

# Daily Report 108/2020

7 May 2020<sup>1</sup>

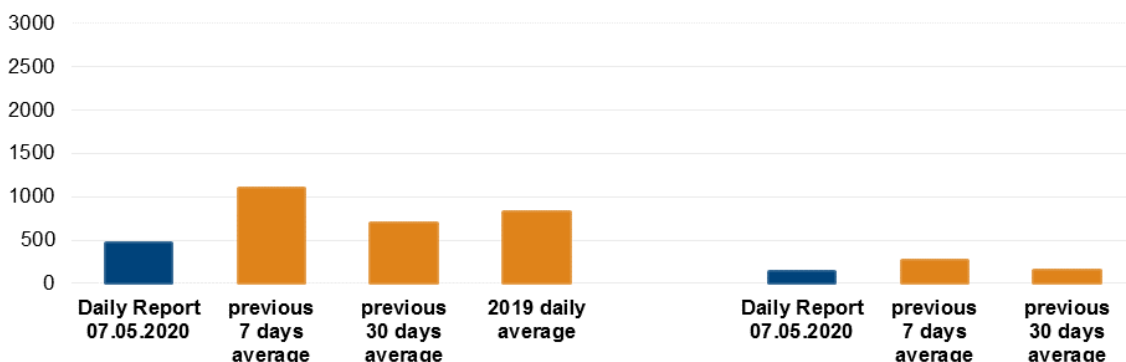
## Summary

- Compared with the previous reporting period, the SMM recorded fewer ceasefire violations in both Donetsk and Luhansk regions.
- Members of the armed formations continued to deny the SMM passage at checkpoints along official crossing routes in Donetsk and Luhansk regions.\*
- The Mission continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske. It recorded ceasefire violations inside the disengagement area near Petrivske and observed persons inside the disengagement area near Zolote.
- The SMM monitored and facilitated adherence to localised ceasefires to enable the operation of and repairs to critical civilian infrastructure in non-government-controlled areas of Donetsk and Luhansk regions.
- The Mission continued following up on measures taken amid the COVID-19 outbreak, including at entry-exit checkpoints and their corresponding checkpoints in Donetsk and Luhansk regions.
- The SMM's freedom of movement continued to be restricted in both Donetsk and Luhansk regions.\*

## Ceasefire violations<sup>2</sup>

### Number of recorded ceasefire violations<sup>3</sup>

### Number of recorded explosions<sup>4</sup>



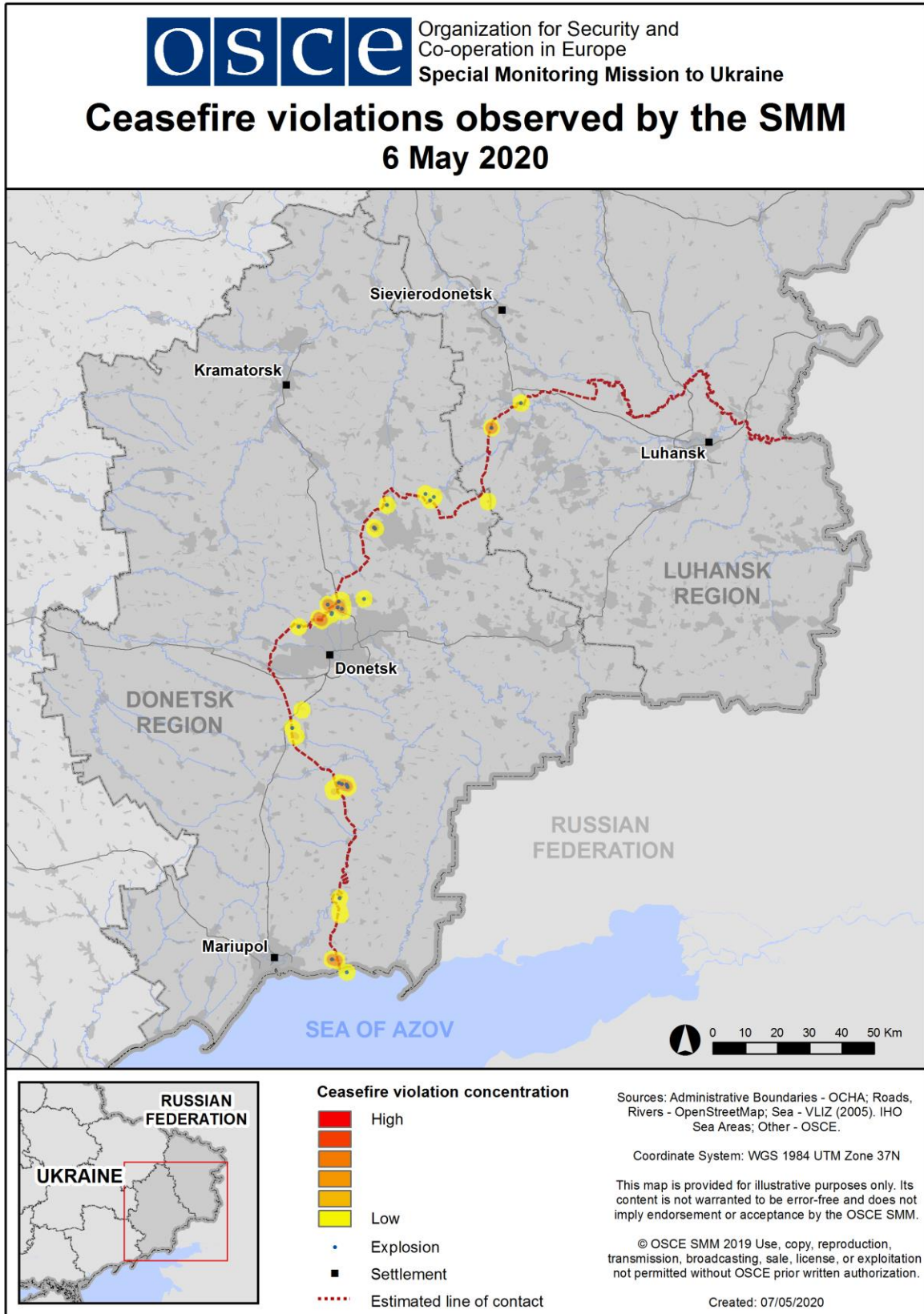
<sup>1</sup> Based on information from the Monitoring Teams as of 19:30, 6 May 2020. All times are in Eastern European Summer Time.

<sup>2</sup> For a complete breakdown of ceasefire violations, please see the annexed table. During the reporting period, the SMM camera in Petrivske was not operational.

<sup>3</sup> Including explosions.

<sup>4</sup> Including from unidentified weapons.

### Map of recorded ceasefire violations



In Donetsk region, the SMM recorded fewer ceasefire violations, including, however, more explosions (about 85), compared with the [previous reporting period](#) (about 70 explosions). The majority of ceasefire violations were recorded at southerly and easterly directions of the Donetsk Filtration Station (DFS) (15km north of Donetsk), at northerly and westerly directions of non-government-controlled Donetsk city, at northerly directions of Shyrokyne (government-controlled, 100km south of Donetsk) and in areas near the disengagement area near Petrivske (non-government-controlled, 41km south of Donetsk) (see below).

In Luhansk region, the SMM recorded fewer ceasefire violations, including, however, more explosions (about 50), compared with the [previous reporting period](#) (about 40 explosions). All ceasefire violations were recorded in areas south-west of the disengagement area near Zolote (government-controlled, 60km west of Luhansk) (see below).

### Members of the armed formations continued to deny the SMM passage at checkpoints along the contact line in Donetsk and Luhansk regions

Members of the armed formations continued to deny the SMM passage at checkpoints in both Donetsk and Luhansk regions along official crossing routes. These restrictions constitute an impediment to the implementation of the Mission's mandate.<sup>5</sup>

In Donetsk region, at a checkpoint of the armed formations near Oleksandrivka (non-government-controlled, 20km south-west of Donetsk), the SMM saw anti-tank static barriers and tires laid across the road and was told by two members of the armed formations that it could not proceed towards non-government-controlled areas.\*

In Luhansk region, at a checkpoint south of the Stanytsia Luhanska bridge (15km north-east of Luhansk), a member of the armed formations denied the SMM passage towards government-controlled areas, referring to the closure of the checkpoint due to COVID-19. He added that the Mission would also not be allowed passage in the opposite direction.\*

### Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske<sup>6</sup>

During the day on 6 May, the SMM noted a calm situation in the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk) and saw a member of the armed formations (wearing an armband with "JCCC" written on it) near the checkpoint south of the new span of the Stanytsia Luhanska bridge.

On the evening of 5 May, inside the **disengagement area near Zolote**, an SMM long-range unmanned aerial vehicle (UAV) spotted a person on the south-eastern edge of Katerynivka (government-controlled, 64km west of Luhansk) and another person at a former position of the Ukrainian Armed Forces about 550m south of the area's northern edge and about 300m east of road T-1316.

---

<sup>5</sup> The Mission began facing repeated denials when attempting to cross into non-government-controlled areas at checkpoints of the armed formations in Donetsk region on 21 March and Luhansk region on 23 March. For more information, see SMM Daily and Spot Reports.

<sup>6</sup> Disengagement is foreseen in the Framework Decision of the Trilateral Contact Group relating to disengagement of forces and hardware of 21 September 2016.

Also inside the disengagement area, the same UAV spotted a person near former positions of the armed formations about 550m east of the area's western edge and about 60m south of the railway tracks.

On the night between 5 and 6 May, the SMM camera in Zolote recorded an undetermined explosion at an assessed range of 4-6km east. On 6 May, while positioned on the northern edge of Popasna (government-controlled, 69km west of Luhansk), the Mission heard 47 undetermined explosions and ten bursts of small-arms fire, all at an assessed range of 5-8km south-east. All these ceasefire violations were assessed as outside the disengagement area but within 5km of its periphery.

On 6 May, the SMM saw eight members of the armed formations (wearing armbands with "JCCC" written on them) near the southern edge of the disengagement area.

On 5 May, inside the **disengagement area near Petrivske**, an SMM mini-UAV spotted at least 350 anti-tank mines. Outside the disengagement area, in a field north of the road between Bohdanivka (government-controlled, 41km south-west of Donetsk) and Viktorivka (non-government-controlled, 42km south-west of Donetsk), the same UAV spotted at least 129 anti-tank mines laid in a single row about 10m north of the road and extending north for about 500m. South of the road, the UAV spotted four mine hazard signs lying on the ground. Also outside the disengagement area, the same UAV spotted about 80 anti-tank mines (TM-62M) laid about 30m west of the area's western edge and extending north for about 500m. All these mines were assessed as belonging to the Ukrainian Armed Forces (for previous observations in the area, see SMM Daily Reports of [8 April](#) and [11 April 2020](#)).

Also outside the disengagement area, the same UAV [again](#) spotted a barely visible obstacle stretched across the aforementioned road, about 300m north-west of the disengagement area's north-eastern corner, close to forward positions of the armed formations.

On the evening of 5 May, the SMM camera in Bohdanivka recorded two undetermined explosions at an assessed range of 1.5-2.5km east-south-east, assessed as inside the disengagement area.

During the day on 6 May, while positioned at two locations near the disengagement near Petrivske, the SMM heard 34 undetermined explosions and 37 shots and bursts of small-arms and heavy-machine-gun fire, all assessed as outside the disengagement area but within 5km of its periphery.

## **Withdrawal of weapons**

The SMM continued to monitor the withdrawal of weapons in implementation of the Memorandum and the Package of Measures and its Addendum. It saw self-propelled and towed howitzers, a multiple launch rocket system and an anti-tank gun on the runway of an airfield in non-government-controlled areas of Luhansk region.

It also saw tanks and surface-to-air missile systems beyond withdrawal lines but outside designated storage sites on the runway of the aforementioned airfield as well as tanks, self-propelled and towed howitzers, mortars and towed anti-tank guns in training areas in non-government-controlled areas of Luhansk region. (For further details, see the tables below).

## **Indications of military and military-type presence inside the security zone<sup>7</sup>**

The SMM observed armoured combat vehicles in the security zone in government- and non-government-controlled areas of Luhansk region, as well as in government-controlled areas of Donetsk region.

## **Presence of anti-tank mines near Vodiane**

On 3 May, in fields about 1km south-east of Vodiane (government-controlled, 94km south of Donetsk), an SMM mini-UAV spotted 32 anti-tank mines (probable TM-62). About 2km north-east of Vodiane, also in fields, the same UAV spotted 39 anti-tank mines. All of these mines were assessed as belonging to the Ukrainian Armed Forces (for previous observations in the area, see [SMM Daily Report 22 April 2020](#)).

## **SMM facilitation of repairs to and operation of critical civilian infrastructure**

The SMM facilitated and monitored adherence to localised ceasefires to enable repairs to water infrastructure near non-government-controlled Pankivka (16km north of Luhansk), Raivka (16km north-west of Luhansk) and Vasylivka (20km north of Donetsk).

The SMM continued to facilitate the operation of the DFS. On 6 May, while positioned at two locations near the station, the Mission recorded four undetermined explosions and about 30 shots and bursts of small-arms and heavy-machine-gun fire. All these ceasefire violations were assessed as within a 5km radius of the DFS (see the table below).

## **Measures taken at entry-exit checkpoints and corresponding checkpoints to counter COVID-19 outbreak**

In Donetsk region, the Mission noted that the entry-exit checkpoints (EECP) near Marinka (government-controlled, 23km south-west of Donetsk) and Novotroitske (government-controlled, 36km south-west of Donetsk), as well their corresponding checkpoints of the armed formations near Oleksandrivka and Olenivka (non-government-controlled, 23km south-west of Donetsk), respectively, remained closed.\*

In Luhansk region, the SMM saw that the EECP in Stanytsia Luhanska and the corresponding checkpoint of the armed formations south of the Stanytsia Luhanska bridge remained closed.\*

On the northern outskirts of Irmyno (non-government-controlled, 54km west of Luhansk) the SMM saw a checkpoint of the armed formations, assessed as having been set-up as part of COVID-19 countermeasures.

The Mission continued monitoring in Kherson, Odessa, Lviv, Ivano-Frankivsk, Kharkiv, Dnipro, Chernivtsi and Kyiv.

---

<sup>7</sup> The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

## **\*Restrictions of the SMM's freedom of movement or other impediments to fulfilment of its mandate**

*The SMM's monitoring and freedom of movement are restricted by security hazards and threats, including risks posed by mines and unexploded ordnance (UXO) and other impediments – which vary from day to day. The SMM's mandate provides for safe and secure access throughout Ukraine. All signatories of the Package of Measures have agreed on the need for this safe and secure access, that restriction of the SMM's freedom of movement constitutes a violation, and on the need for rapid response to these violations. They have also agreed that the Joint Centre for Control and Co-ordination (JCCC) should contribute to such response and co-ordinate mine clearance. Nonetheless, the armed formations in parts of Donetsk and Luhansk regions frequently deny the SMM access to areas adjacent to Ukraine's border outside control of the Government (for example, see [SMM Daily Report 28 March 2020](#)). The SMM's operations in Donetsk and Luhansk regions remain restricted following [the fatal incident of 23 April 2017 near Pryshyb](#); these restrictions continued to limit the Mission's observation.*

### Denial of access:

- At a checkpoint south of the Stanytsia Luhanska bridge (15km north-east of Luhansk), a member of the armed formations again denied the SMM passage towards government-controlled areas, referring to the closure of the checkpoint due to COVID-19 and saying that the Mission would also be denied passage in the opposite direction.
- At a checkpoint of the armed formations near Oleksandrivka (non-government-controlled, 20km south-west of Donetsk), the SMM [again](#) saw anti-tank static barriers and tires laid across the road and was told by two members of the armed formations that it could not proceed towards non-government-controlled areas.

### *Regular restrictions related to disengagement areas and mines/UXO:*

- The sides continued to deny the SMM full access, as well as the ability to travel certain roads previously identified as important for effective monitoring by the Mission and for civilians' movement, through failure to conduct comprehensive clearance of mines, UXO and other obstacles.

### Other impediments:

- On 5 May, an SMM long-range UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas between Kostiantynivka (government-controlled, 60km north of Donetsk) and Myronivka (government-controlled, 64km north-east of Donetsk), as well as between Popasna (government-controlled, 69km west of Luhansk) and Habun (non-government-controlled, 30km south-east of Luhansk).<sup>8</sup>
- On 6 May, an SMM mini-UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas near Popasna (government-controlled, 69km west of Luhansk).

---

<sup>8</sup> The interference could have originated from anywhere within the radius of kilometres from the UAVs' positions.

## Table of weapons

### Weapons in violation of the withdrawal lines

| Date                                   | No. of weapons | Type of weapons  | Location   | Source of observation |
|--|----------------|--|--|-----------------------|
| <b>Non-government-controlled areas</b> |                |  |  |                       |
| 05/05/2020                             | 8              | Self-propelled howitzer (seven 2S1 <i>Gvozdika</i> , 122mm and one 2S3 <i>Akatsiya</i> , 152mm)          | On the runway of an airfield in Peremozhne (19km south of Luhansk) (for previous observations, see <a href="#">SMM Daily Report 28 April 2020</a> ). | Long-range UAV        |
|  | 1              | Multiple launch rocket system (BM-21 <i>Grad</i> , 122mm)  |  |                       |
|  | 10             | Towed howitzer (six 2A65 <i>Msta-B</i> , 152mm, three D-20, 152mm and one D-30 <i>Lyagushka</i> , 122mm) |  |                       |
|  | 1              | Anti-tank gun (MT-12 <i>Rapira</i> , 100mm)  |  |                       |

### Weapons beyond withdrawal lines but outside designated storage sites

| Date                                   | No. of weapons | Type of weapon   | Location  | Source of observation |
|--|----------------|--|---|-----------------------|
| <b>Non-government-controlled areas</b> |                |  |   |                       |
| 05/05/2020                             | 26             | Tank (four T-72B, two T-64 <i>Bulat</i> and 20 T-64 variant) | In a training area near Kruhlyk (31km south-west of Luhansk). At the same training area, the UAV also spotted three trucks (Ural-375D with over 300 different types of ammunition boxes <sup>9</sup> (for previous observations, see <a href="#">SMM Daily Report 5 May 2020</a> ). | Mini-UAV              |
|  | 20             | Tank (ten T-64 and ten T-72)                                 | In a training area near Myrne (28km south-west of Luhansk). At the same training area, the UAV also spotted at least 60 armoured combat vehicles.   |                       |
|  | 8              | Self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm)        |   |                       |
|  | 13             | Mortar (2S12 <i>Sani</i> , 120mm)                            |   |                       |
|  | 6              | Towed anti-tank gun (MT-12 <i>Rapira</i> , 100mm)            | On the runway of an airfield in Peremozhne (19km south of Luhansk) (for previous observations, see <a href="#">SMM Daily Report 28 April 2020</a> ). At the same location, the UAV also spotted about 30 armoured combat vehicles.  |                       |
|  | 6              | Towed howitzer (D-30A <i>Lyagushka</i> , 122mm)              |   |                       |
|  | 19             | Tank (seven T-64 and 12 T-72)                                |   |                       |
|  | 1              | Surface-to-air missile system (9K33 <i>Osa</i> )             | Long-range UAV  |                       |
|  | 1              | Surface-to-air missile system (9K31 <i>Strela-1</i> )        |   |                       |

<sup>9</sup> Trucks, ammunition and ACVs mentioned in this table are not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

**Table of military presence in the security zone<sup>10</sup>**

| <b>Date</b>                            | <b>No.</b> | <b>Type</b>                             | <b>Location</b>  | <b>Source of observation</b> |
|--|------------|---|--|------------------------------|
| <b>Government-controlled areas</b>     |            |   |  |                              |
| 05/05/2020                             | 1          | Infantry fighting vehicle (BMP-2)       | Near Bohdanivka (41km south-west of Donetsk)                           | Mini-UAV                     |
|  | 1          | Infantry fighting vehicle (BMP-1)       | On the western edge of Stanytsia Luhanska (16km north-east of Luhansk) |                              |
|  | 3          | Probable armoured combat vehicle        | Near Katerynivka (64km west of Luhansk)                                | Long-range UAV               |
|  | 1          | Infantry fighting vehicle (BMP-2)       |  |                              |
|  | 1          | Infantry fighting vehicle (BMP variant) | Near Orikhove (57km north-west of Luhansk)                             |                              |
|  | 1          | Probable armoured combat vehicle        |  |                              |
| 06/05/2020                             | 1          | Armoured personnel carrier (BTR-70)     | Near Novobakhmutivka (28km north of Donetsk)                           | Patrol                       |
|  | 1          | Infantry fighting vehicle (BMP variant) | Near Lebedynske (99km south of Donetsk)                                |                              |
| <b>Non-government-controlled areas</b> |            |   |  |                              |
| 05/05/2020                             | 2          | Probable armoured combat vehicle        | Near Pryvitne (11km north of Luhansk)                                  | Long-range UAV               |
| 06/05/2020                             | 1          | Electronic warfare system               | In Horlivka (39km north-east of Donetsk)                               | Patrol                       |

<sup>10</sup> The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.



**Table of ceasefire violations as of 6 May 2020<sup>11</sup>**

| SMM position   | Event location | Means    | No.        | Observation        | Description   | Weapon       | Date, time   |
|--|----------------|----------|------------|--------------------|---|--------------|--------------|
| SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)  | 5-7km ESE      | Recorded | 1          | Explosion          | Undetermined (also recorded by the SMM camera at DFS)             | N/K          | 6-May, 01:07 |
|  | 2-3km SE       | Recorded | 5          | Projectile         | SW to NE  | N/K          | 6-May, 01:17 |
|  | 2-3km SE       | Recorded | 3          | Projectile         | SW to NE  | N/K          | 6-May, 01:44 |
|  | 2-3km SE       | Recorded | 2          | Projectile         | SW to NE  | N/K          | 6-May, 01:47 |
|  | 1-2km SE       | Recorded | 3          | Projectile         | W to E  | N/K          | 6-May, 02:21 |
|  | 1-2km SE       | Recorded | 1          | Projectile         | W to E (also recorded by the SMM camera at DFS)                   | N/K          | 6-May, 02:21 |
|  | 1-2km SE       | Recorded | 5          | Projectile         | W to E  | N/K          | 6-May, 02:44 |
|  | 1-2km SE       | Recorded | 3          | Projectile         | W to E  | N/K          | 6-May, 02:45 |
|  | 1-2km SE       | Recorded | 1          | Projectile         | W to E (also recorded by the SMM cameras at DFS and Oktiabr mine) | N/K          | 6-May, 02:45 |
|  | 1-2km SE       | Recorded | 4          | Projectile         | W to E  | N/K          | 6-May, 02:46 |
|  | 1-2km SE       | Recorded | 2          | Projectile         | W to E (also recorded by the SMM camera at Oktiabr mine)          | N/K          | 6-May, 02:49 |
|  | 1-2km SE       | Recorded | 1          | Projectile         | W to E  | N/K          | 6-May, 02:52 |
|  | 1-2km SE       | Recorded | 1          | Explosion          | Undetermined (also recorded by the SMM camera at Oktiabr mine)    | N/K          | 6-May, 02:53 |
|  | 1-2km SE       | Recorded | 4          | Projectile         | W to E  | N/K          | 6-May, 03:00 |
|  | 1-2km SE       | Recorded | 6          | Projectile         | W to E  | N/K          | 6-May, 03:01 |
|  | 1-2km SE       | Recorded | 1          | Projectile         | In vertical flight  | N/K          | 6-May, 03:07 |
|  | 1-2km SE       | Recorded | 1          | Projectile         | W to E  | N/K          | 6-May, 03:08 |
|  | 1-2km SE       | Recorded | 1          | Projectile         | W to E  | N/K          | 6-May, 03:09 |
| 1-2km SE   | Recorded       | 1        | Projectile | W to E             | N/K   | 6-May, 03:12 |              |
| 1-2km SE   | Recorded       | 2        | Projectile | W to E             | N/K   | 6-May, 03:13 |              |
| SMM camera in Berezove (government-controlled, 31km SW of Donetsk) | 4-6km SE       | Recorded | 1          | Illumination flare | In vertical flight  | N/K          | 5-May, 21:15 |
|  | 4-6km SE       | Recorded | 1          | Illumination flare | In vertical flight  | N/K          | 5-May, 21:26 |
|  | 4-6km SE       | Recorded | 2          | Illumination flare | In vertical flight  | N/K          | 5-May, 21:27 |
|  | 4-6km SE       | Recorded | 2          | Illumination flare | In vertical flight  | N/K          | 5-May, 21:28 |
|  | 4-6km SE       | Recorded | 1          | Illumination flare | In vertical flight  | N/K          | 5-May, 21:30 |
|  | 4-6km SE       | Recorded | 1          | Illumination flare | In vertical flight  | N/K          | 5-May, 21:31 |

<sup>11</sup> The table only includes ceasefire violations directly observed by the SMM patrols or recorded by the SMM cameras 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 technical monitoring officers, 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 technical limitations and/or other considerations. Ceasefire violations recorded by more than one patrol/camera and assessed to be the same are entered only once.

|   |               |          |            |                    |   |              |              |
|---|---------------|----------|------------|--------------------|---|--------------|--------------|
|   | 4-6km SE      | Recorded | 1          | Illumination flare | In vertical flight  | N/K          | 5-May, 23:19 |
| SMM camera 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)                | 1.5-2.5km ESE | Recorded | 1          | Explosion          | Undetermined (assessed as inside the disengagement area)                              | N/K          | 5-May, 19:18 |
|   | 1.5-2.5km ESE | Recorded | 1          | Explosion          | Undetermined (assessed as inside the disengagement area)                              | N/K          | 5-May, 19:30 |
| SMM camera at Donetsk Filtration Station (15km N of Donetsk)                              | 3-5km SSE     | Recorded | 13         | Projectile         | In vertical flight (also recorded by the SMM camera in Avdiivka)                      | N/K          | 6-May, 00:56 |
|   | 3-5km SSE     | Recorded | 1          | Burst              | In vertical flight (also recorded by the SMM camera in Avdiivka)                      | N/K          | 6-May, 00:57 |
|   | 0.5-1km S     | Recorded | 1          | Projectile         | NE to SW  | N/K          | 6-May, 02:04 |
|   | 0.5-1km SSE   | Recorded | 1          | Explosion          | Undetermined  | N/K          | 6-May, 02:09 |
|   | 4-6km SSW     | Recorded | 2          | Projectile         | In vertical flight (also recorded by the SMM cameras in Avdiivka and at Oktiabr mine) | N/K          | 6-May, 02:45 |
|   | 1-3km SSW     | Recorded | 1          | Projectile         | W to E  | N/K          | 6-May, 03:37 |
|   | 4-6km SSW     | Recorded | 1          | Explosion          | Undetermined  | N/K          | 6-May, 04:16 |
| SMM camera at entry-exit checkpoint in Hnutove (government-controlled, 84km S of Donetsk) | 2-4km E       | Recorded | 1          | Projectile         | S to N  | N/K          | 5-May, 22:26 |
|   | 2-4km ENE     | Recorded | 2          | Projectile         | NNW to SSE  | N/K          | 6-May, 03:43 |
|   | 2-4km ENE     | Recorded | 1          | Projectile         | NNW to SSE  | N/K          | 6-May, 04:08 |
| SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)     | 4-6km W       | Recorded | 1          | Explosion          | Undetermined  | N/K          | 5-May, 21:30 |
|   | 4-6km W       | Recorded | 1          | Explosion          | Undetermined  | N/K          | 5-May, 21:40 |
|   | 4-6km W       | Recorded | 1          | Explosion          | Undetermined  | N/K          | 5-May, 22:48 |
|   | 2-4km NNE     | Recorded | 4          | Projectile         | W to E  | N/K          | 5-May, 21:14 |
|   | 2-4km NNE     | Recorded | 9          | Projectile         | W to E  | N/K          | 5-May, 21:15 |
|   | 2-4km NNE     | Recorded | 2          | Projectile         | W to E  | N/K          | 5-May, 21:16 |
|   | 2-4km NNE     | Recorded | 3          | Projectile         | W to E  | N/K          | 5-May, 21:40 |
|   | 2-4km NNE     | Recorded | 2          | Projectile         | W to E  | N/K          | 5-May, 21:41 |
|   | 2-4km NNE     | Recorded | 3          | Projectile         | W to E  | N/K          | 5-May, 21:44 |
|   | 2-4km NNE     | Recorded | 4          | Projectile         | W to E  | N/K          | 5-May, 22:04 |
|   | 2-4km NNE     | Recorded | 1          | Projectile         | W to E  | N/K          | 5-May, 22:05 |
|   | 2-4km NNE     | Recorded | 3          | Projectile         | W to E  | N/K          | 5-May, 22:06 |
|   | 2-4km NNE     | Recorded | 6          | Projectile         | W to E  | N/K          | 5-May, 22:07 |
|   | 2-4km NNE     | Recorded | 6          | Projectile         | W to E  | N/K          | 5-May, 22:08 |
|   | 2-4km NNE     | Recorded | 5          | Projectile         | W to E  | N/K          | 5-May, 22:09 |
|   | 2-4km NNE     | Recorded | 2          | Projectile         | W to E  | N/K          | 5-May, 22:10 |
|   | 2-4km NNE     | Recorded | 4          | Projectile         | W to E  | N/K          | 5-May, 22:11 |
|   | 2-4km NNE     | Recorded | 3          | Projectile         | W to E  | N/K          | 5-May, 22:12 |
|   | 2-4km NE      | Recorded | 2          | Projectile         | W to E  | N/K          | 5-May, 23:11 |
|   | 2-4km NE      | Recorded | 2          | Projectile         | W to E  | N/K          | 5-May, 23:12 |
| 3-5km NE  | Recorded      | 1        | Projectile | W to E             | N/K   | 5-May, 23:16 |              |
| 2-4km NE  | Recorded      | 3        | Projectile | W to E             | N/K   | 6-May, 01:15 |              |

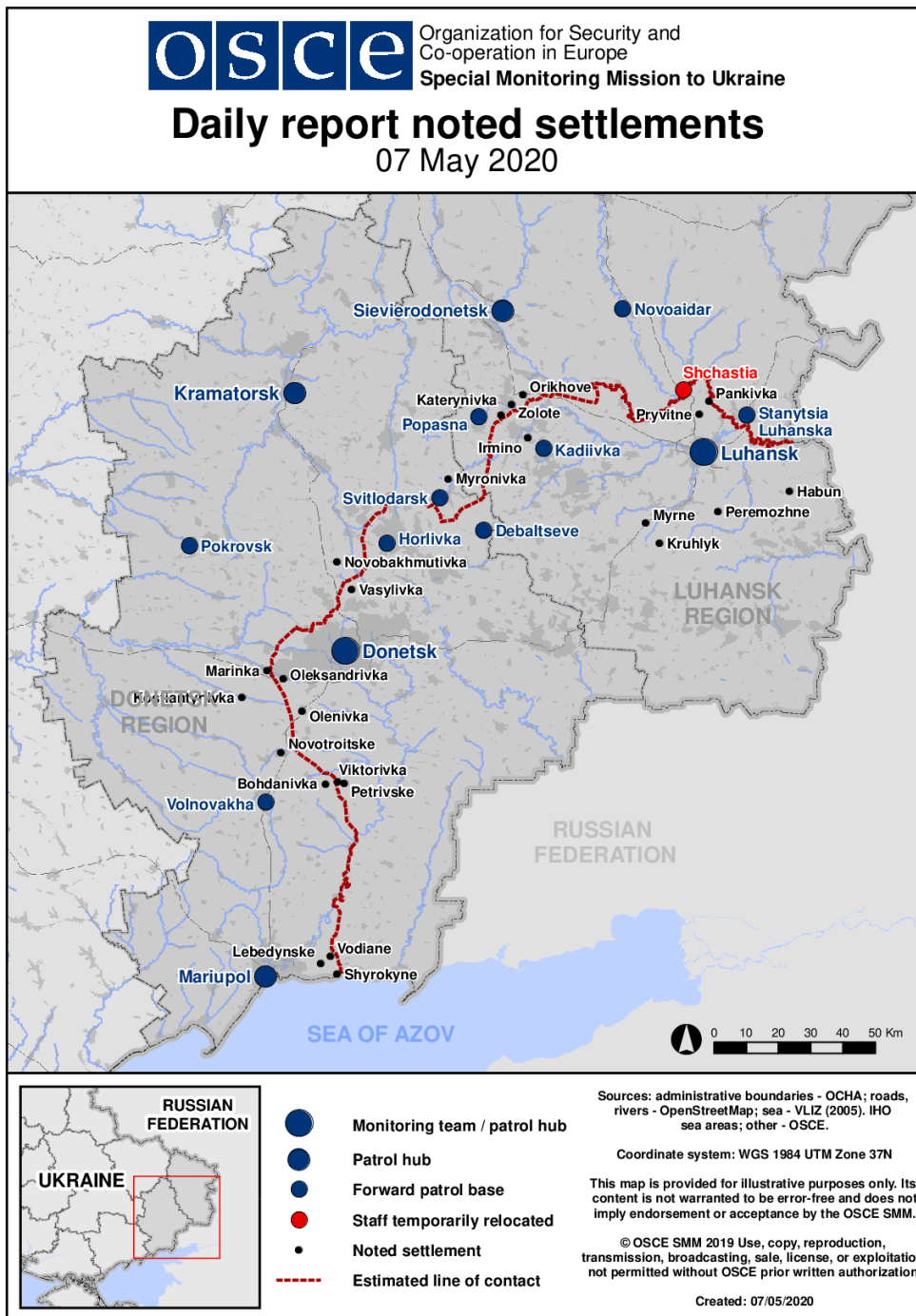
|   |           |               |            |            |  |              |                    |
|---|-----------|---------------|------------|------------|--|--------------|--------------------|
|   | 2-4km NE  | Recorded      | 1          | Projectile | In vertical flight   | N/K          | 6-May, 01:15       |
|   | 2-4km NE  | Recorded      | 2          | Projectile | NW to SE   | N/K          | 6-May, 01:16       |
|   | 2-4km NE  | Recorded      | 2          | Projectile | NW to SE   | N/K          | 6-May, 01:18       |
|   | 2-4km NE  | Recorded      | 9          | Projectile | NW to SE   | N/K          | 6-May, 01:19       |
|   | 2-4km NE  | Recorded      | 5          | Projectile | W to E   | N/K          | 6-May, 02:45       |
|   | 2-4km NE  | Recorded      | 4          | Projectile | W to E   | N/K          | 6-May, 02:46       |
|   | 2-4km NE  | Recorded      | 2          | Projectile | W to E (also recorded by the SMM camera in Avdiivka)             | N/K          | 6-May, 02:49       |
|   | 2-4km NE  | Recorded      | 1          | Projectile | W to E   | N/K          | 6-May, 02:50       |
|   | 2-4km NE  | Recorded      | 1          | Projectile | In vertical flight (also recorded by the SMM camera in Avdiivka) | N/K          | 6-May, 03:07       |
| SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)                        | 2-4km NE  | Recorded      | 5          | Projectile | W to E   | N/K          | 6-May, 03:12       |
|   | 3-5km N   | Recorded      | 1          | Explosion  | Undetermined   | N/K          | 5-May, 20:44       |
|   | 3-5km N   | Recorded      | 1          | Explosion  | Undetermined   | N/K          | 5-May, 20:47       |
|   | 3-5km N   | Recorded      | 1          | Explosion  | Undetermined   | N/K          | 5-May, 23:20       |
|   | 3-5km NNE | Recorded      | 1          | Projectile | W to E   | N/K          | 6-May, 02:23       |
|   | 3-5km N   | Recorded      | 1          | Projectile | E to W   | N/K          | 6-May, 02:27       |
|   | 3-5km N   | Recorded      | 2          | Projectile | E to W   | N/K          | 6-May, 02:28       |
|   | 3-5km NNE | Recorded      | 2          | Projectile | E to W   | N/K          | 6-May, 02:35       |
|   | 3-5km N   | Recorded      | 1          | Projectile | W to E   | N/K          | 6-May, 02:48       |
|   | 3-5km N   | Recorded      | 1          | Projectile | W to E   | N/K          | 6-May, 02:49       |
|   | 3-5km N   | Recorded      | 1          | Projectile | W to E   | N/K          | 6-May, 02:50       |
|   | 3-5km N   | Recorded      | 1          | Projectile | E to W   | N/K          | 6-May, 02:50       |
|   | 3-5km N   | Recorded      | 2          | Projectile | E to W   | N/K          | 6-May, 02:51       |
|   | 3-5km N   | Recorded      | 2          | Projectile | W to E   | N/K          | 6-May, 02:51       |
|   | 3-5km N   | Recorded      | 2          | Projectile | E to W   | N/K          | 6-May, 02:52       |
|   | 3-5km N   | Recorded      | 3          | Projectile | W to E   | N/K          | 6-May, 02:52       |
|   | 3-5km NNE | Recorded      | 7          | Projectile | W to E   | N/K          | 6-May, 02:54       |
|   | 3-5km NNE | Recorded      | 3          | Projectile | E to W   | N/K          | 6-May, 02:55       |
|   | 3-5km NNE | Recorded      | 7          | Projectile | W to E   | N/K          | 6-May, 02:56       |
|   | 3-5km NNE | Recorded      | 3          | Projectile | E to W   | N/K          | 6-May, 03:04       |
|   | 3-5km NNE | Recorded      | 17         | Projectile | W to E   | N/K          | 6-May, 03:19       |
|   | 3-5km N   | Recorded      | 1          | Projectile | W to E   | N/K          | 6-May, 03:30       |
|   | 3-5km N   | Recorded      | 5          | Projectile | W to E   | N/K          | 6-May, 03:31       |
|   | 3-5km N   | Recorded      | 3          | Projectile | W to E   | N/K          | 6-May, 03:32       |
|   | 3-5km N   | Recorded      | 6          | Projectile | E to W   | N/K          | 6-May, 03:39       |
|   | 3-5km N   | Recorded      | 1          | Projectile | E to W   | N/K          | 6-May, 03:45       |
| 3-5km NNE   | Recorded  | 2             | Projectile | E to W     | N/K  | 6-May, 03:50 |                    |
| SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)                             | 3-5km W   | Recorded      | 1          | Explosion  | Undetermined   | N/K          | 5-May, 22:32       |
| About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk) | 2-4km SW  | Heard         | 1          | Explosion  | Undetermined (assessed as within 5km radius of DFS)              | N/K          | 6-May, 09:03       |
|   | 2-3km SW  | Heard         | 3          | Burst      | Assessed as within 5km radius of DFS                             | HMG          | 6-May, 09:12       |
|   | 2-3km SW  | Heard         | 7          | Burst      | Assessed as within 5km radius of DFS                             | Small arms   | 6-May, 09:31-09:32 |
|   | 5-6km SW  | Heard and saw | 2          | Explosion  | Undetermined (assessed as  | N/K          | 6-May, 09:35       |

|   |             |       |    |           |   |            |                    |
|---|-------------|-------|----|-----------|---|------------|--------------------|
|   |             |       |    |           | within 5km radius of DFS)                                 |            |                    |
|   | 2-3km SW    | Heard | 3  | Shot      | Assessed as within 5km radius of DFS                      | Small arms | 6-May, 09:48-09:51 |
|   | 1.5-2km WSW | Heard | 1  | Shot      | Assessed as within 5km radius of DFS                      | Small arms | 6-May, 11:36       |
|   | 1-2km SSW   | Heard | 1  | Shot      | Assessed as within 5km radius of DFS                      | Small arms | 6-May, 11:51       |
|   | 1km W       | Heard | 3  | Shot      | Assessed as within 5km radius of DFS                      | Small arms | 6-May, 14:18       |
|   | 1km W       | Heard | 1  | Burst     | Assessed as within 5km radius of DFS                      | Small arms | 6-May, 14:18       |
|   | 1-2km SW    | Heard | 5  | Shot      | Assessed as within 5km radius of DFS                      | Small arms | 6-May, 14:59       |
|   | 2-4km SW    | Heard | 1  | Explosion | Undetermined (assessed as within 5km radius of DFS)       | N/K        | 6-May, 15:00       |
| About 600m NW of Yasynuvata (non-government-controlled, 16km NE of Donetsk) | 3-6km E     | Heard | 2  | Explosion | Undetermined  | N/K        | 6-May, 13:43       |
| Horlivka (non-government-controlled, 39km NE of Donetsk)                    | 4-5km NW    | Heard | 1  | Explosion | Undetermined  | N/K        | 5-May, 22:47       |
|   | 4-6km NW    | Heard | 15 | Explosion | Undetermined  | N/K        | 6-May, 00:15       |
| About 6km N of Horlivka (non-government-controlled, 39km NE of Donetsk)     | 4-5km NNW   | Heard | 3  | Explosion | Undetermined  | N/K        | 6-May, 14:48-15:02 |
|   | 4-5km NNW   | Heard | 3  | Explosion | Undetermined  | N/K        | 6-May, 15:06-15:10 |
| About 800m SW of Olenivka (non-government-controlled, 23km SW of Donetsk)   | 1-1.5km E   | Heard | 2  | Burst     |   | Small arms | 6-May, 11:41       |
| About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)     | 4-5km SSE   | Heard | 2  | Explosion | Undetermined (assessed as outside the disengagement area) | N/K        | 6-May, 13:38       |
|   | 3-4km SSE   | Heard | 5  | Explosion | Undetermined (assessed as outside the disengagement area) | N/K        | 6-May, 13:45       |
|   | 4-5km SSE   | Heard | 6  | Explosion | Undetermined (assessed as outside the                     | N/K        | 6-May, 14:18-14:21 |

|  |           |       |    |           |   |            |                    |
|--|-----------|-------|----|-----------|---|------------|--------------------|
|  |           |       |    |           | disengagement area)   |            |                    |
|  | 4-5km SSE | Heard | 7  | Burst     | Assessed as outside the disengagement area                          | HMG        | 6-May, 14:18-14:21 |
|  | 3-5km SSE | Heard | 13 | Explosion | Undetermined (assessed as outside the disengagement area)           | N/K        | 6-May, 14:22-14:32 |
| About 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)          | 4-5km SSE | Heard | 9  | Shot      | Assessed as outside the Petrivske disengagement                     | Small arms | 6-May, 13:47       |
|  | 3-4km SSE | Heard | 1  | Shot      | Assessed as outside the Petrivske disengagement                     | Small arms | 6-May, 14:11       |
|  | 4-5km ESE | Heard | 7  | Explosion | Undetermined (assessed as outside the Petrivske disengagement area) | N/K        | 6-May, 14:18-14:22 |
|  | 4-5km ESE | Heard | 10 | Shot      | Assessed as outside the Petrivske disengagement                     | Small arms | 6-May, 14:18-14:22 |
|  | 4-5km ESE | Heard | 1  | Explosion | Undetermined (assessed as outside the Petrivske disengagement area) | N/K        | 6-May, 14:25-14:31 |
|  | 4-5km ESE | Heard | 10 | Shot      | Assessed as outside the Petrivske disengagement                     | Small arms | 6-May, 14:25-14:31 |
| About 300m SE of Chermalyk (government-controlled, 77km south of Donetsk)      | 2-3km SE  | Heard | 1  | Explosion | Undetermined  | N/K        | 6-May, 10:46       |
| About 1.5km NE of Berezove (government-controlled, 31km south-west of Donetsk) | 5km E     | Heard | 1  | Explosion | Undetermined  | N/K        | 6-May, 11:24       |
| About 2km NE of Berezove (government-controlled, 31km south-west of Donetsk)   | 2-3km ESE | Heard | 4  | Explosion | Undetermined  | N/K        | 6-May, 14:19       |
|  | 2-3km ESE | Heard | 2  | Explosion | Undetermined  | N/K        | 6-May, 14:29       |
| About 4km SE of Avdiivka (government-controlled, 17km N of Donetsk)            | 2-3km SW  | Heard | 3  | Burst     | Undetermined (assessed as within 5km radius of DFS)                 | N/K        | 6-May, 09:31       |

|   |          |          |    |           |  |            |                    |
|---|----------|----------|----|-----------|--|------------|--------------------|
| About 2km NW of Kashtanove (non-government-controlled, 13km N of Donetsk) | 2-3km SW | Heard    | 3  | Burst     | Undetermined (Assessed as within 5km radius of DFS)              | Small arms | 6-May, 09:31       |
| Svitlodarsk (government-controlled, 57km NE of Donetsk)                   | 2-3km SW | Heard    | 4  | Shot      |  | Small arms | 5-May, 21:47       |
|   | 2-3km SW | Heard    | 1  | Explosion | Undetermined   | N/K        | 5-May, 23:11       |
|   | 3-5km SW | Heard    | 2  | Explosion | Undetermined   | N/K        | 6-May, 11:37-11:39 |
| SMM camera in Zolote (government-controlled, 60km W of Luhansk)           | 4-6km E  | Recorded | 1  | Explosion | Undetermined (assessed as outside the disengagement area)        | N/K        | 6-May, 00:57       |
| N edge of Popasna (government-controlled, 69km W of Luhansk)              | 5-8km SE | Heard    | 47 | Explosion | Undetermined (assessed as outside the Zolote disengagement area) | N/K        | 6-May, 07:30-07:40 |
|   | 5-8km SE | Heard    | 10 | Burst     | Assessed as outside the Zolote disengagement area                | Small arms | 6-May, 07:30-07:40 |
| E edge of Popasna (government-controlled, 69km W of Luhansk)              | 1-3km S  | Heard    | 7  | Shot      |  | N/K        | 6-May, 13:10       |

### Map of Donetsk and Luhansk regions<sup>12</sup>



<sup>12</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: a forward patrol base from which SMM staff has temporarily relocated based on recommendations of security experts from participating States as well as SMM security considerations. The SMM uses the premises during daylight hours and patrols in this settlement during daylight hours, as well).