

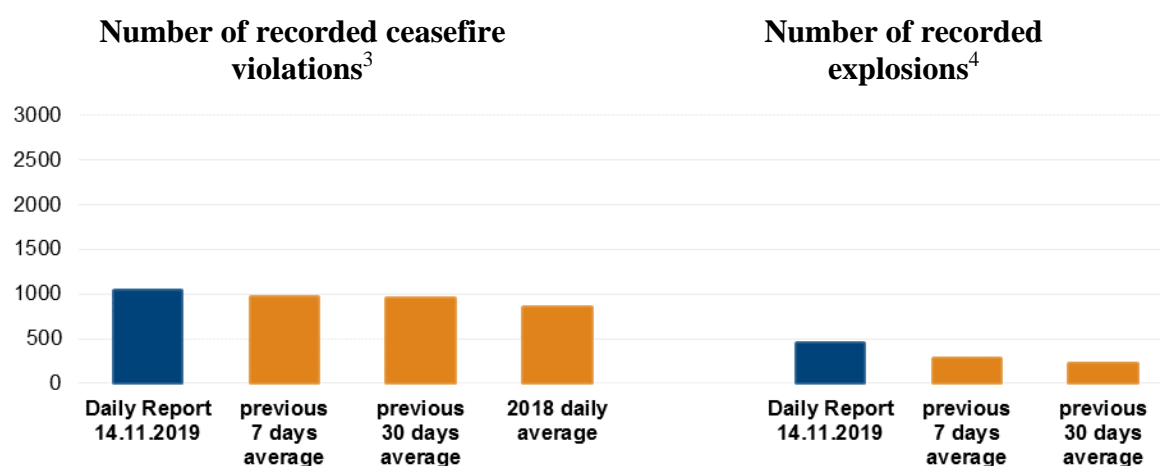
Daily Report 270/2019

14 November 2019¹

Summary

- Compared with the previous reporting period, the SMM recorded more ceasefire violations in Donetsk region and fewer in Luhansk region.
- The SMM was notified by the Ukrainian Armed Forces and by the armed formations in non-government-controlled areas of Donetsk region that the withdrawal of forces and hardware in the Petrivske disengagement area was completed. The Mission saw demining activities inside and near the disengagement area.
- The Mission continued to observe demining activities inside the Zolote disengagement area.
- Inside the Stanytsia Luhanska disengagement area, the SMM continued to observe construction works at the broken section of the bridge.
- The Mission continued 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, including at checkpoints near non-government-controlled Zaichenko, Nova Marivka, Starolaspa and Shevchenko.*

Ceasefire violations²



¹ Based on information from the Monitoring Teams as of 19:30, 13 November 2019. All times are in Eastern European Time.

² For a complete breakdown of ceasefire violations, please see the annexed table. During the reporting period, fog limited the observation capabilities of some of the SMM cameras.

³ Including explosions.

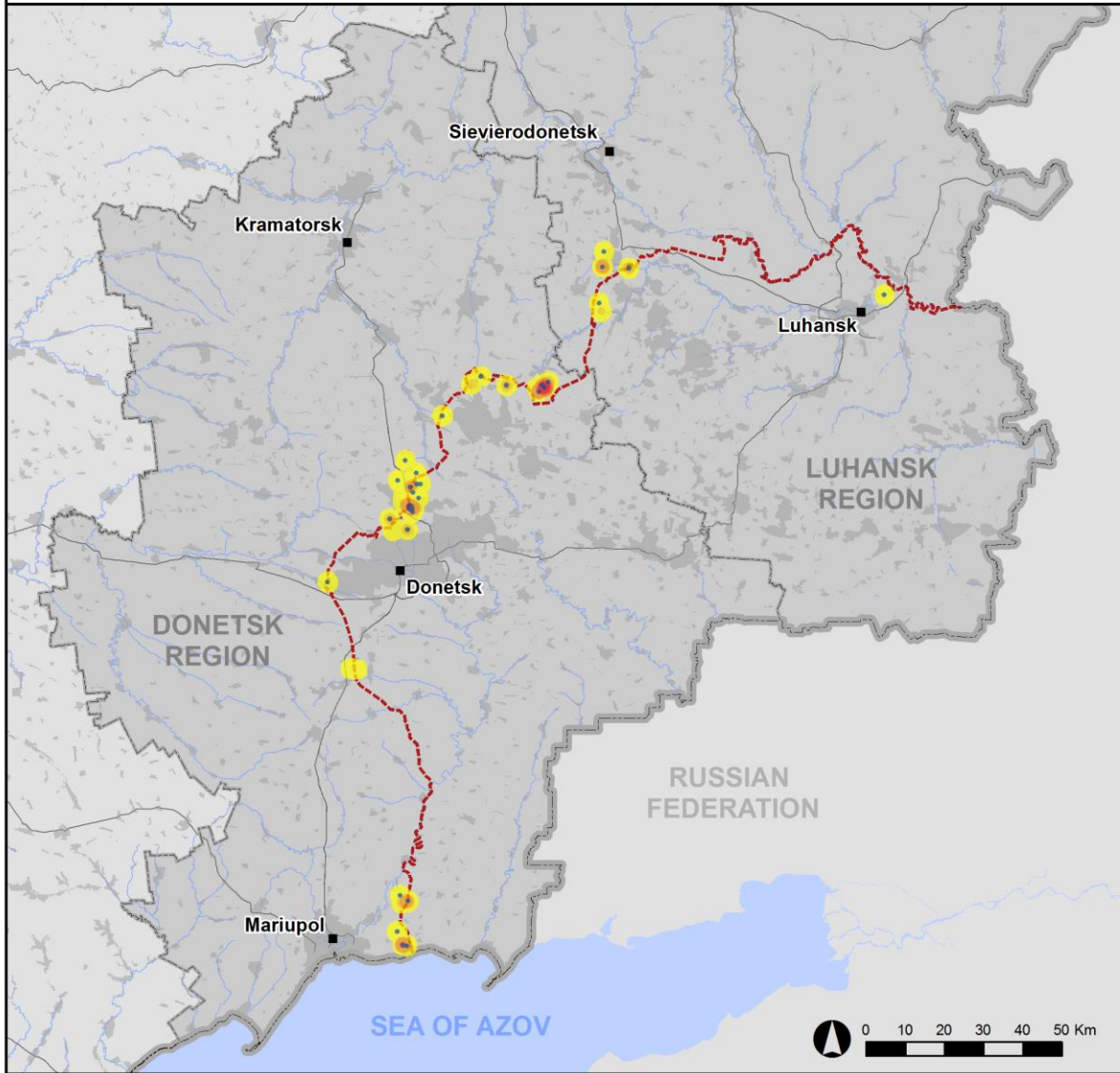
⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

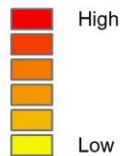


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 13 November 2019



Ceasefire violation concentration



- Explosion
- Settlement
- Estimated line of contact

Sources: Administrative Boundaries - OCHA; Roads, Rivers - OpenStreetMap; Sea - VLIZ (2005). IHO Sea Areas; Other - OSCE.

Coordinate System: WGS 1984 UTM Zone 37N

This map is provided for illustrative purposes only. Its content is not warranted to be error-free and does not imply endorsement or acceptance by the OSCE SMM.

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Created: 14/11/2019

In Donetsk region, the SMM recorded more ceasefire violations, including about 390 explosions, compared with the [previous reporting period](#) (about 190 explosions). The majority of ceasefire violations, including about 220 undetermined explosions, were recorded in areas south-east of Svitlodarsk (government-controlled, 57km north-east of Donetsk).

In Luhansk region, the Mission recorded fewer ceasefire violations, including about 60 explosions, compared with the [previous reporting period](#) (about 40 explosions). The majority of ceasefire violations were recorded in areas north-east of Popasna (government-controlled, 69km west of Luhansk), including about 40 explosions close to the disengagement area near Zolote (government-controlled, 60km west of Luhansk) (see below).

Disengagement process at the Petrivske disengagement area⁵

On 12 November, the SMM received a letter from the armed formations in non-government-controlled areas of Donetsk region notifying that they had completed the withdrawal of forces and hardware in the agreed **disengagement area near Petrivske** (non-government-controlled, 41km south of Donetsk), and notifying about their readiness to begin the removal of fortifications and other installations of military value from the disengagement area.

On 13 November, the SMM received two Notes Verbales from the Ministry of Foreign Affairs of Ukraine notifying that they had completed the withdrawal of forces and hardware in the agreed disengagement area near Petrivske, and notifying about their readiness to begin the removal of fortifications and other installations of military value from the disengagement area (see [SMM Spot Report 13 November 2019](#)).

On 12 November, imagery from an SMM mini-unmanned aerial vehicle (UAV) flight inside the disengagement area revealed that previously observed trenches in the area's north-western corner as well as about 2km and 1.2km east of its western edge, all assessed as belonging to the Ukrainian Armed Forces, were empty of hardware and personnel.

Outside the disengagement area, about 400m north-west of its north-west corner, the same UAV spotted an infantry fighting vehicle (BMP-2) and a newly dug trench (350m in length), assessed as belonging to the Ukrainian Armed Forces (not seen in imagery from 11 November 2019).

On 13 November positioned 1.7km east of Bohdanivka (government-controlled, 41km south-west of Donetsk), the SMM saw 26 workers of the State Emergency Service of Ukraine conducting demining activities inside the disengagement area, south of the disengagement area's northern edge.

On the same day, positioned on the western edge of Petrivske, the Mission saw 12 deminers from non-government-controlled areas conducting demining activities about 50m east of the disengagement area's north-eastern corner.

⁵ Disengagement is foreseen in the Framework Decision of the Trilateral Contact Group relating to disengagement of forces and hardware of 21 September 2016.

Disengagement areas near Zolote and Stanytsia Luhanska

On 12 November, imagery from SMM mini-UAV flights over previously observed trenches and positions, assessed as belonging to the Ukrainian Armed Forces, on the northern edge of the **disengagement area near Zolote** and about 500m west of its eastern edge, revealed that these trenches and positions were empty of hardware and personnel.

On the same day, an SMM mini-UAV spotted five persons wearing protective clothing conducting demining activities west of road T-1316, about 1km north of the area's southern edge. The UAV also spotted an additional 18 persons (three of whom were wearing high visibility vests) clearing vegetation on both sides of the aforementioned road.

Outside the disengagement area, SMM mini-UAVs spotted for the first time two trenches (300m and 40m in length, respectively) about 140m north of the area's northern edge (not seen in imagery from 12 October 2019).

On 13 November, positioned on the southern edge of the disengagement area, the SMM saw nine deminers and 17 workers from non-government-controlled areas entering the area on road T1316, as well as five members of the armed formations (wearing armbands with "JCCC" written on them) standing near the blue container south of the checkpoint of the armed formations on the area's southern edge. The Mission also saw a crane and two workers remove some of the concrete blocks at the checkpoint and heard four explosions 0.5-1km north and north-west, assessed as controlled detonations.

On the same day, positioned on the northern edge of Popasna and on the south-western edge of Zolote-5/Mykhailivka (non-government-controlled, 58km west of Luhansk), the SMM heard 49 undetermined explosions and ten shots of small-arms fire, all assessed as outside the disengagement area but within its 5km periphery.

On 13 November, inside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), the Mission saw 19 workers from government-controlled areas applying coating onto the new deck at the broken section of the Stanytsia Luhanska bridge (15km north-east of Luhansk) and installing the drainage system and railings.

On the same day, south of the bridge, the SMM saw eight workers from non-government-controlled areas clearing vegetation on both sides of the road and burning cut vegetation and tyres. The Mission also saw nine members of the armed formations (wearing armbands with "JCCC" written on them) between the broken section of bridge and the checkpoint of the armed formations south of the bridge.

On the night of 12-13 November, while on the eastern edge of Stanytsia Luhanska, the Mission heard two undetermined explosions 5-10km south-west, assessed as outside the disengagement area but within its 5km 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.

The Mission observed a weapon (towed artillery) beyond withdrawal lines but outside of designated storage sites in a government-controlled area (for further details, see the table below).

Indications of military and military-type presence in the security zone⁶

The SMM observed military presence inside the security zone in government-controlled areas of Donetsk and Luhansk regions. It also saw for the first time a trench extension near a checkpoint of the armed formation in a non-government-controlled area of Luhansk region (for further details, see the table below).

Anti-tank mines near government-controlled Marinka and non-government-controlled Olenivka

The Mission saw 22 anti-tank mines on the northern side of road H15, next to the most forward position of the Ukrainian Armed Forces at the entry-exit checkpoint near Marinka (23km south-west of Donetsk) as well as two anti-tank mines in a field next to road H15 about 800m south-east of this most forward position (for previous observations, see [SMM Daily Report 28 May 2019](#)).

The SMM also [again](#) saw two anti-tank mines (TM-62M) in the median strip between road lanes about 2km south-west of the checkpoint of the armed formations on road H20 near Olenivka (non-government-controlled, 23km south-west of Donetsk). These mines were 10m away from the location where in February 2019 a mine exploded killing two civilians and injuring another (see [SMM Spot Report of 25 February 2019](#)).

The Mission saw for the first time a mine hazard sign written in Ukrainian (including instructions how to react in case of spotting an explosive object) on a local road about 1.5km south-west of Vozdvizhenka (formerly Krasnyi Pakhar, government-controlled, 66km north-east of Donetsk).

Border areas outside government control

On 13 November, while at a border crossing point near Marynivka (78km east of Donetsk) for about an hour, the SMM saw 12 cars (six with Russian Federation, one with Polish and one with Georgian licence plates, and four with “DPR” plates), a mini bus with Ukrainian licence plates and six pedestrians (three women, two men and a child) entering Ukraine. During the same time, it saw 26 cars (three with Ukrainian, 11 with Russian Federation and two with Georgian licence plates, and ten with “DPR” plates), three covered cargo trucks with Ukrainian licence plates and a mini bus with “DPR” plates exiting Ukraine.

SMM facilitation of repairs to and operation of critical civilian infrastructure

The Mission monitored adherence to the ceasefire to facilitate repairs to water pipelines near Zolote-5/Mykhailivka and near Popasna, as well as an inspection of power lines near Horlivka (non-government-controlled, 39km north-east of Donetsk).

⁶ The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

The SMM continued to facilitate the operation of the Donetsk Filtration Station (15km north of Donetsk) and monitor the security situation around the pumping station near Vasylivka (non-government-controlled, 20km north of Donetsk).

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

***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, 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 Coordination 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.

Denials of access:

- At a checkpoint north of Zaichenko (non-government-controlled, 93km south of Donetsk), two armed members of the armed formations [again](#) denied the SMM passage south towards Sakhanka (non-government-controlled, 97km south of Donetsk) and west towards Pikuzy (formerly Kominternove, non-government-controlled, 92km south of Donetsk), citing “the SMM's safety”.
- At a checkpoint in Nova Marivka (non-government-controlled, 64km south of Donetsk), three armed members of the armed formations again denied the SMM access to the settlement, citing “orders from superiors”. During its presence, the Mission saw two civilian trucks driving through the checkpoint.
- At a checkpoint on the eastern edge of Shevchenko (non-government-controlled, 69km south of Donetsk), three armed members of the armed formations denied the SMM passage westward towards Mykolaivka (non-government-controlled, 70km south of Donetsk), citing “orders from superiors”.
- At a checkpoint near Starolaspa (non-government-controlled, 51km south of Donetsk), three armed members of the armed formations denied the SMM access into the village, citing “orders from their superiors”.

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.

Delay:

- At a checkpoint west of Verkhnohyrokiwske (formerly Oktiabr, non-government-controlled, 85km south of Donetsk), on three occasion, members of the armed formations [again](#) allowed the SMM to proceed only after 20-25 minutes of waiting.

Table of weapons

Beyond withdrawal lines but outside of designated storage sites

| Date | No. of weapons | Type of weapon | Location | Source of observation |
|------------------------------------|----------------|-------------------------------------|--|-----------------------|
| Government-controlled areas | | | | |
| 13/11/2019 | 1 | Towed artillery (type undetermined) | In Rubizhne (84km north-west of Luhansk) | Patrol |

Table of indications of military and military-type presence in the security zone⁷

| Date | No. | Type | Location | Source of observation |
|--|--------------------------------------|--|---|-----------------------|
| Government-controlled areas | | | | |
| 12/11/2019 | 4 | Infantry fighting vehicle (BMP variant) | Near Hranitne (60km south of Donetsk) | Mini-UAV |
| 13/11/2019 | 1 | Anti-aircraft gun (ZU-23, 23mm) | In Zalizne (42km north-east of Donetsk) | Patrol |
| | 1 | Armoured personnel carrier (BTR-60) | Near Novobakhmutivka (28km north of Donetsk) | |
| | 1 | Infantry fighting vehicle (BMP-2) | In Pylypchatyne (76km north-east of Donetsk) | |
| 6 | Armoured personnel carriers (BTR-70) | Near Peredilske (24km north-west of Luhansk) | | |
| Non-government-controlled areas | | | | |
| 13/11/2019 | 1 | Trench extension (length undetermined) | At a checkpoint south-west of Vesela Hora (17km north of Luhansk) | Patrol |

⁷ 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 13 November 2019⁸

| SMM position | Event location | Means | No. | Observation | Description | Weapon | Date, time |
|--|----------------|----------|-----|--------------------|--------------------|--------|---------------|
| SMM camera in Berezove (government-controlled, 31km SW of Donetsk) | 3-4km SSE | Recorded | 1 | Projectile | SW to NE | N/K | 13-Nov, 17:09 |
| | 3-4km SSE | Recorded | 1 | Muzzle flash | | N/K | 13-Nov, 17:09 |
| | 3-4km SSE | Recorded | 1 | Projectile | SW to NE | N/K | 13-Nov, 17:14 |
| | 3-4km SSE | Recorded | 1 | Muzzle flash | | N/K | 13-Nov, 17:14 |
| SMM camera at Donetsk Filtration Station (15km N of Donetsk) | 300-600m SSW | Recorded | 1 | Projectile | WNW to ESE | N/K | 12-Nov, 23:07 |
| | 400-800m SSW | Recorded | 3 | Explosion | Undetermined | N/K | 13-Nov, 00:18 |
| | 0.5-1.2km S | Recorded | 5 | Explosion | Undetermined | N/K | 13-Nov, 03:49 |
| | 0.5-1.2km SSW | Recorded | 3 | Explosion | Undetermined | N/K | 13-Nov, 03:49 |
| | 0.5-1.2km SSE | Recorded | 2 | Explosion | Undetermined | N/K | 13-Nov, 03:49 |
| | 1-2km S | Recorded | 1 | Explosion | Undetermined | N/K | 13-Nov, 03:50 |
| | 1-2km SSE | Recorded | 4 | Explosion | Undetermined | N/K | 13-Nov, 03:51 |
| | 0.6-1.2km S | Recorded | 3 | Explosion | Undetermined | N/K | 13-Nov, 03:51 |
| | 0.5-1.2km SSE | Recorded | 2 | Explosion | Undetermined | N/K | 13-Nov, 03:52 |
| | 0.5-1.2km SSW | Recorded | 2 | Explosion | Undetermined | N/K | 13-Nov, 03:52 |
| | 0.5-1.2km S | Recorded | 1 | Explosion | Undetermined | N/K | 13-Nov, 03:52 |
| | 0.5-1.2km SSE | Recorded | 1 | Muzzle flash | | N/K | 13-Nov, 03:52 |
| | 0.5-1.5km S | Recorded | 4 | Projectile | SE to NW | N/K | 13-Nov, 03:52 |
| | 0.5-1.2km S | Recorded | 1 | Muzzle flash | | N/K | 13-Nov, 04:10 |
| | 0.5-1.2km SSW | Recorded | 1 | Muzzle flash | | N/K | 13-Nov, 04:10 |
| | 1-2km SSE | Recorded | 2 | Muzzle flash | | N/K | 13-Nov, 04:10 |
| | 400-800m SSW | Recorded | 4 | Muzzle flash | | N/K | 13-Nov, 04:22 |
| | 400-800m SSW | Recorded | 2 | Muzzle flash | | N/K | 13-Nov, 04:26 |
| | 400-800m S | Recorded | 3 | Muzzle flash | | N/K | 13-Nov, 04:58 |
| | 0.6-1.2km SSE | Recorded | 3 | Muzzle flash | | N/K | 13-Nov, 04:58 |
| SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk) | 2-4km SE | Recorded | 8 | Projectile | SW to NE | N/K | 13-Nov, 17:22 |
| | 2-4km SE | Recorded | 4 | Projectile | SW to NE | N/K | 13-Nov, 17:38 |
| | 3-5km ESE | Recorded | 2 | Explosion | Undetermined | N/K | 13-Nov, 17:47 |
| | 2-4km ESE | Recorded | 5 | Projectile | WSW to ENE | N/K | 13-Nov, 18:02 |
| SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk) | 2-4km ENE | Recorded | 11 | Projectile | N to S | N/K | 13-Nov, 02:24 |
| | 2-4km ENE | Recorded | 1 | Illumination flare | In vertical flight | N/K | 13-Nov, 03:14 |
| SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk) | 2-4km NNE | Recorded | 1 | Projectile | In vertical flight | N/K | 12-Nov, 16:40 |
| | 2-4km NNE | Recorded | 1 | Projectile | In vertical flight | N/K | 12-Nov, 16:43 |
| | 2-4km NNE | Recorded | 1 | Explosion | Airburst | N/K | 12-Nov, 16:43 |
| | 2-4km NNE | Recorded | 1 | Projectile | In vertical flight | N/K | 12-Nov, 16:45 |
| SMM camera at Oktiabr mine | 4-6km NNE | Recorded | 12 | Explosion | Undetermined | N/K | 13-Nov, 16:19 |

⁸ 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.

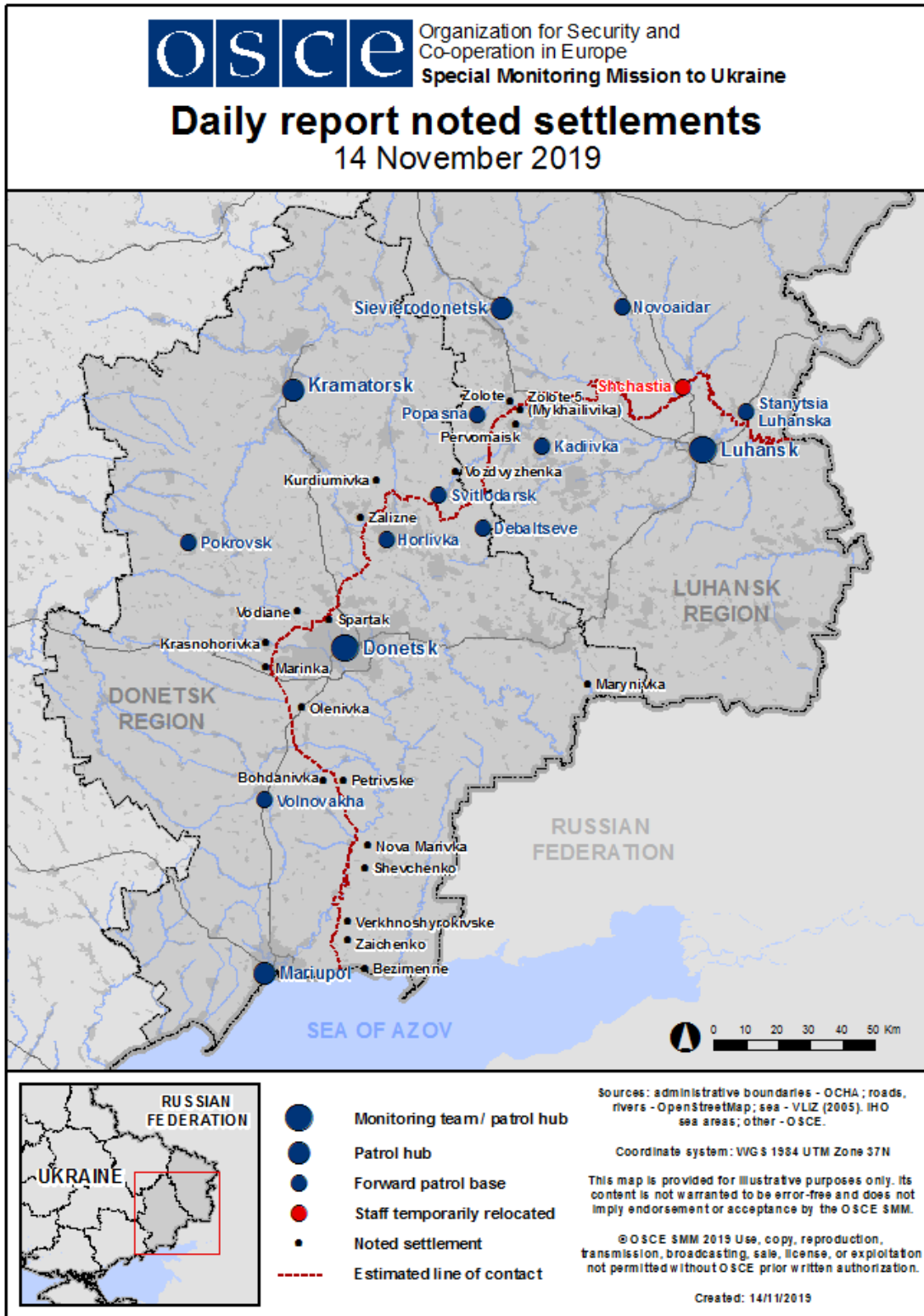
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|--|-----------|---------------|-----------|--------------|--------------|---------------|---------------------|
| (non-government-controlled, 9km NW of Donetsk city centre) | 4-6km NNE | Recorded | 5 | Explosion | Undetermined | N/K | 13-Nov, 16:20 |
| SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk) | 2-4km N | Recorded | 1 | Explosion | Undetermined | N/K | 13-Nov, 16:11 |
| | 2-4km N | Recorded | 1 | Explosion | Undetermined | N/K | 13-Nov, 16:17 |
| | 2-4km N | Recorded | 1 | Explosion | Undetermined | N/K | 13-Nov, 16:27 |
| | 2-4km N | Recorded | 1 | Explosion | Undetermined | N/K | 13-Nov, 16:37 |
| | 2-4km N | Recorded | 1 | Explosion | Undetermined | N/K | 13-Nov, 16:42 |
| | 2-4km N | Recorded | 19 | Projectile | W to E | N/K | 13-Nov, 16:47 |
| | 2-4km N | Recorded | 1 | Explosion | Undetermined | N/K | 13-Nov, 16:55 |
| | 2-4km NNE | Recorded | 6 | Projectile | E to W | N/K | 13-Nov, 17:01 |
| | 2-4km NNE | Recorded | 1 | Explosion | Undetermined | N/K | 13-Nov, 17:13 |
| | 2-4km N | Recorded | 3 | Explosion | Undetermined | N/K | 13-Nov, 17:26 |
| | 2-4km N | Recorded | 6 | Explosion | Undetermined | N/K | 13-Nov, 17:31 |
| | 2-4km N | Recorded | 6 | Explosion | Undetermined | N/K | 13-Nov, 17:37 |
| | 2-4km N | Recorded | 1 | Projectile | SW to NE | N/K | 13-Nov, 17:38 |
| | 2-4km N | Recorded | 10 | Explosion | Undetermined | N/K | 13-Nov, 17:38 |
| | 2-4km N | Recorded | 7 | Explosion | Undetermined | N/K | 13-Nov, 17:39 |
| | 2-4km N | Recorded | 2 | Explosion | Undetermined | N/K | 13-Nov, 17:40 |
| | 2-4km N | Recorded | 2 | Projectile | W to E | N/K | 13-Nov, 17:41 |
| | 2-4km N | Recorded | 4 | Explosion | Undetermined | N/K | 13-Nov, 17:41 |
| | 2-4km N | Recorded | 2 | Explosion | Undetermined | N/K | 13-Nov, 17:42 |
| | 2-4km N | Recorded | 2 | Explosion | Undetermined | N/K | 13-Nov, 17:45 |
| | 2-4km N | Recorded | 2 | Projectile | E to W | N/K | 13-Nov, 17:56 |
| | 2-4km N | Recorded | 2 | Explosion | Undetermined | N/K | 13-Nov, 18:06 |
| 2-4km N | Recorded | 1 | Explosion | Undetermined | N/K | 13-Nov, 18:24 | |
| E part of Avdiivka (government-controlled, 17km N of Donetsk) | 3-5km NE | Heard | 2 | Explosion | Undetermined | N/K | 13-Nov, 10:50 |
| | 1-2km NE | Heard | 1 | Shot | | Small arms | 13-Nov, 10:53 |
| | 4-6km SE | Heard and saw | 1 | Explosion | Undetermined | N/K | 13-Nov, 10:55 |
| | 3-5km NE | Heard | 4 | Explosion | Undetermined | N/K | 13-Nov, 11:04 |
| | 3-5km NE | Heard | 1 | Explosion | Undetermined | N/K | 13-Nov, 11:06 |
| | 3-5km SE | Heard | 1 | Explosion | Undetermined | N/K | 13-Nov, 11:08 |
| | 2-4km SE | Heard | 10 | Shot | | Cannon (30mm) | 13-Nov, 11:10 |
| | 3-5km NE | Heard | 1 | Explosion | Undetermined | N/K | 13-Nov, 11:11 |
| | 3-5km SE | Heard | 8 | Shot | | HMG | 13-Nov, 11:20 |
| | 3-5km NE | Heard | 5 | Explosion | Undetermined | N/K | 13-Nov, 11:21-11:34 |
| | 3-5km NE | Heard | 3 | Explosion | Undetermined | N/K | 13-Nov, 11:47 |
| | 2-4km SE | Heard | 2 | Burst | | HMG | 13-Nov, 12:07 |
| | 3-5km SE | Heard | 2 | Explosion | Undetermined | N/K | 13-Nov, 12:08 |
| 1-2km SE | Heard | 3 | Burst | | Small arms | 13-Nov, 12:10 | |
| SE part of Avdiivka (government-controlled, 17km N of Donetsk) | 1-3km E | Heard | 12 | Shot | | Small arms | 13-Nov, 13:39 |
| | 1-3km E | Heard | 5 | Burst | | HMG | 13-Nov, 13:57 |
| About 3km SSE of Berezove (government-controlled, 31km SW of Donetsk) | 3km E | Heard | 2 | Burst | | Cannon (30mm) | 13-Nov, 12:35 |
| About 1km NNE of the central railway station in Donetsk city | 1-2km N | Heard | 5 | Shot | | Small arms | 13-Nov, 10:30 |

| | | | | | | | |
|---|-----------|-------|-----------|--------------|--------------|----------------|---------------------|
| (non-government-controlled, 6km NW of Donetsk city centre) | | | | | | | |
| NW part of Yasynuvata (non-government-controlled, 16km NE of Donetsk) | 2km W | Heard | 2 | Burst | | Small arms | 13-Nov, 08:51 |
| About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk) | 6-8km SSW | Heard | 9 | Explosion | Undetermined | N/K | 13-Nov, 12:43-12:47 |
| | 6-8km SSW | Heard | 7 | Explosion | Undetermined | N/K | 13-Nov, 12:59-13:00 |
| | 1-2km SW | Heard | 7 | Shot | | Small arms | 13-Nov, 13:23 |
| | 1-2km SW | Heard | 20 | Shot | | Small arms | 13-Nov, 13:28 |
| About 2km SW of Pyshevyk (government-controlled, 84km S of Donetsk) | 3-5km ESE | Heard | 25 | Burst | | HMG | 13-Nov, 10:23-10:35 |
| | 1.5-2km E | Heard | 2 | Explosion | Outgoing | Mortar (120mm) | 13-Nov, 13:50 |
| About 2.5km SSE of Lomakyne (government-controlled, 93km S of Donetsk) | 3-5km E | Heard | 2 | Explosion | Undetermined | N/K | 13-Nov, 12:02 |
| | 3-5km E | Heard | 2 | Explosion | Undetermined | N/K | 13-Nov, 12:32 |
| Svitlodarsk (government-controlled, 57km NE of Donetsk) | 4-5km SE | Heard | 15 | Burst | | HMG | 12-Nov, 19:50-19:53 |
| | 4-5km SE | Heard | 6 | Explosion | Undetermined | N/K | 12-Nov, 19:50-19:53 |
| | 4-5km SE | Heard | 20 | Burst | | HMG | 12-Nov, 20:00-20:02 |
| | 4-5km SE | Heard | 10 | Explosion | Undetermined | N/K | 12-Nov, 20:00-20:02 |
| | 4-5km SSE | Heard | 20 | Shot | | Small arms | 12-Nov, 20:10-20:15 |
| | 4-5km SE | Heard | 17 | Burst | | HMG | 12-Nov, 20:10-20:15 |
| | 4-5km SE | Heard | 10 | Explosion | Undetermined | N/K | 12-Nov, 20:10-20:15 |
| | 4-5km SE | Heard | 7 | Burst | | HMG | 12-Nov, 20:17-20:20 |
| | 4-5km SE | Heard | 17 | Burst | | Small arms | 12-Nov, 20:17-20:20 |
| | 4-5km SE | Heard | 6 | Explosion | Undetermined | N/K | 12-Nov, 20:17-20:20 |
| | 4-5km SE | Heard | 15 | Burst | | HMG | 12-Nov, 20:25-20:30 |
| | 4-5km SE | Heard | 25 | Shot | | Small arms | 12-Nov, 20:25-20:30 |
| | 4-5km SE | Heard | 20 | Explosion | Undetermined | N/K | 12-Nov, 20:25-20:30 |
| | 4km SE | Heard | 10 | Burst | | HMG | 12-Nov, 20:35 |
| | 4-5km SE | Heard | 5 | Explosion | Undetermined | N/K | 12-Nov, 20:05 |
| | 4-5km SE | Heard | 15 | Burst | | HMG | 12-Nov, 20:38 |
| | 4-5km SE | Heard | 5 | Explosion | Undetermined | N/K | 12-Nov, 20:38 |
| 4-5km SE | Heard | 10 | Burst | | HMG | 12-Nov, 21:00 | |
| 4-5km SE | Heard | 5 | Explosion | Undetermined | N/K | 12-Nov, 21:00 | |
| 4-5km SE | Heard | 5 | Burst | | HMG | 12-Nov, 21:20 | |
| 4-5km SE | Heard | 1 | Explosion | Undetermined | N/K | 12-Nov, 21:20 | |

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|--|-----------|-------|----|-----------|--------------|------------|---------------------|
| | 4-5km SE | Heard | 7 | Burst | | HMG | 12-Nov, 21:30 |
| | 4-5km SE | Heard | 1 | Explosion | Undetermined | N/K | 12-Nov, 21:30 |
| | 4-5km SE | Heard | 20 | Burst | | HMG | 12-Nov, 21:35 |
| | 4-5km SSE | Heard | 25 | Shot | | Small arms | 12-Nov, 21:35 |
| | 4-5km SE | Heard | 10 | Explosion | Undetermined | N/K | 12-Nov, 21:35 |
| | 4-5km SE | Heard | 20 | Burst | | HMG | 12-Nov, 21:40-21:45 |
| | 4-5km SE | Heard | 10 | Explosion | Undetermined | N/K | 12-Nov, 21:40-21:45 |
| | 4-5km SE | Heard | 5 | Burst | | HMG | 12-Nov, 21:47 |
| | 4-5km SE | Heard | 2 | Explosion | Undetermined | N/K | 12-Nov, 21:47 |
| | 4-5km SE | Heard | 11 | Burst | | HMG | 12-Nov, 21:48 |
| | 4-5km SE | Heard | 2 | Explosion | Undetermined | N/K | 12-Nov, 21:48 |
| | 3-4km SSE | Heard | 4 | Shot | | Small arms | 12-Nov, 21:50 |
| | 3-4km SE | Heard | 4 | Burst | | HMG | 12-Nov, 21:58 |
| | 4-5km SE | Heard | 3 | Burst | | HMG | 12-Nov, 21:59 |
| | 4km SE | Heard | 5 | Burst | | HMG | 12-Nov, 22:00 |
| | 4km SE | Heard | 20 | Burst | | HMG | 12-Nov, 22:06 |
| | 4-5km SE | Heard | 10 | Burst | | HMG | 12-Nov, 22:08 |
| | 4-5km SE | Heard | 4 | Burst | | HMG | 12-Nov, 22:18 |
| | 4-5km SE | Heard | 3 | Burst | | HMG | 12-Nov, 22:23 |
| | 4-5km SE | Heard | 10 | Burst | | HMG | 12-Nov, 22:25 |
| | 4-5km SE | Heard | 1 | Explosion | Undetermined | N/K | 12-Nov, 22:25 |
| | 3-4km SE | Heard | 2 | Explosion | Undetermined | N/K | 12-Nov, 22:29 |
| | 4-5km SE | Heard | 3 | Burst | | HMG | 12-Nov, 22:30 |
| | 4-5km SE | Heard | 3 | Explosion | Undetermined | N/K | 12-Nov, 22:38 |
| | 4-5km SE | Heard | 7 | Burst | | HMG | 12-Nov, 22:39 |
| | 4-5km SE | Heard | 3 | Explosion | Undetermined | N/K | 12-Nov, 22:39 |
| | 4-5km SE | Heard | 4 | Explosion | Undetermined | N/K | 12-Nov, 22:40 |
| | 4-5km SE | Heard | 9 | Burst | | HMG | 12-Nov, 22:41 |
| | 4-5km SE | Heard | 4 | Explosion | Undetermined | N/K | 12-Nov, 22:41 |
| | 3-5km SE | Heard | 7 | Explosion | Undetermined | N/K | 12-Nov, 22:43 |
| | 4-5km SE | Heard | 2 | Explosion | Undetermined | N/K | 12-Nov, 22:52 |
| | 4-5km SE | Heard | 3 | Burst | | HMG | 12-Nov, 22:53 |
| | 4-5km SE | Heard | 3 | Explosion | Undetermined | N/K | 12-Nov, 22:53 |
| | 4-5km SE | Heard | 15 | Explosion | Undetermined | N/K | 13-Nov, 12:40-12:55 |
| | 4-5km SE | Heard | 30 | Burst | | HMG | 13-Nov, 12:40-12:55 |
| | 4-5km ESE | Heard | 18 | Explosion | Outgoing | N/K | 13-Nov, 15:22-15:34 |
| | 6-8km WSW | Heard | 18 | Explosion | Impact | N/K | 13-Nov, 15:22-15:34 |
| | 4-5km SE | Heard | 30 | Explosion | Undetermined | N/K | 13-Nov, 15:35-15:50 |
| | 4-5km SSE | Heard | 15 | Explosion | Undetermined | N/K | 13-Nov, 16:00-16:11 |
| About 500m NE of Kamianka (government-controlled, 20km N of Donetsk) | 3-5km E | Heard | 3 | Explosion | Undetermined | N/K | 13-Nov, 10:18 |
| | 1-2km E | Heard | 2 | Shot | | Small arms | 13-Nov, 10:25 |
| | 4-6km SE | Heard | 1 | Explosion | Undetermined | N/K | 13-Nov, 10:30 |
| | 2-4km E | Heard | 1 | Explosion | Undetermined | N/K | 13-Nov, 10:38 |
| | 1-2km SE | Heard | 1 | Shot | | Small arms | 13-Nov, 10:52 |
| | 2-4km E | Heard | 1 | Explosion | Undetermined | N/K | 13-Nov, 10:53 |
| | 1-2km E | Heard | 2 | Shot | | Small arms | 13-Nov, 10:58 |

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|---|-----------|-------|----|-----------|--|------------|---------------------|
| | 1-2km E | Heard | 2 | Burst | | Small arms | 13-Nov, 11:05 |
| | 2-4km E | Heard | 2 | Explosion | Undetermined | N/K | 13-Nov, 11:20 |
| | 3-5km NE | Heard | 1 | Explosion | Undetermined | N/K | 13-Nov, 11:20 |
| | 2-4km SE | Heard | 1 | Explosion | Undetermined | N/K | 13-Nov, 11:34 |
| | 5-7km N | Heard | 5 | Explosion | Undetermined | N/K | 13-Nov, 13:01 |
| SE edge of Zalizne (government-controlled, 42km NE of Donetsk) | 4-5km SE | Heard | 1 | Explosion | Undetermined | N/K | 13-Nov, 10:53 |
| | 4-5km SE | Heard | 1 | Explosion | Undetermined | N/K | 13-Nov, 11:21 |
| About 2 km SE of Kurdiuivka (government-controlled, 54km NE of Donetsk) | 5-7km SE | Heard | 8 | Explosion | Undetermined | N/K | 13-Nov, 10:51-10:52 |
| Krasnohorivka (government-controlled, 24km N of Donetsk) | 3-5km SE | Heard | 4 | Explosion | Undetermined | N/K | 13-Nov, 12:06 |
| N edge of Popasna (government-controlled, 69km W of Luhansk) | 8-10km NE | Heard | 6 | Explosion | Undetermined | N/K | 12-Nov, 22:57-23:10 |
| | 5-8km ENE | Heard | 42 | Explosion | Undetermined (assessed as outside the Zolote disengagement area) | N/K | 13-Nov, 16:04-16:20 |
| E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk) | 5-10km SW | Heard | 1 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 13-Nov, 00:21-00:22 |
| | 5-10km SW | Heard | 1 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 13-Nov, 02:53-02:54 |
| 1km SW of Pervomaisk (non-government-controlled, 58km W of Luhansk) | 4-6km SW | Heard | 1 | Burst | | N/K | 13-Nov, 10:50 |
| | 4-6km SW | Heard | 8 | Shot | | N/K | 13-Nov, 10:50 |
| N edge of Kalynove-Borshchuvate (non-government-controlled, 61km NW of Luhansk) | 3-5km SW | Heard | 1 | Explosion | Undetermined | N/K | 13-Nov, 13:26 |
| SW edge of Zolote-5/Mykhailivka (non-government-controlled, 58km W of Luhansk) | 0.7-2km N | Heard | 7 | Explosion | Undetermined (assessed as outside the disengagement area) | N/K | 13-Nov, 14:07-14:18 |
| | 1-2km N | Heard | 10 | Shot | Assessed as outside the disengagement area | Small arms | 13-Nov, 14:07-14:18 |

Map of Donetsk and Luhansk regions⁹



⁹ 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).