|                     | event<br>3-5km E | Heard 25 shots                                     | weapon/ammunition |  |
|---------------------|------------------|--|-------------------|--|
|                     | 3-5km E          | 110aru 23 511015                                   | Small arms        | 17 January, 18:18                      |
| -                   |                  | Heard 11 bursts                                    | HMG               | 17 January, 18:22                      |
|                     |                  | Heard 8 bursts                                     |                   | 17 January, 18:30                      |
|                     | 2-4km SE         | Heard 11 bursts                                    |                   | 17 January, 18:35                      |
|                     |                  | Heard 46 bursts                                    | - Small arms      | 17 January, 18:42                      |
|                     |                  | Heard 22 bursts                                    |                   | 17 January, 18:48                      |
|                     |                  | Heard 5 shots                                      | _                 | 17 January, 18:50                      |
|                     |                  | Heard 3 bursts                                     |                   | 17 January, 18:54                      |
|                     |                  | Heard 26 bursts                                    | HMG               | 17 January, 19:19                      |
|                     |                  | Heard 37 bursts                                    |                   | 17 January, 19:22                      |
|                     |                  | Heard 15 bursts                                    |                   | 17 January, 19:26                      |
|                     |                  | Heard 15 shots                                     | - Small arms      | 17 January, 20:01                      |
|                     | 3-5km E          | Heard 9 shots                                      | _                 | 17 January, 20:12                      |
|                     |                  | Heard 8 bursts                                     | _                 | 17 January, 20:16                      |
|                     |                  | Heard 14 bursts                                    | ID (C             | 17 January, 20:18                      |
|                     |                  | Heard 15 bursts                                    | HMG               | 17 January, 20:21                      |
|                     |                  | Heard 2 undetermined explosions                    | N/K               | 17 January, 20:22                      |
|                     |                  | Heard 8 bursts                                     | Small arms        | 17 January, 20:25                      |
|                     |                  | Heard 15 bursts<br>Heard 4 undetermined explosions | HMG<br>N/K        | 17 January, 20:31                      |
|                     |                  | *  |                   | 17 January 20:25                       |
| -                   | 2-4km SE         | Heard 11 bursts<br>Heard 1 undetermined explosion  | Small arms<br>N/K | 17 January, 20:35<br>17 January, 20:40 |
| -                   | 2-4KIII SE       |  |                   | -                                      |
|                     | 3-5km E          | Heard 9 bursts                                     | HMG<br>Small arms | 17 January, 20:42                      |
| Svitlodarsk         |                  | Heard 6 bursts                                     | Small arms        | 17 January, 20:45<br>17 January, 20:46 |
| (government-        | 2-4km SE         | Heard 2 bursts<br>Heard 6 bursts                   | HMG               | 17 January, 20:46                      |
| controlled, 57km NE |                  | Heard 15 shots                                     | Small arms        | 17 January, 20:53                      |
| of Donetsk)         |                  | Heard 9 bursts                                     | HMG               | 17 January, 20:33                      |
|                     |                  | Heard 6 bursts                                     | Small arms        | 17 January, 21:04                      |
|                     | 3-5km E          | Heard 12 bursts                                    | HMG               | 17 January, 21:07-21:10                |
|                     |                  | Heard 6 bursts                                     | ~                 | 17 January, 21:13                      |
|                     |                  | Heard 23 shots                                     | Small arms        | 17 January, 21:15                      |
|                     |                  | Heard 19 bursts                                    | HMG               | 17 January, 20:17-21:20                |
|                     |                  | Heard 6 undetermined explosions                    | N/K               | 17 January, 21:25                      |
|                     | 2-4km SE         | Heard 9 bursts                                     | HMG               | 17 January, 21:40                      |
|                     |                  | Heard 6 bursts                                     |                   | 17 January, 21:43                      |
| -                   | 3-5km E          | Heard 22 bursts                                    |                   | 17 January, 22:05-22:08                |
| -                   | 2-4km SE         | Heard 16 bursts                                    | Small arms        | -                                      |
| -                   | 2-4KIII SE       |  |                   | 17 January, 22:12-22:15                |
|                     | 3-5km E          | Heard 9 shots                                      | HMG<br>Small arms | 17 January, 22:23                      |
|                     |                  | Heard 9 bursts                                     |                   | 17 January, 22:25                      |
| _                   |                  | Heard 3 bursts                                     |                   | 17 January, 22:29                      |
|                     | 2-4km SE         | Heard 26 bursts                                    |                   | 17 January, 22:34-22:39                |
|                     |                  | Heard 37 bursts                                    |                   | 17 January, 22.34-22.39                |
|                     |                  | Heard 7 undetermined explosions                    | N/K               | 17 January, 22:50                      |
| Ī                   | 3-5km E          | Heard 15 shots                                     | Small arms        | 17 January, 22:54                      |
|                     |                  | Heard 9 shots                                      |                   | 17 January, 23:02                      |
|                     |                  | Heard 8 bursts                                     | HMG               | 17 January, 23:04                      |
|                     |                  | Heard 14 bursts                                    |                   | 17 January, 23:07-23:09                |

## Table of ceasefire violations as of 18 January 2018<sup>1</sup>

<sup>&</sup>lt;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.

|                                     | 2-4km SE    | Heard 15 bursts                     | Small arms   | 17 January, 23:15       |
|-------------------------------------|-------------|-------------------------------------|--|-------------------------|
|                                     | 3-5km E     | Heard 2 undetermined explosions     | N/K  | 17 January, 23:24       |
|                                     | 2-4km SE    | Heard 8 bursts                      | HMG  | - 17 January, 23:25     |
|                                     |             | Heard 2 undetermined explosions     | N/K  | 17 January, 25.25       |
|                                     | 3-5km E     | Heard 23 bursts                     | HMG  | 17 January, 23:27-23:29 |
|                                     |             | Heard 2 undetermined explosions     | N/K  | 17 January, 23:30       |
|                                     | 2-4km SE    | Heard 15 bursts                     | HMG  | 17 January, 23:43       |
| 2                                   | 2-4km N/K   | Heard 15 explosions (impacts)       | N/K  | 18 January, 13:00       |
|                                     |             | Recorded 2 projectiles from W to E  | _  | 17 January, 19:00       |
|                                     |             | Recorded 1 undetermined explosion   |  | 17 January, 19:14       |
|                                     |             | Recorded 2 undetermined explosions  | -  | 17 January, 19:31       |
|                                     |             | Recorded 2 undetermined explosions  |  | 17 January, 19:33       |
|                                     |             | Recorded 2 undetermined explosions  | _  | 17 January, 19:36       |
|                                     |             | Recorded 1 undetermined explosion   |  | 17 January, 19:37       |
|                                     |             | Recorded 1 undetermined explosion   |  | 17 January, 21:12       |
|                                     |             | Recorded 5 undetermined explosions  |  | 17 January, 21:13       |
|                                     |             | Recorded 1 undetermined explosion   |  | 17 January, 21:15       |
|                                     |             | Recorded 4 undetermined explosions  |  | 17 January, 21:16       |
|                                     |             | Recorded 1 undetermined explosion   |  | 17 January, 21:17       |
|                                     |             | Recorded 2 undetermined explosions  |  | 17 January, 21:20       |
|                                     | 0.5-1.5km S | Recorded 1 undetermined explosion   |  | 17 January, 21:21       |
|                                     |             | Recorded 3 undetermined explosions  |  | 17 January, 21:23       |
|                                     |             | Recorded 1 projectile from W to E   |  |                         |
|                                     |             | Recorded 1 undetermined explosion   | N/K 17 Jau<br>17 Jau<br>18 Jau<br>18 Jau<br>18 Jau<br>18 Jau<br>18 Jau | 17 January, 21:24       |
| SMM camera at<br>Donetsk Filtration |             | Recorded 2 undetermined explosions  |  | 17 January, 21:31       |
| Station (15km N of Donetsk)         |             | Recorded 1 projectile from W to E   |  | 17 January, 21.51       |
| Donetsky                            |             | Recorded 1 undetermined explosion   |  | 17 January, 21:32       |
|                                     |             | Recorded 2 undetermined explosions  |  | 17 January, 21:35       |
|                                     |             | Recorded 4 undetermined explosions  |  | 17 January, 21:36       |
|                                     |             | Recorded 1 undetermined explosion   |  | 17 January, 21:38       |
|                                     |             | Recorded 9 projectiles from W to E  |  | 17 January, 21:40       |
|                                     |             | Recorded 2 undetermined explosions  |  | 17 January, 21:41       |
|                                     |             | Recorded 1 undetermined explosion   |  | 17 January, 21:42       |
|                                     |             | Recorded 10 projectiles from W to E |  | 17 January, 21:44       |
|                                     |             | Recorded 1 projectile from E to W   |  | 18 January, 00:00       |
|                                     |             | Recorded 1 undetermined explosion   |  | 18 January, 00:03       |
|                                     |             | Recorded 1 undetermined explosion   |  |                         |
|                                     |             | Recorded 3 projectiles from W to E  |  | 18 January, 00:04       |
|                                     |             | Recorded 1 undetermined explosion   |  | 18 January, 00:29       |
|                                     |             | Recorded 1 projectile from E to W   |  | 18 January, 00:41       |
|                                     |             | Recorded 1 undetermined explosion   |  | 18 January, 00:42       |
|                                     |             | Recorded 39 projectiles from W to E |  | 18 January, 00:44       |

|  |                       | 1   |            | <b></b>  |
|--|-----------------------|---|------------|--|
|  |                       | Recorded 14 projectiles from W to E                 |            | 18 January, 00:45                                  |
|  |                       | Recorded 4 projectiles from W to E                  |            | 18 January, 00:46                                  |
|  |                       | Recorded 1 undetermined explosion                   |            | 18 January, 01:27                                  |
|  |                       | Recorded 5 projectiles from W to E                  |            | 18 January, 02:03                                  |
|  |                       | Recorded 1 undetermined explosion                   |            | 18 January, 02:12                                  |
|  |                       | Recorded 1 projectile from W to E                   | -          | 18 January, 02:28                                  |
|  |                       | Recorded 6 projectiles from W to E                  | -          | 18 January, 02:38                                  |
|  |                       | Recorded 2 projectiles from W to E                  | -          |  |
|  |                       | Recorded 1 illumination flare in<br>vertical flight | -          | 18 January, 02:55                                  |
|  |                       | Recorded 4 undetermined explosions                  |            | 18 January, 02:56                                  |
|  |                       | Recorded 1 undetermined explosion                   |            | 18 January, 03:07                                  |
|  |                       | Recorded 3 undetermined explosions                  |            | 18 January, 03:08                                  |
|  |                       | Recorded 1 undetermined explosion                   | -          |  |
|  |                       | Recorded 1 projectile from W to E                   | -          | 18 January, 03:09                                  |
|  |                       | Recorded 6 projectiles from W to E                  | -          | 18 January, 04:09                                  |
|  |                       | Recorded 4 projectiles from W to E                  |            |  |
|  |                       |   | -          | 18 January, 05:03                                  |
|  |                       | Recorded 1 undetermined explosion                   | -          | 18 January, 05:07                                  |
|  |                       | Recorded 2 projectiles from W to E                  | -          | 18 January, 05:17                                  |
|  |                       | Recorded 1 projectile from W to E                   | -          | 18 January, 05:20                                  |
|  |                       | Recorded 2 projectiles from W to E                  | -          | 18 January, 06:48                                  |
|  |                       | Recorded 1 undetermined explosion                   |            | 18 January, 16:48                                  |
|  |                       | Recorded 4 projectiles from E to W                  |            | 18 January, 17:54                                  |
| SMM camera in  | 4-6km SE              | Recorded 2 undetermined explosions                  |            | 17 January, 19:31                                  |
| Avdiivka   |                       | Recorded 2 undetermined explosions                  | - N/K      | 17 January, 19:33                                  |
| (government-<br>controlled, 17km N   |                       | Recorded 2 undetermined explosions                  |            | 17 January, 19:36                                  |
| of Donetsk)  |                       | Recorded 1 projectile from N to S                   |            | 17 January, 21:21                                  |
| Debaltseve ("DPR"-<br>controlled, 58km NE<br>of Donetsk)   | 6-8km WSW             | Heard 23 undetermined explosions                    | N/K        | 17 January, 21:53-22:10                            |
| SMM camera at<br>entry-exit checkpoint<br>in Maiorsk<br>(government-<br>controlled, 45km NE<br>of Donetsk) | N/K                   | Recorded 1 explosion (impact)                       | N/K        | 18 January, 05:35                                  |
|  | 2-4km W               | Heard 1 undetermined explosion                      | N/W        | 18 January, 09:21                                  |
| Railway station in   | 4-6km W               | Heard 1 undetermined explosion                      | N/K        | 18 January, 09:55                                  |
| Yasynuvata ("DPR"-<br>controlled, 16km NE  | 2-4km W               | Heard 5 bursts                                      | Small arms | 18 January, 11:03                                  |
| of Donetsk)  | 2-4km WSW             | Heard 5 undetermined explosions                     | N/K        | 18 January, 11:05-11:13                            |
|  | 2-4km WNW<br>2-4km NW | Heard 2 undetermined explosions<br>Heard 5 shots    | Small arms | 18 January, 11:32<br>18 January, 11:43-11:58       |
|  | 2-4km NW<br>2-4km ESE | Heard 5 shots<br>Heard 6 bursts                     | HMG        | 18 January, 11:43-11:58<br>18 January, 09:23-09:26 |
| SW edge of   |                       | Heard 1 undetermined explosion                      | N/K        | 18 January, 09:36                                  |
| Avdiivka   | 3-5km ESE             | Heard 8 bursts                                      | HMG        | 18 January, 09:38                                  |
| (government-   | 2 0.111 1.512         | Heard 1 undetermined explosion                      | N/K        | 18 January, 09:41                                  |
| controlled, 17km N   | 0.41 ECE              | Heard 5 bursts                                      |            | 18 January, 09:45                                  |
| of Donetsk)  | 2-4km ESE             | Heard 9 shots                                       | HMG        | 18 January, 09:55                                  |

|   | 1           | II   |                                     | 10 January 10 20                       |
|---|-------------|--|-------------------------------------|--|
|   |             | Heard 2 undetermined explosions                            | N/K                                 | 18 January, 10:20                      |
|   |             | Heard 1 undetermined explosion<br>Heard 4 shots            | HMG                                 | 18 January, 10:58<br>18 January, 10:59 |
|   | 3-5km SW    | Heard 3 undetermined explosions                            | N/K                                 | 18 January, 11:05                      |
|   | 5-5KIII 5 W | Heard 4 bursts   | HMG                                 | 18 January, 11:15                      |
|   |             | Heard 3 undetermined explosions                            | N/K                                 |  |
|   | 2-4km ESE   | Heard 3 bursts   | IV/K                                | 18 January, 11:30                      |
|   |             | Heard 3 bursts   | HMG                                 | 18 January, 13:58                      |
|   |             | Heard 5 shots  | -                                   | 18 January, 14:03                      |
|   | 2-4km S     | Heard 1 undetermined explosion                             | N/K                                 | 18 January, 14:05                      |
| Donetsk central<br>railway station<br>("DPR"-controlled,<br>6km NW of Donetsk<br>city centre) | 3-5km NE    | Heard 17 shots   | Anti-aircraft gun (ZU-<br>23, 23mm) | 18 January, 09:45                      |
|   | 6-8km WSW   | Heard 1 undetermined explosion                             |                                     | 18 January, 10:03                      |
| 4.7km NW of   |             | Heard 3 explosions (outgoing)                              | N/K                                 | 18 January, 10:15                      |
| Vuhlehirsk ("DPR"-  | 6.01        | Heard 1 explosion (outgoing)                               |                                     | 18 January, 10:17                      |
| controlled, 49km NE of Donetsk)   | 6-8km SW    |  |                                     |  |
| of Donetok)   |             | Heard 20 explosions (outgoing)                             | MLRS (type N/K)                     | 18 January, 10:20                      |
| Luhanske<br>(government-<br>controlled, 59km NE<br>of Donetsk)                                | 3-5km E     | Heard 1 undetermined explosion                             | N/K                                 | 18 January, 10:05                      |
| 14km E of Horlivka<br>("DPR"-controlled,  | 4-5km W     | Heard 1 explosion (outgoing)                               | N/K                                 | 18 January, 10:32                      |
| 39km NE of<br>Donetsk)  | 3-5km SW    | Heard 3 undetermined explosions                            |                                     | 18 January, 14:55-14:59                |
| Myronivskyi   | 2.51        | Heard 13 undetermined explosions                           |                                     | 18 January, 10:52-11:00                |
| (government-  | 3-5km NE    | Heard 4 undetermined explosions                            | N/K                                 | 18 January, 11:15-11:20                |
| controlled, 62km NE of Donetsk)   | 2-3km NE    | Heard 1 undetermined explosion                             | -                                   | 18 January, 11:49                      |
|   | 2-3KIII NE  | Treard T undetermined explosion                            |                                     | 18 January, 11.49                      |
| Verkhnoshyrokivske<br>(formerly Oktiabr,<br>"DPR"-controlled,<br>29km NE of<br>Mariupol)      | N/K SW      | Heard uncountable bursts                                   | НМС                                 | 18 January, 12:05-13:03                |
| Kramatorsk<br>(government-<br>controlled, 83km N<br>of Donetsk)                               | 2-3km ESE   | Heard at least 67 shots (assessed as a live-fire exercise) | Small arms                          | 18 January, 12:37-12:39                |
| SW outskirts of<br>Malomykolaivka<br>("LPR"-controlled,<br>36km SW of<br>Luhansk)             | 8km NE      | Heard 10 explosions (both outgoing and impacts)            | Tank (type N/K)                     | 18 January, 09:20-09:35                |
| SE outskirts of<br>Novoaidar<br>(government-<br>controlled, 49km<br>NW of Luhansk)            | 8km E       | Heard 20 bursts (3-5 shots each)                           | НМС                                 | 18 January, 09:45-09:55                |
| Shchastia<br>(government-<br>controlled, 20km N<br>of Luhansk)                                | 2km E       | Heard 10 shots   | Small arms                          | 18 January, 10:47-10:48                |
| E outskirts of  |             | Heard 3 shots  | Small arms                          |  |
| Shchastia<br>(government-<br>controlled, 20km N<br>of Luhansk)                                | 2km SW      | Heard 6 shots  | НМС                                 | 18 January, 11:56-12:00                |
| 4.5km SW of<br>Muratove<br>(government-   | 10km S      | Heard 1 undetermined explosion                             | N/K                                 | 18 January, 12:05                      |

|   | [         | 1                               | 1                        | 1                       |
|---|-----------|---------------------------------|--------------------------|-------------------------|
| controlled, 51km<br>NW of Luhansk)                                    |           |                                 |                          |                         |
| Kalynove-<br>Borshchuvate<br>("LPR"-controlled,<br>61km W of Luhansk) | 3-5km SW  | Heard 3 shots                   | Small arms               | 18 January, 12:37-12:42 |
|   | 8-10km SW | Heard 2 undetermined explosions | Engineering works        |                         |
|   | 6-8km SSE | Heard 2 shots                   | IFV cannon (type<br>N/K) |                         |



## 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.)