 2-3km W                          | Heard 6 undetermined explosions         |  |                         |
|   | 1-2km WNW                        | Heard 1 undetermined explosion          | N/K  |                         |
|   | 2-3km W                          | Heard 25 bursts                         | Small arms   |                         |
|   | 2-3km N                          | Heard 2 undetermined explosions         |  |                         |
|   | 2-3km WNW                        | Heard 1 undetermined explosion          | N/K  |                         |
|   | 2-3km W                          | Heard 8 shots                           | Small arms   |                         |
|   | 3-4km W                          | Heard 2 undetermined explosions         |  |                         |
|   | 2-4km W                          | Heard 9 undetermined explosions         | N/K  |                         |
|   |                                  | Heard 10 bursts                         | Small arms   |                         |
|   | 2-3km W                          | Heard 9 undetermined explosions         | N/K  |                         |
|   | 1.5km W                          | Heard 15 bursts                         | Small arms   |                         |
| 2km NW  | Heard 2 undetermined explosions  |   |  |                         |
| 2km WSW   | Heard 4 undetermined explosions  | N/K                                     |  |                         |
|   | Heard and saw 1 airburst         |   |  |                         |
| SW edge of Yasynuvata ("DPR"-controlled, 16km NE of Donetsk)                                | 2-3km W                          | Heard 6 undetermined explosions         | N/K  | 7 December, 13:12-13:25 |
|   |                                  | Heard 5 bursts                          | Small arms   |                         |
|   | 3-5km W                          | Heard 3 undetermined explosions         | N/K  | 7 December, 13:30-13:58 |
|   | 3-5km WSW                        | Heard 16 bursts                         |  |                         |
|   |                                  | Heard 12 shots                          | Small arms   |                         |
|   |                                  | Heard 2 undetermined explosions         |  |                         |
|   | 3-4km WNW                        | Heard 1 undetermined explosion          | N/K  |                         |
|   | 3-4km W                          | Heard 2 undetermined explosions         |  |                         |
|   |                                  | Heard 16 bursts                         | Small arms   |                         |
|   | 2-3km SW                         | Heard 20 undetermined explosions        | N/K  | 7 December, 14:04-14:19 |
|   | 1km SW                           | Heard 20 shots                          |  |                         |
|   |                                  | Heard 2 bursts                          | Small arms   |                         |
|   | 2-3km SW                         | Heard 2 undetermined explosions         |  |                         |
|   | 2km SW                           | Heard 12 undetermined explosions        | N/K  | 7 December, 14:20-14:33 |
| 1km SW  | Heard 8 shots                    |   |  |                         |
|   | Heard 18 bursts                  | Small arms                              |  |                         |
| 2-3km W   | Heard 14 undetermined explosions | N/K                                     | 7 December, 14:34-14:59                                  |                         |
| SW edge of Avdiivka (government-controlled, 17km N of Donetsk)                              | 3-4km E                          | Heard 2 undetermined explosions         | N/K  | 7 December, 10:17-10:39 |
|   | 3-4km S                          | Heard 3 undetermined explosions         |  | 7 December, 10:55-11:07 |
|   |                                  | Heard 3 shots                           | Small arms   |                         |
|   | 3-5km ESE                        | Heard 1 undetermined explosion          | N/K  | 7 December, 11:41       |
| 2-3km S   | Heard 36 shots                   | IFV (BMP-2) cannon (30mm)               | 7 December, 14:23-14:46                                  |                         |
|   | Heard 22 bursts                  | HMG                                     |  |                         |
| Donetsk central railway station ("DPR"-controlled, 6km NW of Donetsk city centre)           | 1km NW                           | Heard 2 undetermined explosions         |  | 7 December, 14:53-15:04 |
|   | 1-2km NW                         | Heard 1 undetermined explosion          |  |                         |
|   | 1-2km WNW                        | Heard 1 undetermined explosion          | N/K  |                         |
|   | 1-2km NW                         | Heard 1 undetermined explosion          |  |                         |
| 1km NNW of entry-exit checkpoint near Pyshevyk (government-controlled, 25km NE of Mariupol) | 1km NE                           | Heard 2 explosions (outgoing)           |  | 7 December, 14:17-14:20 |
|   | 2-3km NE                         | Heard 2 subsequent explosions (impacts) | N/K  |                         |
| 3km SE of Volnovakha (government-controlled, 53km S of Donetsk)                             | N/K ENE                          | Heard at least 30 bursts                | Anti-aircraft cannon (ZU-23, 23mm) or IFV (BMP-2) cannon | 7 December, 16:40-17:15 |
|   |                                  | Heard at least 30 bursts                | HMG  |                         |
| NW edge of Horlivka   | 2-4km W                          | Heard 6 undetermined explosions         | N/K  | 7 December, 09:26       |

|  |          |   |                           |  |
|--|----------|---|---------------------------|--|
| ("DPR"-controlled, 39km NE of Donetsk)                                   | 2-3km SW | Heard 1 burst<br>Heard 1 undetermined explosion                             | Small arms<br>N/K         | 7 December, 10:24<br>7 December, 10:43 |
|  | 2-4km SW | Heard 1 undetermined explosion  | N/K                       | 7 December, 10:43                      |
| Svitlodarsk (government-controlled, 57km NE of Donetsk)                  | 3-5km SE | Heard 7 bursts  | HMG                       | 6 December, 19:27                      |
|  |          | Heard 1 undetermined explosion  | N/K                       | 6 December, 19:29                      |
|  |          | Heard 6 shots   | Small arms                | 6 December, 20:02                      |
|  |          | Heard 2 explosions (outgoing)   | IFV (BMP-1) cannon (73mm) | 6 December, 20:16                      |
|  |          | Heard 8 bursts  | Small arms                | 6 December, 20:17                      |
|  |          | Heard 5 shots   | HMG                       | 6 December, 20:18                      |
|  |          | Heard 2 explosions (outgoing)   | IFV (BMP-1) cannon        | 6 December, 21:18                      |
|  |          | Heard 4 bursts  | HMG                       | 6 December, 21:49                      |
| N edge of Popasna (government-controlled, 69km W of Luhansk)             | 4-5km SE | Heard at least 100 explosions (outgoing)                                    | Mortar (type N/K)         | 6 December, 19:03-20:50                |
|  |          |   |                           |  |
| E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk) | 3km SW   | Heard 1 undetermined explosion (assessed as outside the disengagement area) | N/K                       | 7 December, 03:12                      |
|  |          | Heard 1 undetermined explosion (assessed as outside the disengagement area) |                           | 7 December, 03:14                      |
|  | 2-3km SW | Heard 20 shots (assessed as outside the disengagement area)                 | Small arms                | 7 December, 03:33                      |
| Vesela Hora ("LPR"-controlled, 16km N of Luhansk)                        | 15km NNW | Heard 11 undetermined explosions  | N/K                       | 7 December, 10:50                      |
| 3km SE of Bobrove (government-controlled, 56km NW of Luhansk)            | 7km SW   | Heard 9 undetermined explosions   | N/K                       | 7 December, 10:58-11:15                |
| Smile ("LPR"-controlled, 31km NW of Luhansk)                             | 5-6km N  | Heard 1 undetermined explosion  | N/K                       | 7 December, 11:53                      |

## 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 base from which SMM staff has temporarily relocated since 27 September 2016 based on recommendations of security experts from participating States.)