

**Table of ceasefire violations as of 16 February 2018<sup>1</sup>**

| SMM position   | Distance   | Direction    | Means    | No. | Observation | Description  | Weapon     | Date   | Time        |
|--|------------|--------------|----------|-----|-------------|--------------|------------|--------|-------------|
| SMM camera at Donetsk Filtration Station (15km N of Donetsk) | 0.5-1.5km  | S            | Recorded | 2   | Projectile  | E to W       | N/K        | 15-Feb | 19:23       |
|  |            |              |          | 7   | Projectile  | W to E       |            |        | 19:29       |
|  |            |              |          | 2   | Projectile  | E to W       |            |        | 19:30       |
|  |            |              |          | 1   | Explosion   | Undetermined |            |        | 19:36       |
|  |            |              |          | 2   | Projectile  | W to E       |            |        | 19:37       |
|  |            |              |          | 2   | Explosion   | Undetermined |            |        | 20:34       |
|  |            |              |          | 1   | Explosion   | Undetermined |            |        | 21:05       |
|  |            |              |          | 2   | Projectile  | W to E       |            |        | 21:37       |
|  |            |              |          | 20  | Tracer      | E to W       |            |        | 21:39       |
|  |            |              |          | 1   | Explosion   | Undetermined |            |        | 21:40       |
|  |            |              |          | 5   | Projectile  | E to W       |            |        | 21:44       |
|  |            |              |          | 1   | Explosion   | Undetermined |            |        | 21:45       |
|  |            |              |          | 1   | Explosion   | Undetermined |            |        | 21:47       |
|  |            |              |          | 4   | Projectile  | E to W       |            |        | 21:50       |
|  |            |              |          | 2   | Explosion   | Undetermined |            |        | 21:52       |
|  |            |              |          | 1   | Explosion   | Undetermined |            | 21:52  |             |
|  |            |              |          | 3   | Projectile  | E to W       |            | 23:20  |             |
|  |            |              |          | 1   | Explosion   | Undetermined |            | 23:28  |             |
|  |            |              |          | 2   | Projectile  | E to W       |            | 23:30  |             |
|  |            |              |          | 2   | Projectile  | W to E       |            | 00:04  |             |
|  |            |              |          | 1   | Explosion   | Undetermined |            | 00:40  |             |
|  |            |              |          | 1   | Explosion   | Undetermined |            | 00:44  |             |
|  |            |              |          | 1   | Explosion   | Undetermined |            | 00:45  |             |
|  |            |              |          | 2   | Explosion   | Undetermined |            | 00:48  |             |
|  |            |              |          | 2   | Projectile  | W to E       |            | 00:56  |             |
|  |            |              |          | 1   | Explosion   | Undetermined |            | 01:10  |             |
|  |            |              |          | 1   | Explosion   | Undetermined |            | 01:16  |             |
|  |            |              |          | 1   | Explosion   | Undetermined |            | 02:47  |             |
|  |            |              |          | 1   | Explosion   | Undetermined |            | 02:51  |             |
|  |            |              |          | 1   | Explosion   | Undetermined |            | 03:32  |             |
|  |            |              |          | 1   | Projectile  | W to E       |            | 03:56  |             |
|  |            |              |          | 1   | Projectile  | W to E       |            | 04:03  |             |
|  |            |              |          | 2   | Explosion   | Undetermined |            | 04:15  |             |
| 1  | Projectile | E to W       | 04:20    |     |             |              |            |        |             |
| 1  | Explosion  | Undetermined | 15:47    |     |             |              |            |        |             |
| SMM camera 1km SW of Shyrokyne (20km E of Mariupol)          | 5-8 km     | N            | Recorded | 12  | Projectile  | E to W       | N/K        | 16-Feb | 17:45       |
|  |            |              |          | 1   | Explosion   | Undetermined |            |        | 18:10       |
| Railway station in Yasynuvata (non-                          | 3-5km      | W            | Heard    | 1   | Explosion   | Undetermined | N/K        | 16-Feb | 09:15-09:45 |
|  | 3-5km      | W            | Heard    | 9   | Burst       |              | Small arms | 16-Feb | 09:15-09:45 |

<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.

|   |   |       |       |       |           |                     |            |            |               |
|---|---|-------|-------|-------|-----------|---------------------|------------|------------|---------------|
| government-controlled, 16km NE of Donetsk)  | 3-5km   | W     | Heard | 12    | Shot      |                     | Small arms | 16-Feb     | 09:15-09:45   |
|   | 3-5km   | NNW   | Heard | 12    | Shot      |                     | Small arms | 16-Feb     | 09:15-09:45   |
|   | 3-5km   | W     | Heard | 11    | Shot      |                     | Small arms | 16-Feb     | 10:15-10:45   |
|   | 2-3km   | SW    | Heard | 2     | Burst     |                     | HMG        | 16-Feb     | 10:15-10:45   |
|   | 3-5km   | SW    | Heard | 3     | Shot      |                     | Small arms | 16-Feb     | 10:15-10:45   |
|   | 1-3km   | SW    | Heard | 15    | Shot      |                     | Small arms | 16-Feb     | 10:46-11:30   |
|   | 3-5km   | SW    | Heard | 1     | Explosion | Undetermined        | N/K        | 16-Feb     | 10:46-11:30   |
|   | 3-5km   | SW    | Heard | 5     | Shot      |                     | Small arms | 16-Feb     | 10:46-11:30   |
|   | 3-5km   | SW    | Heard | 1     | Explosion | Undetermined        | N/K        | 16-Feb     | 10:46-11:30   |
|   | 1-2km   | SW    | Heard | 2     | Explosion | Undetermined        | N/K        | 16-Feb     | 10:46-11:30   |
|   | 3-5km   | SW    | Heard | 2     | Burst     |                     | HMG        | 16-Feb     | 10:46-11:30   |
|   | 3-5km   | SW    | Heard | 2     | Explosion | Undetermined        | N/K        | 16-Feb     | 11:45-12:30   |
|   | 3-5km   | SW    | Heard | 5     | Shot      |                     | Small arms | 16-Feb     | 12:31-12:40   |
|   | 1.1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk) | 3-5km | SW    | Heard | 8         | Shot                |            | Small arms | 16-Feb        |
| 3-5km   |   | SW    | Heard | 2     | Explosion | Undetermined        | N/K        | 16-Feb     | 13:30-14:00   |
| S edge of Avdiivka (government-controlled, 17km N of Donetsk)                     | 3-5km   | ESE   | Heard | 1     | Explosion | Undetermined        | N/K        | 16-Feb     | 11:13         |
|   | 2-3km   | ESE   | Heard | 3     | Burst     |                     | HMG        | 16-Feb     | 11:15         |
| Oleksandrivka (non-government-controlled, 20km SW of Donetsk)                     | 2-5km   | NW    | Heard | 4     | Shot      |                     | HMG        | 16-Feb     | 10:32-10:38   |
| 1.9km NW of Debaltseve (non-government-controlled, 58km NE of Donetsk)            | 2-3km   | NW    | Heard | 1     | Explosion | Undetermined        | N/K        | 16-Feb     | 12:11         |
| Entry-exit checkpoint in Novotroitske (government-controlled, 32km SW of Donetsk) | 2-3km   | E     | Heard | 1     | Explosion | Outgoing            | N/K        | 16-Feb     | 10:11         |
|   |   |       | Heard | 1     | Explosion | Impact (subsequent) | N/K        |            |               |
|   | 3-4km   |       | Heard | 1     | Explosion | Outgoing            | N/K        |            | 10:12         |
|   |   |       | Heard | 1     | Explosion | Impact (subsequent) | N/K        |            |               |
| 1km NNW of the entry-exit checkpoint in Pyshchevyk                                | N/K   | S     | Heard | 2     | Explosion | Undetermined        | N/K        | 16-Feb     | 10:48         |
|   | 2-3km   | SE    | Heard | 1     | Burst     |                     | Small arms |            | 14:13 - 14:15 |
|   |   |       | Heard | 1     | Shot      |                     |            |            |               |

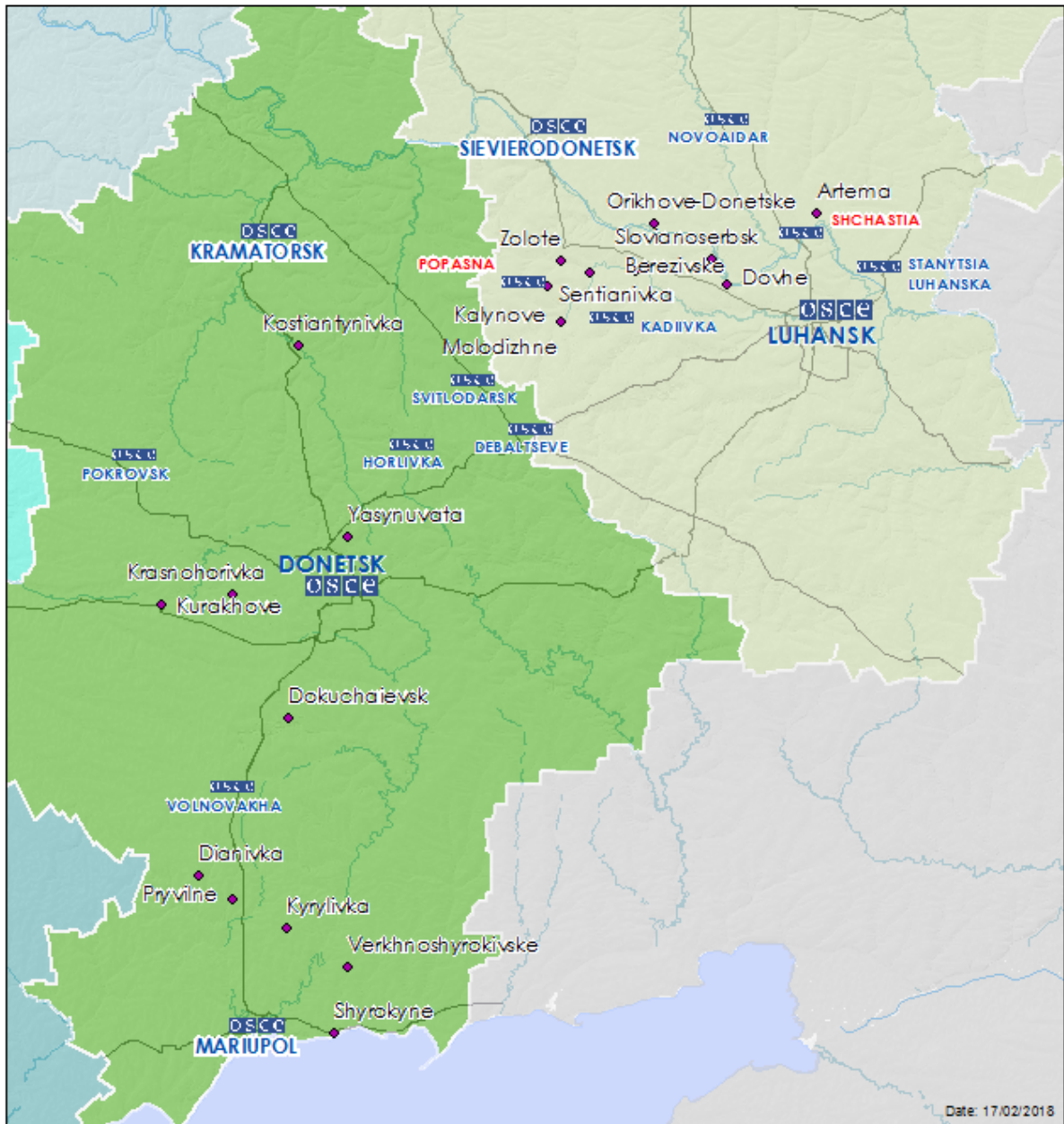
|   |        |         |       |       |           |              |                           |        |               |
|---|--------|---------|-------|-------|-----------|--------------|---------------------------|--------|---------------|
| (government-controlled, 25km NE of Mariupol)                      |        |         |       |       |           |              |                           |        |               |
| Orlivske (government-controlled, 23km NE of Mariupol)             | N/K    | E or SE | Heard | 2     | Explosion | Undetermined | N/K                       | 16-Feb | 10:50         |
| 2km SE of Lebedynske (government-controlled, 16km NE of Mariupol) | N/K    | E       | Heard | 7     | Burst     |              | HMG                       | 16-Feb | 11:58         |
|   |        |         | Heard | 12    | Burst     |              |                           |        | 12:05 - 12:10 |
| Horlivka (non-government-controlled, 39km NE of Donetsk)          | 5-7 km | SW      | Heard | 7     | Explosion | Undetermined | N/K                       | 15-Feb | 22:19-22:50   |
|   | 2-3km  | SW      | Heard | 18    | Burst     |              | Small arms                | 15-Feb |               |
| Svitlodarsk (government-controlled, 57km NE of Donetsk)           | 6-8km  | E       | Heard | 1     | Explosion | Undetermined | N/K                       | 15-Feb | 18:19         |
|   | 6-8km  | E       |       | 1     | Explosion | Undetermined | N/K                       |        | 18:20         |
|   | 6-8km  | SE      |       | 2     | Burst     |              | HMG                       |        | 18:24         |
|   | 5-10km | SE      |       | 1     | Shot      |              | Small arms                |        | 18:29         |
|   | 5-10km | E       |       | 3     | Shot      |              | Small arms                |        | 18:35         |
|   | 5-10km | SSE     |       | 3     | Burst     |              | HMG                       |        | 18:45         |
|   | 8-10km | SSE     |       | 2     | Shot      |              | AGL                       |        | 18:54         |
|   | 8-10km | E       |       | 2     | Burst     |              | HMG                       |        | 18:05         |
|   | 8-10km | E       |       | 2     | Shot      |              | Small arms                |        | 19:35         |
|   | 8-10km | SSE     |       | 2     | Shot      |              | Small arms                |        | 19:50         |
|   | 8-10km | SSE     |       | 3     | Burst     |              | HMG                       |        | 19:59         |
|   | 8-10km | SE      |       | 6     | Shot      |              | HMG                       |        | 20:02         |
|   | 8-10km | SSE     |       | 2     | Burst     |              | HMG                       |        | 20:10         |
|   | 8-10km | SSE     |       | 2     | Burst     |              | HMG                       |        | 20:20         |
|   | 8-10km | SE      |       | 1     | Explosion | Undetermined | N/K                       |        | 20:22         |
|   | 8-10km | SSE     |       | 1     | Shot      |              | HMG                       |        | 20:25         |
|   | 8-10km | SE      |       | 4     | Shot      |              | AGL                       |        | 20:27         |
|   | 8-10km | SE      |       | 5     | Burst     |              | HMG                       |        | 20:28         |
|   | 8-10km | SE      |       | 5     | Burst     |              | HMG                       |        | 20:30         |
|   | 8-10km | SSE     |       | 6     | Burst     |              | HMG                       |        | 20:35         |
|   | 8-10km | SE      |       | 3     | Shot      |              | Small arms                |        | 20:37         |
|   | 4-6km  | SSE     |       | 20    | Shot      |              | IFV (BMP-2) cannon (30mm) |        | 21:10         |
|   | 4-8km  | SE      |       | 1     | Explosion | Undetermined | Mortar (type N/K)         |        | 21:40         |
|   | 4-6km  | SE      |       | 5     | Shot      |              | AGL                       |        | 21:41         |
|   | 4-6km  | SE      |       | 1     | Burst     |              | HMG                       |        | 21:42         |
|   | 4-6km  | SE      |       | 3     | Shot      |              | HMG                       |        | 21:42         |
|   | 4-6km  | SE      |       | 4     | Shot      |              | HMG                       |        | 21:43         |
| 4-8km   | E      | Heard   | 1     | Burst |           | Small arms   | 15-Feb                    | 21:48  |               |
| 4-6km   | SSE    | Heard   | 3     | Shot  |           | HMG          | 21:50                     |        |               |
| 4-6km   | SSE    | Heard   | 9     | Shot  |           | IFV (BMP-2)  | 15-Feb                    | 21:54  |               |

|         |     |       |    |           |              |                    |       |
|---------|-----|-------|----|-----------|--------------|--------------------|-------|
|         |     |       |    |           | cannon       |                    |       |
| 4-6km   | SSE |       | 1  | Explosion | Undetermined | Mortar (type N/K)  | 21:55 |
| 4-6km   | SSE |       | 4  | Shot      |              | HMG                | 21:56 |
| 4-6km   | SSE |       | 8  | Shot      |              | HMG                | 21:58 |
| 4-6km   | SSE |       | 1  | Burst     |              | HMG                | 21:59 |
| 4-6km   | SSE |       | 1  | Burst     |              | HMG                | 22:00 |
| 4-6km   | SSE |       | 4  | Shot      |              | AGL                | 22:01 |
| 4-6km   | SSE |       | 2  | Shot      |              | IFV (BMP-2) cannon | 22:02 |
| 4-6km   | SSE |       | 6  | Shot      |              | AGL                | 22:03 |
| 4-6km   | SSE |       | 1  | Burst     |              | HMG                | 22:05 |
| 4-6km   | SSE |       | 3  | Shot      |              | AGL                | 22:06 |
| 4-6km   | SSE |       | 3  | Shot      |              | IFV (BMP-2) cannon | 22:07 |
| 4-6km   | SSE |       | 1  | Burst     |              | HMG                | 22:09 |
| 4-6km   | SSE |       | 1  | Explosion | Undetermined | Mortar (type N/K)  | 22:10 |
| 4-8km   | E   |       | 1  | Burst     |              | HMG                | 22:15 |
| 4-6km   | SE  |       | 3  | Shot      |              | HMG                | 22:16 |
| 4-6km   | SSE |       | 1  | Burst     |              | HMG                | 22:19 |
| 4-6km   | SSE |       | 1  | Burst     |              | HMG                | 22:20 |
| 10-12km | W   |       | 1  | Explosion | Undetermined | Mortar (type N/K)  | 22:20 |
| 4-6km   | SSE |       | 1  | Burst     |              | HMG                | 22:21 |
| 4-6km   | SSE |       | 1  | Burst     |              | HMG                | 22:22 |
| 4-6km   | SSE |       | 1  | Burst     |              | HMG                | 22:24 |
| 4-6km   | SSE |       | 8  | Shot      |              | IFV (BMP-2) cannon | 22:25 |
| 4-6km   | SSE |       | 1  | Burst     |              | HMG                | 22:28 |
| 4-6km   | SSE |       | 9  | Shot      |              | AGL                | 22:30 |
| 4-6km   | SSE |       | 1  | Burst     |              | HMG                | 22:34 |
| 4-6km   | SSE |       | 1  | Burst     |              | HMG                | 22:35 |
| 4-6km   | SSE | Heard | 12 | Shot      |              | IFV (BMP-2) cannon | 22:36 |
| 4-6km   | SSE | Heard | 1  | Explosion | Undetermined | Mortar (type N/K)  | 22:37 |
| 4-6km   | SSE | Heard | 1  | Burst     |              | HMG                | 22:38 |
| 4-6km   | SSE |       | 1  | Burst     |              | HMG                | 22:39 |
| 4-6km   | SSE |       | 1  | Burst     |              | HMG                | 22:40 |
| 4-6km   | SSE |       | 1  | Burst     |              | HMG                | 22:41 |
| 4-6km   | SSE |       | 1  | Burst     |              | HMG                | 22:42 |
| 4-6km   | SSE |       | 1  | Burst     |              | HMG                | 22:48 |
| 4-6km   | SSE |       | 1  | Burst     |              | HMG                | 22:49 |
| 4-6km   | SSE |       | 1  | Burst     |              | HMG                | 22:54 |
| 4-6km   | SSE |       | 1  | Burst     |              | HMG                | 22:55 |
| 4-6km   | SSE |       | 10 | Shot      |              | IFV (BMP-2) cannon | 22:57 |
| 4-6km   | SSE |       | 1  | Burst     |              | HMG                | 23:14 |
| 4-6km   | SSE |       | 3  | Shot      |              | AGL                | 23:15 |
| 4-6km   | SSE |       | 1  | Burst     |              | HMG                | 23:16 |

|   |       |     |       |    |           |  |                              |        |             |
|---|-------|-----|-------|----|-----------|--|------------------------------|--------|-------------|
|   | 4-6km | SSE |       | 1  | Burst     |  | HMG                          |        | 23:21       |
|   | 4-6km | SSE |       | 4  | Shot      |  | AGL                          |        | 23:26       |
|   | 4-6km | SSE |       | 1  | Explosion | Undetermined   | Mortar (type N/K)            |        | 23:55       |
|   | 5-8km | SSE |       | 2  | Burst     |  | HMG                          | 16-Feb | 11:40       |
|   | 4-6km | SSE |       | 2  | Explosion | Undetermined   | N/K                          |        | 14:54       |
|   | 4-6km | SSE |       | 9  | Explosion | Outgoing   | Recoilless gun (SPG-9, 73mm) |        | 15:25-15:30 |
|   | 4-6km | SE  |       | 3  | Explosion | Undetermined   | N/K                          |        | 16:24       |
|   | 4-6km | SE  |       | 3  | Explosion | Undetermined   | N/K                          |        | 16:28       |
|   | 4-6km | SE  |       | 10 | Explosion | Undetermined   | N/K                          |        | 16:30       |
|   | 4-6km | SE  |       | 4  | Explosion | Undetermined   | N/K                          |        | 16:34       |
|   | 4-6km | SE  |       | 3  | Explosion | Undetermined   | N/K                          |        | 16:36       |
|   | 4-6km | SE  |       | 4  | Explosion | Undetermined   | N/K                          |        | 16:38       |
|   | 4-6km | SE  |       | 14 | Explosion | Undetermined   | N/K                          |        | 16:40-16:45 |
|   | 4-6km | SE  |       | 2  | Explosion | Undetermined   | N/K                          |        | 17:38       |
| 2km E of Popasna (government-controlled, 69km W of Luhansk)                 | 3-5km | SW  | Heard | 1  | Explosion | Undetermined   | N/K                          | 16-Feb | 09:10       |
| Popasna (government-controlled, 69km W of Luhansk)                          | 5-6km | SW  | Heard | 3  | Explosion | Undetermined   | N/K                          | 16-Feb | 10:30       |
|   | 5-7km | SW  | Heard | 10 | Burst     |  | HMG                          | 16-Feb | 13:00       |
| N edge of Zolote (government-controlled, 60km W of Luhansk)                 | 6-8km | SSW | Heard | 5  | Explosion | Impacts (assessed as outside the disengagement area) | N/K                          | 16-Feb | 09:20       |
| Sentianivka (formerly Frunze, non-government-controlled, 44km W of Luhansk) | 2-3km | NNE | Heard | 4  | Shot      | Assessed as aimed at the UAV                         | Small arms                   | 16-Feb | 10:17       |
| 6km NE of Kalynove (non-government-controlled, 60km W of Luhansk)           | 12km  | SE  | Heard | 2  | Explosion | Undetermined   | N/K                          | 16-Feb | 10:20-10:27 |
|   | 12km  | SE  | Heard | 2  | Shot      |  | AGS                          |        |             |
| 1.5km SSW of Kalynove (non-government-controlled, 60km W of Luhansk)        | 6km   | W   | Heard | 47 | Explosion | Outgoing (and subsequent impacts)                    | Artillery                    | 16-Feb | 11:24-11:35 |
| S edge of Denezhnykove (government-controlled, 59km NW of Luhansk)          | 3-4km | S   | Heard | 9  | Explosion | Undetermined (assessed as a live-fire exercise)      | N/K                          | 16-Feb | 11:04-11:09 |

|   |       |   |       |    |      |  |            |        |       |
|---|-------|---|-------|----|------|--|------------|--------|-------|
| E edge of Artema (government-controlled, 26km N of Luhansk) | 1-2km | S | Heard | 15 | Shot |  | Small arms | 16-Feb | 11:40 |
|---|-------|---|-------|----|------|--|------------|--------|-------|

## 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.)