

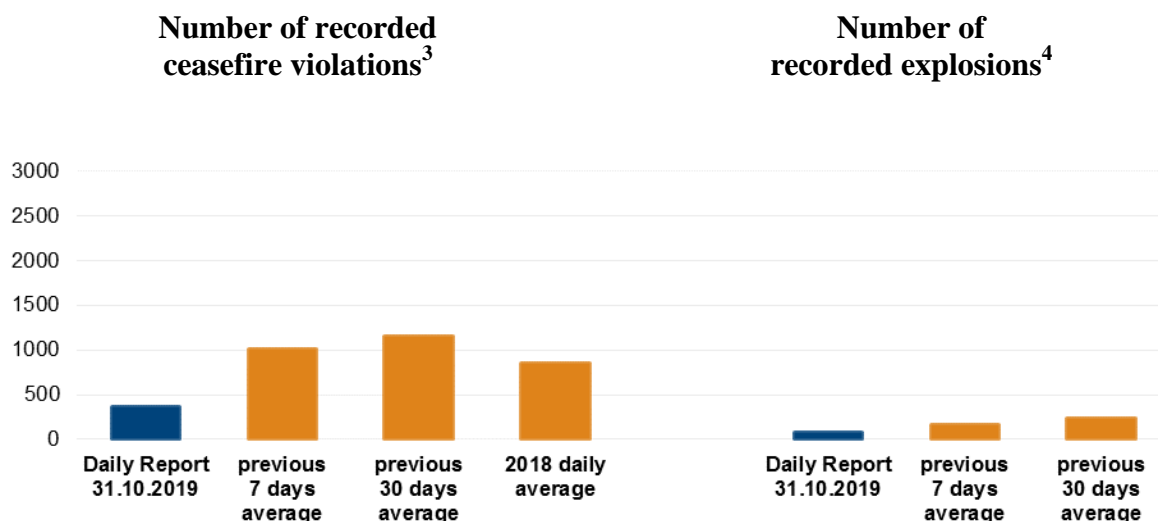
# Daily Report 258/2019

31 October 2019<sup>1</sup>

## Summary

- Compared with the previous reporting period, the SMM recorded fewer ceasefire violations in Donetsk region and more in Luhansk region.
- The SMM observed further withdrawal of forces and hardware from the Zolote disengagement area.
- Inside the Stanytsia Luhanska disengagement area, the Mission continued to observe construction works at the broken section of the bridge.
- The Mission recorded ceasefire violations inside the Petrivske disengagement area.
- The SMM observed two weapons in violation of withdrawal lines in government-controlled areas of Donetsk region.
- The Mission saw for the first time unexploded ordnance in non-government-controlled Sakhanka and Roza.
- The SMM monitored adherence to the ceasefire to facilitate the operation of and repairs to critical civilian infrastructure on both sides of the contact line.
- Restrictions of the SMM's freedom of movement continued.\*

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



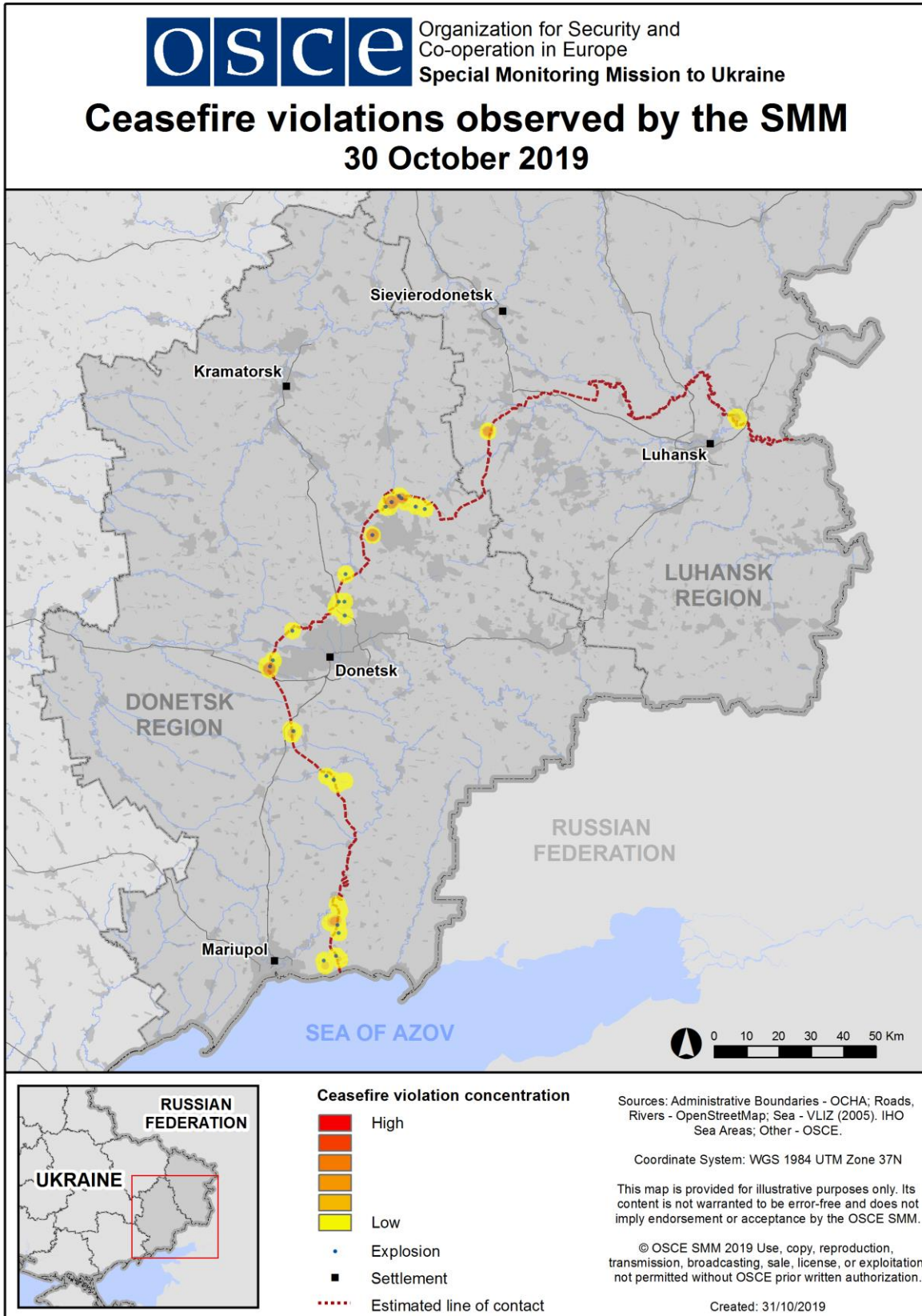
<sup>1</sup> Based on information from the Monitoring Teams as of 19:30, 30 October 2019. All times are in Eastern European Time.

<sup>2</sup> For a complete breakdown of ceasefire violations, please see the annexed table. During the reporting period, the SMM camera in Shyrokyne 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 fewer explosions (about 60), compared with the [previous reporting period](#) (100 explosions). The majority of ceasefire violations, including the majority of explosions, were recorded in areas north-west of Horlivka (non-government-controlled, 39km north-east of Donetsk) and in areas north-east of Marinka (government-controlled, 23km south-west of Donetsk).

In Luhansk region, the Mission recorded more ceasefire violations, including, however, fewer explosions (two), compared with the [previous reporting period](#) (four explosions). The majority of ceasefire violations were recorded in areas south-west of Molodizhne (non-government-controlled, 63km north-west of Luhansk).

### **Disengagement process at the Zolote disengagement area<sup>5</sup>**

On 30 October, the SMM continued to observe withdrawal of forces and hardware from the **disengagement area near Zolote** (government-controlled, 60km west of Luhansk).

At 12:06, while positioned at the northern edge of the disengagement area, the SMM saw eight Ukrainian Armed Forces personnel (seven armed with AK-type assault rifles) arriving from the direction of Katerynivka (government-controlled, 64km west of Luhansk), inside the disengagement area, on board of a military truck (loaded with ammunition crates) and disembarking it about 150-200m east of a checkpoint of the Ukrainian Armed Forces about 300m north of the disengagement area. At 12:19, the SMM saw eight Ukrainian Armed Forces personnel (armed with AK-type assault rifles) arriving from the direction of Katerynivka, inside the disengagement area, on board a military truck (loaded with ammunition crates, a heavy machine gun, a self-propelled grenade and an automatic grenade launcher) and disembarking the truck about 150-200m east of the aforesaid checkpoint.

Additionally, at 12:14, the SMM saw three Ukrainian Armed Forces personnel (armed with AK-type assault rifles) on board of a military truck (loaded with ammunition crates, a heavy-machine gun, a self-propelled grenade and an automatic grenade launcher) arriving from the direction of Zolote-4/Rodina (government-controlled, 61km west of Luhansk) and disembarking the truck about 25m south of a checkpoint of the Ukrainian Armed Forces about 300m north of the disengagement area. At 12:26, the SMM saw two Ukrainian Armed Forces personnel (armed with AK-type assault rifles) on board of two military trucks (loaded with ammunition crates, a rocket-propelled grenade launcher, two general-purpose machine guns and a heavy machine gun) arriving from the direction of Zolote-4/Rodina and disembarking the trucks about 50-100m west of the aforesaid checkpoint.

On the same day, outside the disengagement area, the SMM saw a truck and 15 Ukrainian Armed Forces personnel who were laying barbed wire in a field about 200m east of road T-1316 just north of the northern edge of the disengagement area.

On the afternoon of 29 October, inside the disengagement area, an SMM mini-unmanned aerial vehicle (UAV) spotted four persons assessed as Ukrainian Armed Forces personnel in military positions 1-2km east of road T-1316, all about 60m south of the northern edge of the disengagement area. The same UAV spotted a police car, a probable police officer, two persons assessed as Ukrainian Armed Forces personnel and a military truck in residential areas of Katerynivka. On road T-1316, about 5m south of the northern edge of the

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<sup>5</sup> Disengagement is foreseen in the [Framework Decision of the Trilateral Contact Group relating to disengagement of forces and hardware](#) of 21 September 2016.

disengagement area, an SMM long-range UAV spotted a military truck. SMM UAVs also spotted three persons assessed as Ukrainian Armed Forces personnel about 400m north-east of the railway bridge as well as two persons assessed as Ukrainian Armed Forces personnel and works on a defensive position about 30m north of the bridge.

On the same day, an SMM mini-UAV [again](#) spotted 15 probable anti-tank mines assessed as belonging to the armed formations about 500m north of the southern edge of the disengagement area and about 70m east of road T-1316. It also saw a truck and a person, assessed as a member of the armed formations, about 150m north of its southern edge and about 800m west of its eastern edge. (For recent observations, see [SMM Spot Report 29 October 2019](#) and [SMM Daily Report 30 October 2019](#).)

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

On 30 October, inside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), the Mission observed eight workers from government-controlled areas clearing vegetation on the western side of the road near a shelter of an international humanitarian organization located north of the broken section the bridge. It saw additional 14 workers from government-controlled areas continuing the construction works at the broken section of the bridge (pouring concrete into the mould on top of one pillar and welding anchor points onto a second pillar of the bridge). The Mission also saw steel structural beams being lifted by a crane and welded to the foundation of one of the pillars.

On the same day, the SMM saw 11 workers from non-government-controlled areas laying asphalt in the parking area south-west of the bridge and near the checkpoint of the armed formations. It saw additional five workers from non-government-controlled areas clearing vegetation and removing debris on the western side of the aforementioned checkpoint north of a shelter of an international humanitarian organization. At the same location, the SMM saw vegetation burning about 30m west of the road. The Mission also saw at least six members of the armed formations (wearing armbands with “JCCC” written on them) between the checkpoint and the southern edge of the broken section of the bridge.

On the evening of 29 October, positioned on the eastern edge of Stanytsia Luhanska, the SMM heard four shots of small-arms fire at an assessed range of 3-4km west-south-west, assessed as outside the disengagement area. On 30 October, positioned at the same location, the SMM heard nine shots of small-arms fire at an assessed range of 3-4km west-south-west, assessed as outside the area.

On the same day, positioned in Petrivske (non-government-controlled, 41km south of Donetsk), the SMM heard two shots of small-arms fire at an assessed range of 1-2km south-west, assessed as inside the **disengagement area near Petrivske**. Positioned about 2km north of Petrivske, the SMM heard two shots of small-arms fire at an assessed range of 1-2km south-south-east and three undetermined explosions at an assessed range of 2-6km at westerly directions, all assessed as outside the disengagement area, but within its 5km periphery.

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<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.

Outside the disengagement area, on 30 October, the SMM saw for the first time nine mine hazard signs (red squares with “Mine” written in Russian on them), about 1.5km north-east of its north-eastern edge.

### **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.

The Mission observed two weapons in violation of withdrawal lines in government-controlled areas of Donetsk region. It also observed a weapon beyond withdrawal lines but outside of designated storage sites in a government-controlled area of Donetsk region (for further details, see the tables below).

### **Weapons that the SMM could not verify as withdrawn<sup>7</sup>**

*At three heavy weapons holding areas in government-controlled areas of Luhansk region*

29 October

The SMM noted that:

- two self-propelled howitzers (2S3 *Akatsiya*, 152mm), six towed howitzers (D-30 *Lyagushka*, 122mm) and six anti-tank guns (MT-12 *Rapira*, 100mm) were present; and
- 16 self-propelled howitzers (12 2S1 *Gvozdika*, 122mm, and four 2S3) and four anti-tank guns (MT-12) continued to be missing.

### **Weapons permanent storage site**

*At a permanent storage site in a government-controlled area of Luhansk region*

29 October

The SMM noted that five mortars (2B9 *Voloshka*, 82mm) continued to be missing. The Mission noted that the site continued to be abandoned.

### **Indications of military and military-type presence in the security zone<sup>8</sup>**

The SMM observed military and military-type presence inside the security zone on both sides of the contact line in Donetsk and Luhansk regions, including two armoured personnel carriers in a residential area of Zolote-3/Stakhanovets (government-controlled, 61km west of Luhansk) (for further details, see the table below).

### **Presence of unexploded ordnance (UXO) near Sakhanka and Roza**

On 29 October, an SMM mid-range UAV [again](#) spotted at least 400 anti-tank mines (TM-62) in a field along the eastern edge of Vodiane (government-controlled, 94km south of Donetsk) and [again](#) spotted at least 55 anti-tank mines (TM-62) in a field in the south-eastern edge of Vodiane.

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<sup>7</sup> The SMM observed weapons that could not be verified as withdrawn, as their storage did not comply with the criteria set out in the 16 October 2015 notification from the SMM to the signatories of the Package of Measures on effective monitoring and verification of the withdrawal of heavy weapons. The SMM noted that one such site was abandoned.

<sup>8</sup> The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

On 30 October, the SMM [again](#) saw a 120mm mortar round embedded in the asphalt in the middle of road T-0519 close to Tavrycheske (non-government-controlled, 76km south of Donetsk), about 200m north of the nearest houses.

On the same day, the SMM saw for the first time a piece of UXO, assessed as a remnant of a surface-to-air-missile system on the side of a road on the southern outskirts of Sakhanka (non-government-controlled, 97km south of Donetsk). In Roza (non-government-controlled, 89km south of Donetsk), the SMM saw for the first time two pieces of UXO assessed as remnants of a 152mm artillery round, one lying on a road and another 15m next to the road.

On the same day, the SMM monitored adherence to the ceasefire to facilitate the removal of a tailfin of a rocket-propelled grenade on road T-0504, leading from Popasna (government-controlled, 69km west of Luhansk) to Pervomaisk (non-government-controlled, 58km west of Luhansk). The Mission saw five members of the State Emergency Service of Ukraine removing the aforesaid tailfin. (For previous observations in this area, see [SMM Daily Report 30 October 2019](#).)

### **SMM facilitation of repairs to civilian infrastructure**

The SMM monitored adherence to the ceasefire to facilitate repairs to power lines servicing the Petrivske pumping station near Artema (government-controlled, 26km north of Luhansk); to sewer pipeline near Novoluhanske (government-controlled, 53km north-east of Donetsk); to power lines in Vesele (non-government-controlled, 9km north-west of Donetsk); to a gas pipeline in Sakhanka (non-government-controlled, 97km south of Donetsk); and to high-voltage power lines near Pervomaisk.

The Mission continued to facilitate the operation of the Donetsk Filtration Station (15km north of Donetsk).

### **Peaceful gathering in Kyiv**

On 29 October in Kyiv, in front of the building of the Presidential Administration at 11 Bankova Street, the SMM saw about 400 people (mixed genders and ages), some of whom were holding flags of Ukraine and of various political parties and movements, political party chanting and expressing messages critical of the beginning of the disengagement process.

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

### **\*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, 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 26 October 2019](#)). 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 observations.*

*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:

- A community representative in Ilovaisk (non-government-controlled, 30km south of Donetsk) refused to provide the SMM with information regarding a civilian casualty.

## Table of weapons

### Weapons in violation of the withdrawal lines

| Date                               | No. | Type   | Location   | Source of observation |
|------------------------------------|-----|--|--|-----------------------|
| <b>Government-controlled areas</b> |     |  |  |                       |
| 29/10/2019                         | 1   | Surface-to-air missile systems (9K33 <i>Osa</i> )    | Between residential buildings in Vidrozhennia (66km north-east of Donetsk) | Long-range UAV        |
|                                    | 1   | Probable towed howitzer (2A54 <i>Msta-B</i> , 152mm) | 4.5km north-east of Vidrozhennia (66km north-east of Donetsk)              |                       |

### Beyond withdrawal lines but outside of designated storage sites

| Date                               | No. | Type   | Location                           | Source of observation |
|------------------------------------|-----|--|------------------------------------|-----------------------|
| <b>Government-controlled areas</b> |     |  |                                    |                       |
| 29/10/2019                         | 1   | Surface-to-air missile system (9K33 <i>Osa</i> ) | Pidhorodne (73km north of Donetsk) | Long-range UAV        |

## Table of indications of military and military-type presence in the security zone<sup>9</sup>

| Date                                   | No. | Type                                     | Location  | Source of observation |
|--|-----|--|---|-----------------------|
| <b>Government-controlled areas</b>     |     |  |   |                       |
| 29/10/2019                             | 5   | Armoured combat vehicle                  | 1.6km north-east of Popasna (69km west of Luhansk)                    | Long-range UAV        |
|  | 1   | Infantry fighting vehicle (BMP variant)  | In a residential area of Zolote-3/Stakhanovets (61km west of Luhansk) |                       |
|  | 1   | Armoured combat vehicle                  |   |                       |
|  | 1   | Armoured combat vehicle                  | In a residential area of Zolote (60km west of Luhansk)                |                       |
|  | 1   | Armoured recovery vehicle (BREM)         |   |                       |
|  | 3   | Armoured combat vehicle                  | 1.6km west of Katerynivka (64km west of Luhansk)                      |                       |
|  | 2   | Armoured combat vehicle                  | Near Vrubivka (72km west of Luhansk)                                  |                       |
|  | 5   | Infantry fighting vehicle (BMP variant)  |   |                       |
| 30/10/2019                             | 4   | Armoured combat vehicle                  | Novozvanivka (70km west of Luhansk)                                   | Patrol                |
|  | 1   | Armoured personnel carrier (BTR-80)      | Near Popasna (69km west of Luhansk)                                   |                       |
|  | 1   | Armoured personnel carrier (BTR-4)       | Near Novobakhmutivka (28km north of Donetsk)                          |                       |
|  | 2   | Armoured personnel carrier (BTR variant) | Near Novoselivka (31km north of Donetsk)                              |                       |
| <b>Non-government-controlled areas</b> |     |  |   |                       |
| 28/10/2019                             | 1   | Infantry fighting vehicle (BMP variant)  | Western edge of Debaltseve (58km north-east of Donetsk)               | Mini UAV              |
| 29/10/2019                             | 3   | Infantry fighting vehicle (BMP variant)  | Kadiivka (formerly Stakhanov, 50km west of Luhansk)                   | Long-range UAV        |
|  | 2   | Anti-aircraft gun (ZU-23, 23mm)          |   |                       |
| 30/10/2019                             | 1   | Anti-aircraft gun (ZU-23, 23mm)          | Near Oleksandrivsk (10km west of Luhansk)                             | Patrol                |
|  | 1   | Armoured personnel carrier (MT-LB)       | Donetsk city  | Patrol                |

<sup>9</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 30 October 2019<sup>10</sup>**

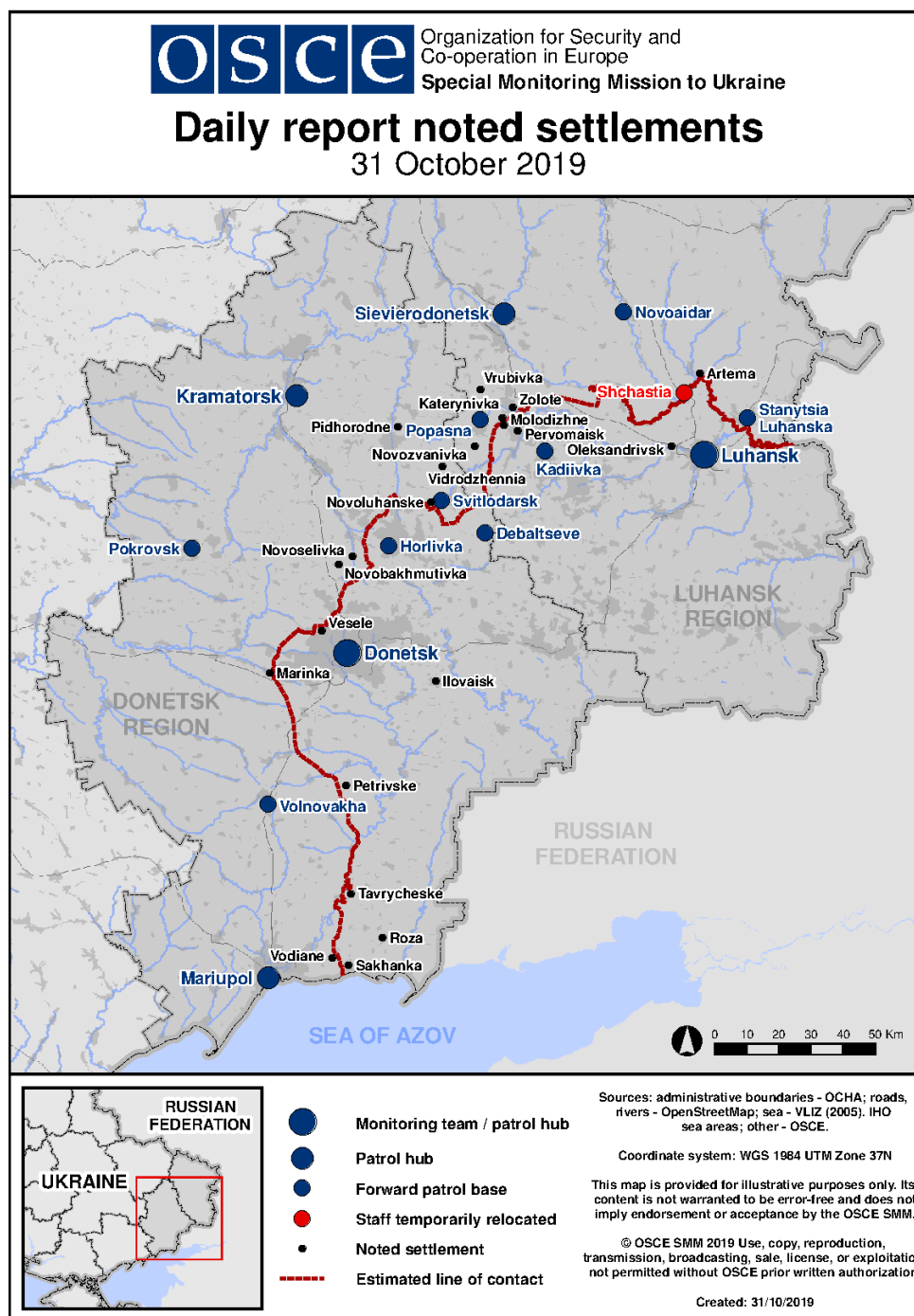
| SMM position   | Event location | Means    | No. | Observation        | Description        | Weapon | Date. time    |
|--|----------------|----------|-----|--------------------|--------------------|--------|---------------|
| SMM camera in Berezove (government-controlled, 31km SW of Donetsk)                         | 1-3km ESE      | Recorded | 1   | Projectile         | NNW to SSE         | N/K    | 29-Oct, 21:14 |
|  | 1-3km ESE      | Recorded | 1   | Projectile         | NNW to SSE         | N/K    | 29-Oct, 21:16 |
|  | 2-4km ESE      | Recorded | 1   | Explosion          | Undetermined       | N/K    | 29-Oct, 21:16 |
|  | 1-3km ESE      | Recorded | 1   | Projectile         | NNE to SSW         | N/K    | 29-Oct, 21:17 |
|  | 2-4km SE       | Recorded | 11  | Projectile         | SW to NE           | N/K    | 29-Oct, 21:19 |
| SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)                         | 3-5km SSE      | Recorded | 1   | Illumination flare | In vertical flight | N/K    | 29-Oct, 18:28 |
|  | 4-6km SSE      | Recorded | 1   | Illumination flare | In vertical flight | N/K    | 29-Oct, 19:22 |
|  | 2-4km SSE      | Recorded | 1   | Projectile         | ENE to WSW         | N/K    | 29-Oct, 23:56 |
| SMM camera at Donetsk Filtration Station (15km N of Donetsk)                               | 1-3km S        | Recorded | 1   | Illumination flare | In vertical flight | N/K    | 29-Oct, 20:21 |
|  | 1-3km SSW      | Recorded | 1   | Projectile         | NW to SE           | N/K    | 29-Oct, 20:30 |
|  | 1-3km SSW      | Recorded | 1   | Projectile         | ENE to WSW         | N/K    | 29-Oct, 22:03 |
| SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)                  | 3-5km E        | Recorded | 1   | Explosion          | Undetermined       | N/K    | 29-Oct, 19:16 |
|  | 3-5km ENE      | Recorded | 6   | Projectile         | S to N             | N/K    | 29-Oct, 22:22 |
|  | 3-5km ENE      | Recorded | 1   | Projectile         | N to S             | N/K    | 29-Oct, 22:22 |
|  | 3-5km ENE      | Recorded | 1   | Muzzle flash       |                    | N/K    | 29-Oct, 22:22 |
|  | 3-5km ENE      | Recorded | 1   | Projectile         | S to N             | N/K    | 29-Oct, 22:23 |
|  | 3-5km ENE      | Recorded | 5   | Projectile         | S to N             | N/K    | 29-Oct, 22:25 |
|  | 3-5km ENE      | Recorded | 1   | Projectile         | S to N             | N/K    | 29-Oct, 23:15 |
| SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk) | 2-4km E        | Recorded | 1   | Muzzle flash       |                    | N/K    | 29-Oct, 19:04 |
|  | 2-4km E        | Recorded | 1   | Projectile         | N to S             | N/K    | 29-Oct, 19:04 |
|  | 1-3km E        | Recorded | 1   | Explosion          | Undetermined       | N/K    | 29-Oct, 19:06 |
|  | 2-4km ENE      | Recorded | 1   | Projectile         | NNE to SSW         | N/K    | 29-Oct, 21:12 |
|  | 3-5km ENE      | Recorded | 25  | Projectile         | N to S             | N/K    | 29-Oct, 21:34 |
|  | 3-5km ENE      | Recorded | 17  | Projectile         | N to S             | N/K    | 29-Oct, 21:35 |
|  | 3-5km ENE      | Recorded | 1   | Illumination flare | Undetermined       | N/K    | 29-Oct, 23:30 |
|  | 3-5km ENE      | Recorded | 1   | Illumination flare | Undetermined       | N/K    | 29-Oct, 23:31 |
|  | 3-5km ENE      | Recorded | 3   | Projectile         | N to S             | N/K    | 29-Oct, 23:32 |
|  | 3-5km ENE      | Recorded | 1   | Projectile         | NE to SW           | N/K    | 30-Oct, 00:44 |
| SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk) | 2-4km N        | Recorded | 1   | Illumination flare | In vertical flight | N/K    | 29-Oct, 21:04 |
| SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 84km S of Donetsk) | 1-2km SSE      | Recorded | 3   | Projectile         | W to E             | N/K    | 29-Oct, 22:25 |
|  | 1-2km SSE      | Recorded | 8   | Projectile         | W to E             | N/K    | 29-Oct, 23:13 |
|  | 1-2km S        | Recorded | 3   | Projectile         | W to E             | N/K    | 30-Oct, 01:44 |
|  | 1-2km S        | Recorded | 1   | Projectile         | In vertical flight | N/K    | 30-Oct, 01:44 |
| SMM camera at entry-exit   | 1-3km NNE      | Recorded | 7   | Projectile         | W to E             | N/K    | 30-Oct, 17:25 |
|  | 4-6km NNE      | Recorded | 1   | Explosion          | Undetermined       | N/K    | 30-Oct, 17:25 |

<sup>10</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.

|  |           |          |    |                    |   |            |                     |
|--|-----------|----------|----|--------------------|---|------------|---------------------|
| checkpoint in Marinka (government-controlled, 23km SW of Donetsk)                                | 1-3km NNE | Recorded | 2  | Projectile         | W to E  | N/K        | 30-Oct, 17:26       |
|  | 1-3km NNE | Recorded | 7  | Projectile         | W to E  | N/K        | 30-Oct, 17:27       |
|  | 2-4km NNE | Recorded | 3  | Projectile         | W to E  | N/K        | 30-Oct, 17:27       |
|  | 1-3km NNE | Recorded | 24 | Projectile         | W to E  | N/K        | 30-Oct, 17:28       |
|  | 2-4km NNE | Recorded | 5  | Projectile         | W to E  | N/K        | 30-Oct, 17:28       |
|  | 2-4km NNE | Recorded | 1  | Explosion          | Airburst  | N/K        | 30-Oct, 17:28       |
|  | 1-3km NNE | Recorded | 1  | Projectile         | In vertical flight  | N/K        | 30-Oct, 17:30       |
|  | 1-3km NNE | Recorded | 4  | Projectile         | W to E  | N/K        | 30-Oct, 17:30       |
|  | 1-3km NNE | Recorded | 2  | Projectile         | SW to NE  | N/K        | 30-Oct, 17:30       |
|  | 1-3km NNE | Recorded | 1  | Projectile         | SW to NE  | N/K        | 30-Oct, 17:31       |
|  | 2-4km N   | Recorded | 1  | Illumination flare | In vertical flight  | N/K        | 29-Oct, 20:50       |
| About 1km N of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk) | 2-3km W   | Heard    | 1  | Explosion          | Undetermined  | N/K        | 30-Oct, 08:52       |
|  | 2-3km W   | Heard    | 1  | Explosion          | Undetermined  | N/K        | 30-Oct, 08:57       |
|  | 1-2km WSW | Heard    | 1  | Burst              |   | Small arms | 30-Oct, 09:10       |
|  | 3-5km S   | Heard    | 1  | Explosion          | Undetermined  | N/K        | 30-Oct, 09:25       |
| Petrivske (non-government-controlled, 41km S of Donetsk)   | 3-5km S   | Heard    | 1  | Explosion          | Undetermined  | N/K        | 30-Oct, 13:48       |
|  | 1-2km SW  | Heard    | 2  | Shot               | Assessed as inside the disengagement area                 | Small arms | 30-Oct, 10:20       |
| About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)                          | 4-6km W   | Heard    | 1  | Explosion          | Undetermined (assessed as outside the disengagement area) | N/K        | 30-Oct, 09:30       |
|  | 2-4km WSW | Heard    | 1  | Explosion          | Undetermined (assessed as outside the disengagement area) | N/K        | 30-Oct, 14:26       |
|  | 2-4km WSW | Heard    | 1  | Explosion          | Undetermined (assessed as outside the disengagement area) | N/K        | 30-Oct, 14:31       |
|  | 1-2km SSE | Heard    | 2  | Shot               | Assessed as outside the disengagement area                | Small arms | 30-Oct, 14:31       |
|  | 3km SW    | Heard    | 1  | Explosion          | Undetermined  | N/K        | 30-Oct, 09:49       |
| Sakhanka (non-government controlled, 24km NE of Mariupol)  | 2km NW    | Heard    | 7  | Burst              |   | Small arms | 30-Oct, 10:46-10:47 |
|  | 3-4km NW  | Heard    | 2  | Explosion          | Undetermined  | N/K        | 30-Oct, 10:54       |
| Zaichenko (non-government-controlled, 93km south of Donetsk)                                     | 3-4km NW  | Heard    | 2  | Explosion          | Undetermined  | N/K        | 30-Oct, 11:34       |
| About 2km SE of Lebedynske (government-controlled, 99km south of Donetsk)                        | 1km NNE   | Heard    | 11 | Burst              |   | Small arms | 30-Oct, 10:21-10:26 |
|  | 2-3km N   | Heard    | 1  | Explosion          | Undetermined  | N/K        | 30-Oct, 10:21-10:26 |
| Horlivka (non-government-controlled, 39km  | 4-5km WNW | Heard    | 15 | Explosion          | Undetermined  | N/K        | 29-Oct, 23:02       |
|  | 4-5km WNW | Heard    | 10 | Burst              |   | HMG        | 29-Oct, 23:45       |
|  | 4-5km WNW | Heard    | 7  | Burst              |   | HMG        | 29-Oct, 23:50       |

|  |            |       |    |           |  |            |                     |
|--|------------|-------|----|-----------|--|------------|---------------------|
| NE of Donetsk)   | 4-5km WNW  | Heard | 5  | Explosion | Undetermined                               | N/K        | 29-Oct, 23:50       |
|  | 4-5km WNW  | Heard | 15 | Burst     |  | HMG        | 30-Oct, 00:40       |
|  | 4-5km WNW  | Heard | 7  | Explosion | Undetermined                               | N/K        | 30-Oct, 00:45       |
|  | 4-5km WNW  | Heard | 3  | Explosion | Undetermined                               | N/K        | 30-Oct, 00:50       |
|  | 4-5km WNW  | Heard | 1  | Explosion | Undetermined                               | N/K        | 30-Oct, 16:40       |
| Holmivskiyi<br>(non-government-controlled, 49km NE of Donetsk)               | 3-4km NW   | Heard | 1  | Explosion | Undetermined                               | N/K        | 30-Oct, 10:30       |
|  | 0.5-1km NW | Heard | 2  | Shot      |  | Small arms | 30-Oct, 10:43       |
|  | 2-3km NW   | Heard | 1  | Explosion | Undetermined                               | N/K        | 30-Oct, 12:36       |
|  | 2-3km NW   | Heard | 2  | Explosion | Undetermined                               | N/K        | 30-Oct, 12:38       |
|  | 2-3km NW   | Heard | 25 | Burst     |  | HMG        | 30-Oct, 12:38       |
| SW edge of Novoluhanske<br>(government-controlled, 53km NE of Donetsk)       | 3-4km S    | Heard | 2  | Explosion | Undetermined                               | N/K        | 30-Oct, 11:30       |
|  | 3-5km SW   | Heard | 1  | Explosion | Undetermined                               | N/K        | 30-Oct, 13:27       |
|  | 3-5km SW   | Heard | 7  | Shot      |  | Small arms | 30-Oct, 13:27       |
| SW edge of Novhorodske<br>(government-controlled, 35km N of Donetsk)         |            |       | 1  |           |  |            |                     |
|  | 3-5km SE   | Heard |    | Explosion | Undetermined                               | N/K        | 30-Oct, 12:06       |
| About 500m NE of Kamianka<br>(government-controlled, 20km N of Donetsk)      |            |       | 1  |           |  |            |                     |
|  | 4-6km NE   | Heard |    | Explosion | Undetermined                               | N/K        | 30-Oct, 13:37       |
| E edge of Stanytsia Luhanska<br>(government-controlled, 16km NE of Luhansk)  |            |       | 1  |           | Assessed as outside the disengagement area | Small arms |                     |
|  | 3-4km WSW  | Heard |    | Shot      |  |            | 29-Oct, 22:50       |
|  |            |       | 2  |           | Assessed as outside the disengagement area | Small arms |                     |
|  | 3-4km WSW  | Heard |    | Shot      |  |            | 29-Oct, 22:57       |
|  |            |       | 1  |           | Assessed as outside the disengagement area | Small arms |                     |
|  | 3-4km WSW  | Heard |    | Shot      |  |            | 29-Oct, 22:59       |
|  |            |       | 9  |           | Assessed as outside the disengagement area | Small arms |                     |
| About 2km SW of Molodizhne<br>(non-government-controlled, 63km W of Luhansk) | 5km N/K    | Heard | 1  | Explosion | Undetermined                               | N/K        | 30-Oct, 10:32       |
|  | 3-4km SW   | Heard | 19 | Shot      |  | HMG        | 30-Oct, 11:21-11:25 |
|  | 3-4km SW   | Heard | 10 | Shot      |  | HMG        | 30-Oct, 11:30-11:35 |
|  | 5km N/K    | Heard | 1  | Explosion | Undetermined                               | N/K        | 30-Oct, 12:08       |

### Map of Donetsk and Luhansk regions<sup>11</sup>



<sup>11</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).