

Daily Report 254/2021

29 October 2021¹

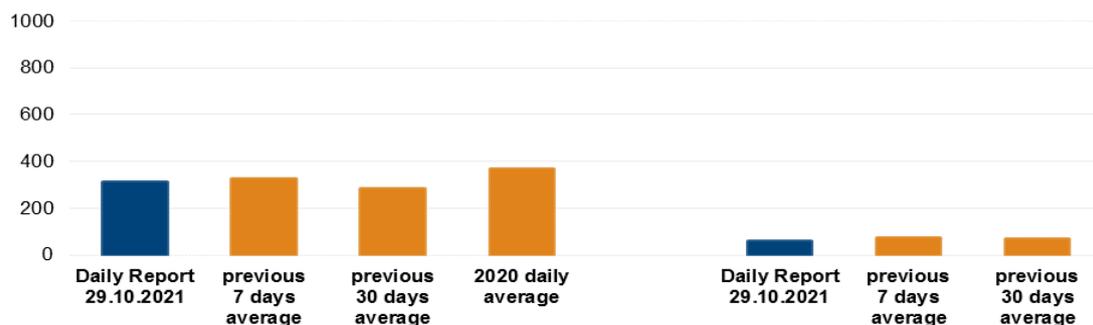
Summary

- In Donetsk region, the Mission recorded 292 ceasefire violations, including 56 explosions. In the previous reporting period, it recorded 681 ceasefire violations in the region.
- In Luhansk region, the SMM recorded 20 ceasefire violations, including five explosions. In the previous reporting period, it recorded 103 ceasefire violations in the region.
- The Mission followed up on reports of recent damage to a kindergarten and four civilian properties, of which two inhabited, in government-controlled Hranitne, Donetsk region.
- The Mission continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske. It recorded ceasefire violations inside the disengagement areas near Petrivske and Zolote.
- The SMM facilitated and monitored adherence to localized ceasefires to enable the operation and construction of critical civilian infrastructure.
- The Mission continued following up on the situation of civilians, including at four entry-exit checkpoints and five the corresponding checkpoints of the armed formations in Donetsk and Luhansk regions.
- The SMM monitored the security situation in south Kherson region.
- The Mission's freedom of movement continued to be restricted, including at a checkpoint of the armed formation near the disengagement area near Petrivske, Donetsk region.

Ceasefire violations²

Number of recorded ceasefire violations³

Number of recorded explosions⁴



¹ Based on information from the Monitoring Teams as of 19:30, 28 October 2021. All times are in Eastern European Summer Time.

² For a complete breakdown of ceasefire violations, please see the annexed table.

³ Including explosions.

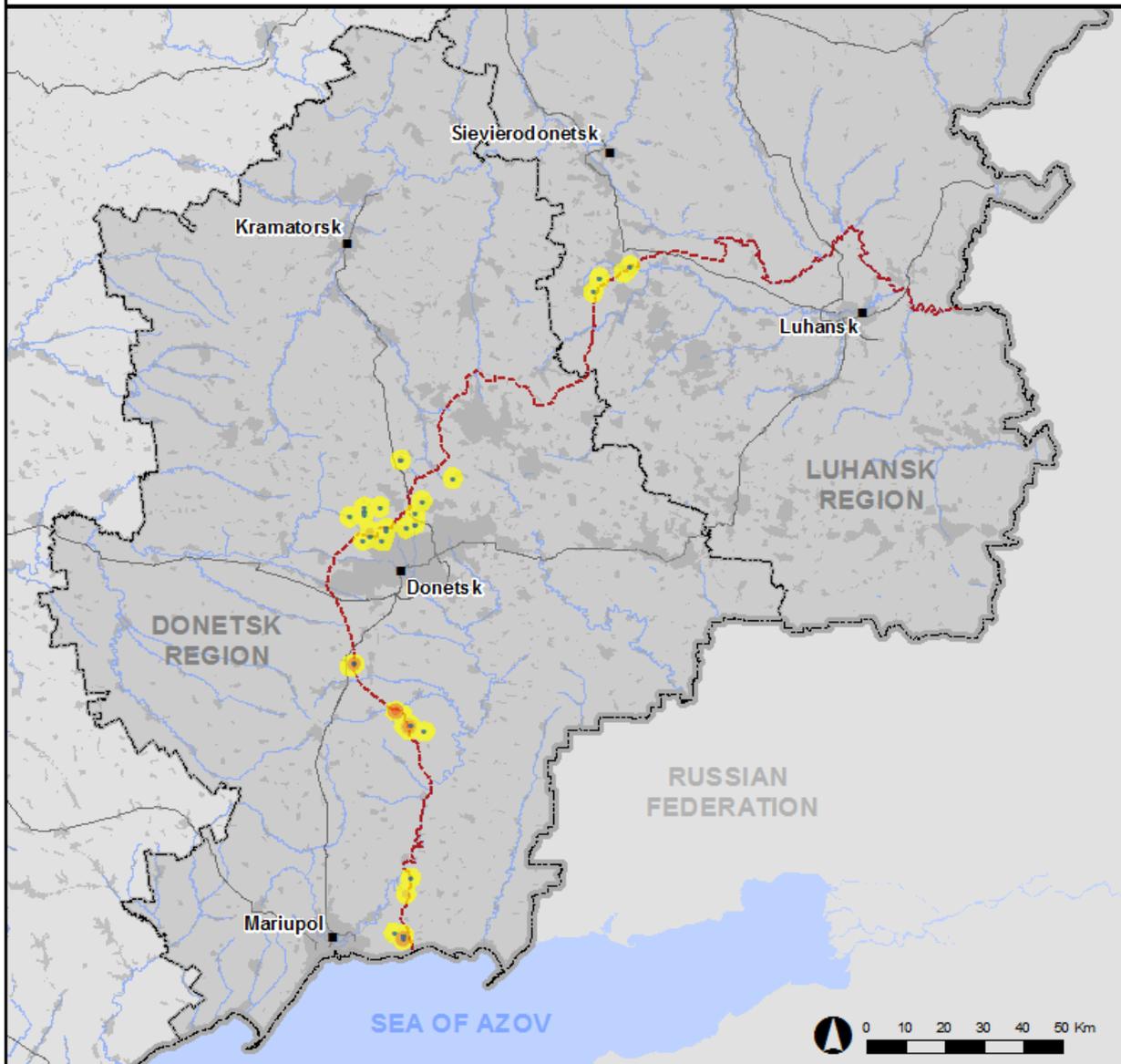
⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

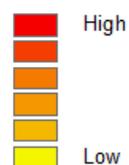


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 28 October 2021



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: 29/10/2021

In Donetsk region, the SMM recorded 292 ceasefire violations, including 56 explosions (one airburst and 55 undetermined). The majority of ceasefire violations occurred inside and near the disengagement area near Petrivske (non-government-controlled, 41km south of Donetsk) (see below), in areas north and north-north-west of Shyrokyne (government-controlled, 100km south of Donetsk) and in areas south-east and south-south-east of Berezove (government-controlled, 31km south-west of Donetsk). In the [previous reporting period](#), the Mission recorded 681 ceasefire violations in the region, the majority of which also occurred inside and near the disengagement area near Petrivske.

In Luhansk region, the SMM recorded 20 ceasefire violations, including five undetermined explosions. The majority of ceasefire violations occurred in areas west and south-west of the disengagement area near Zolote (government-controlled, 60km west of Luhansk) and in a training area north-north-west of Dmytrivka (government-controlled, 43km north of Luhansk), assessed as a part of a live-fire exercise outside the security zone. (See below). In the [previous reporting period](#), the Mission recorded 103 ceasefire violations in the region, the majority of which also occurred near the disengagement area near Zolote.

Following agreement reached at the meeting of the Trilateral Contact Group on 22 July 2020 regarding Measures to strengthen the ceasefire, from 00:01 on 27 July 2020 until the end of the reporting period, the SMM has recorded at least 69,149 ceasefire violations in both Donetsk and Luhansk regions (including 18,926 explosions, 14,742 projectiles in flight, 343 muzzle flashes, 280 illumination flares and at least 34,858 bursts and shots).

Damage to a working kindergarten and four civilian properties in Hranitne, Donetsk region

On 28 October, the Mission followed up on reports of damage to a working kindergarten and four civilian properties in Hranitne (government-controlled, 60km south of Donetsk).

In the central part of Hranitne, at 24 Samokhina Street, the SMM saw a hole in a north-north-west-facing window of a one-storey kindergarten kitchen building. About 60m west-south-west of the aforementioned building, at 26 Samokhina Street, the SMM saw one crack each in two north-north-west-facing windows of a second one-storey kindergarten main building. The Mission assessed the hole and the cracks as recent but was unable to assess the weapon used or the direction of fire.

About 50m further south, at 50 Fomichova Street, the SMM saw a hole in a north-west-facing window of an inhabited one-storey residential building. The Mission assessed the hole as recent but was unable to assess the weapon used or the direction of fire.

About 1.2km further east-north-east, in the north-eastern part of Hranitne, in the soil of the yard of a one-storey residential building at 4 Horkoho Street, the SMM saw a fresh crater (about 2m in diameter) covered with debris, assessed as caused by a direct impact that had destroyed a summer kitchen. The Mission assessed the crater and the damage to the summer kitchen as caused by a probable 122mm artillery round but was unable to assess the direction of fire.

About 30m further north-west, at 5 Horkoho Street, the SMM saw that the north-eastern corner of the brick wall of a one-storey residential building was partially destroyed. The Mission assessed the damage as recent and caused by a probable mortar round fired from a north-eastern direction.

About 30m further west-north-west, at 7 Horkoho Street, in the yard of an inhabited one-storey residential building, the Mission saw a crater (about 2m in diameter). South-west of the crater, the SMM also saw a partially destroyed brick fence and a damaged tree. The Mission assessed the crater to have been fresh and caused by a probable mortar round but was unable to assess the direction of fire. Also, it assessed the damage to the brick wall and the tree to have been recent and caused by a blast wave and shrapnel from a nearby explosion.

Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske⁵

Inside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), the Mission saw five members of the armed formations (wearing armbands with “JCCC” written on them) south of the repaired span of the Stanytsia Luhanska bridge (15km north-east of Luhansk).

On the afternoon of 28 October, while positioned near the **disengagement area near Zolote**, the Mission heard one shot of small-arms fire at an assessed range of 2-3km north-west, assessed as inside the disengagement area. On the same afternoon, the SMM camera on the northern edge of Popasna (government-controlled, 69km west of Luhansk) recorded three undetermined explosions and one illumination flare, all assessed as outside the area, but within 5km of its periphery. Also on the same afternoon, the SMM camera in Zolote recorded two undetermined explosions at an assessed range of 3-5km east, assessed as outside the area but within 5km of its periphery.

Near the checkpoint of the armed formations south of the disengagement area, the SMM saw six members of the armed formations (wearing armbands with “JCCC” written on them).

The Mission again saw the seven previously observed containers located south of the area’s southern edge and inside the disengagement area. It saw that the [previously reported](#) road barriers across road T-1316, on the area’s southern edge, were closed.

On the evening and night of 27-28 October, the SMM camera 2km east of Bohdanivka (government-controlled, 41km south-west of Donetsk) recorded one undetermined explosion, 26 projectiles in flight, and one burst of an unknown weapon, all assessed as inside the **disengagement area near Petrivske**.

During the same night, the SMM camera in Petrivske recorded two undetermined explosions at assessed range of 3-5km south-east, unable to be assessed as either inside or outside the area, and a projectile in flight, at an assessed range 2-4 km north-north-west, assessed as outside the disengagement area, but within 5km of its periphery.

During the day on 28 October, while positioned about 2km east of Bohdanivka, the Mission heard 99 bursts and shots of small-arms fire, all assessed as outside the disengagement area, but within 5km of its periphery.

Withdrawal of weapons

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

The Mission continued to monitor the withdrawal of weapons in implementation of the Memorandum and the Package of Measures and its Addendum.

In violation of withdrawal lines, the SMM spotted one anti-tank gun in a non-government-controlled area of Donetsk region.

Beyond withdrawal lines but outside designated storage sites, the SMM observed six howitzers at a railway station in a government-controlled area of Donetsk region. (For further information, see the tables below.)

Presence of anti-tank mines near Avdiivka, and unexploded ordnance near Staromarivka, both in Donetsk region

On 25 October, about 1.5km south-south-east of the south-eastern edge of Avdiivka (government-controlled, 17km north of Donetsk), an SMM mini-unmanned aerial vehicle (UAV) spotted 15 anti-tank mines (previously not reported) laid across road M04, assessed as belonging to the Ukrainian Armed Forces.

On 27 October, about 2km east-north-east of Staromarivka (62km south of Donetsk), on a road T0512 leading to Boikivske (formerly Telmanove, non-government-controlled, 67km south-east of Donetsk), an SMM mini-UAV again spotted an unexploded rocket (220mm), assessed as unexploded ordnance (UXO), embedded in the road. (For previous observations in the area, see [SMM Daily Report of 4 September 2020](#).)

On the same day, about 2km east of the eastern edge of Popasna, an SMM mini-UAV spotted that six previously reported anti-tank mines, which had been attached to a wooden board and laid across road T-0504, were no longer present. (For previous observations in the area, see [SMM Daily Report of 15 October 2021](#).)

SMM facilitation of operation and construction of critical civilian infrastructure

The Mission continued to facilitate the operation of the Donetsk Filtration Station (DFS) (15km north of Donetsk). While positioned at two locations near the DFS, the SMM heard two undetermined explosions, both assessed as within a 5km radius of the DFS.

Situation at entry-exit checkpoints and corresponding checkpoints

In Donetsk region, the Mission saw that the entry-exit checkpoint (EECP) near Marinka (government-controlled, 23km south-west of Donetsk) was open and that the corresponding checkpoint of the armed formations near Kremynets (non-government-controlled, 16km south-west of Donetsk) was closed.

In Luhansk region, the Mission observed that the EECP near Stanytsia Luhanska and the corresponding checkpoint of the armed formations south of the Stanytsia Luhanska bridge were open.

The SMM noted that the EECPs near Zolote and Shchastia (government-controlled, 20km north of Luhansk) were open, but that the corresponding checkpoints of the armed formations south of the disengagement area near Zolote and 3km south-east of the bridge in Shchastia were closed.

Additionally, at a checkpoint of the armed formations near Debaltseve (non-government-controlled, 58km north-east of Donetsk), the Mission noted that civilian traffic was passing through in both directions between non-government-controlled areas of Donetsk and Luhansk regions.

Border areas outside government control

The SMM monitored areas near the border with the Russian Federation close to Krynychne (formerly Biriukove, 75km south-east of Luhansk), and observed no change in the security situation.

Security situation in south Kherson region

The SMM monitored areas in south Kherson region near Skadovsk (62km south-east of Kherson) and along the North Crimean canal. While monitoring these areas, the Mission observed no change in the security situation.

The SMM continued monitoring in 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, 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 Minsk agreements 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 of 28 October 2021](#)). 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.

Denial:

- At a checkpoint of the armed formations about 2.5km north of Petrivske (non-government-controlled, 41km south of Donetsk), an armed member of the armed formations denied the SMM passage south towards the disengagement area near Petrivske, citing “the SMM's safety”.

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:⁶

- While conducting a test flight, an SMM long-range UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas between government-controlled Andriivka (79km north-west of Donetsk) and Raiske (67km north of Donetsk). The same UAV experienced dual GPS signal interference, assessed as caused by jamming, while flying over areas between Raiske and Serhiivka (government-controlled, 81km north of Donetsk).
- An SMM mid-range UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas near Nova Marivka (non-government-controlled, 64km south of Donetsk).
- SMM mini-UAVs experienced GPS signal interference, assessed as caused by probable jamming during two flights: once over areas near Yakovlivka (non-government-controlled, 10km north of Donetsk) and once over the south-eastern outskirts of Shchastia (government-controlled, 20km north of Luhansk).

⁶ For cases of probable jamming and jamming mentioned in this section, the interference could have originated from anywhere within the radius of tens of kilometres from the UAVs' positions.

Table of weapons

Weapons in violation of withdrawal lines

Date	No. of weapons	Type of weapon	Location	Source of observation
Non-government-controlled areas				
28/10/2021	1	Anti-tank gun (MT-12 <i>Rapira</i> , 100mm)	On the edge of Horlivka (39km north-east of Donetsk)	Patrol

Weapons beyond withdrawal lines but outside designated storage sites

Date	No. of weapons	Type of weapon	Location	Source of observation
Government-controlled areas				
28/10/2021	6	Self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm)	At a railway station in Druzhkivka (72km north of Donetsk)	Patrol

Table of ceasefire violations as of 28 October 2021⁷

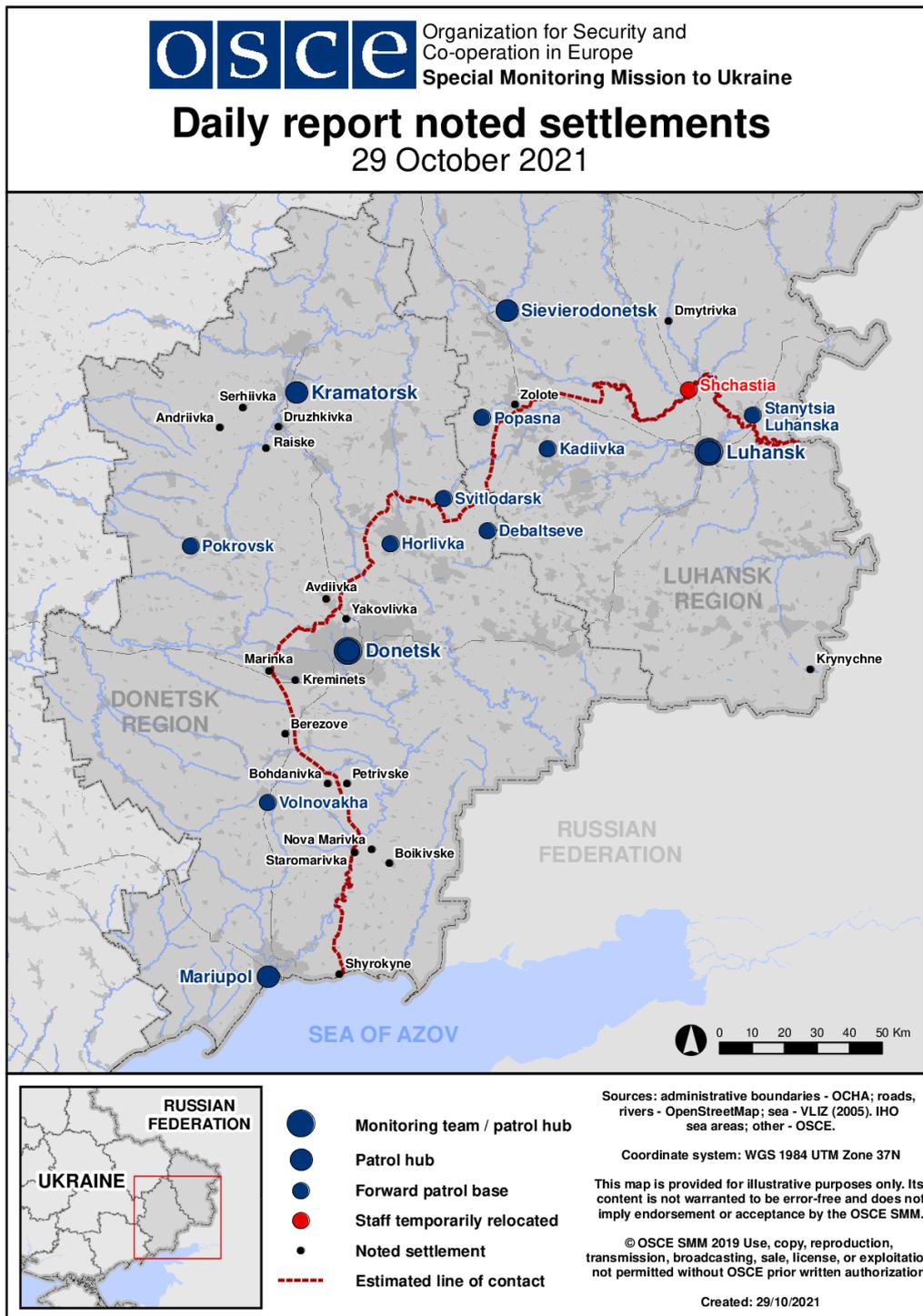
SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-4km SE	Recorded	11	Projectile	SSE to NNW	N/K	28-Oct, 17:50
	2-4km SE	Recorded	1	Muzzle flash		N/K	28-Oct, 17:50
	2-4km SE	Recorded	1	Explosion	Airburst	N/K	28-Oct, 17:50
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 17:50
	2-4km SE	Recorded	4	Muzzle flash		N/K	28-Oct, 17:51
	2-4km SE	Recorded	3	Projectile	SSE to NNW	N/K	28-Oct, 17:51
	2-4km SE	Recorded	2	Muzzle flash		N/K	28-Oct, 17:53
	2-4km SE	Recorded	4	Muzzle flash		N/K	28-Oct, 17:55
	2-4km SE	Recorded	1	Projectile	SSE to NNW	N/K	28-Oct, 18:00
	2-4km SE	Recorded	5	Projectile	SSE to NNW	N/K	28-Oct, 18:01
	2-4km SSE	Recorded	1	Projectile	SSE to NNW	N/K	28-Oct, 18:02
	2-4km SSE	Recorded	1	Projectile	SSE to NNW	N/K	28-Oct, 18:05
	2-4km SSE	Recorded	1	Projectile	SSE to NNW	N/K	28-Oct, 18:07
SMM camera 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	2-4km ESE	Recorded	1	Burst	SW to NE (assessed as inside the disengagement area near Petrivske)	N/K	27-Oct, 20:30
	2-4km ESE	Recorded	8	Projectile	SW to NE (4 projectiles also recorded by the SMM camera in Petrivske, assessed as inside the disengagement area)	N/K	27-Oct, 20:34
	1-3km SE	Recorded	6	Projectile	SW to NE (assessed as inside the disengagement area near Petrivske)	N/K	27-Oct, 20:58
	2-4km ESE	Recorded	1	Projectile	SW to NE (assessed as inside the disengagement area near Petrivske)	N/K	27-Oct, 21:21
	2-4km ESE	Recorded	1	Projectile	SW to NE (assessed as inside the disengagement area near Petrivske)	N/K	27-Oct, 21:22
	2-4km ESE	Recorded	1	Explosion	Undetermined (assessed as inside the disengagement area near Petrivske)	N/K	27-Oct, 21:31
	2-4km ESE	Recorded	4	Projectile	SW to NE (2 projectiles also recorded by the SMM camera in Petrivske, assessed as inside the disengagement area)	N/K	27-Oct, 21:33
	1-3km ESE	Recorded	1	Projectile	SW to NE (assessed as inside the disengagement area near Petrivske)	N/K	27-Oct, 22:05
	1-3km SE	Recorded	2	Projectile	SW to NE (assessed as inside the disengagement area near Petrivske)	N/K	28-Oct, 01:57
	2-4km ESE	Recorded	1	Projectile	N to S (assessed as inside the disengagement area near Petrivske)	N/K	28-Oct, 03:30
	2-4km ESE	Recorded	1	Projectile	NNW to SSE (assessed as inside the disengagement area near Petrivske)	N/K	28-Oct, 04:20
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	2-4km E	Recorded	10	Projectile	In vertical flight	N/K	27-Oct, 21:13
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	2-4km W	Recorded	1	Explosion	Undetermined	N/K	27-Oct, 19:03
	2-4km W	Recorded	2	Explosion	Undetermined	N/K	28-Oct, 18:38

⁷ The table only includes ceasefire violations directly observed by 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.

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Petrivske (non-government-controlled, 41km S of Donetsk)	3-5km SE	Recorded	2	Explosion	Undetermined (unable to be assessed if inside or outside the disengagement area near Petrivske)	N/K	27-Oct, 22:05
	2-4km WNW	Recorded	1	Projectile	NE to SW (assessed as outside the disengagement area near Petrivske)	N/K	28-Oct, 00:02
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	3-5km N	Recorded	5	Projectile	W to E	N/K	27-Oct, 20:02
	3-5km N	Recorded	1	Projectile	S to N	N/K	27-Oct, 20:05
	3-5km N	Recorded	4	Projectile	SSE to NNW	N/K	27-Oct, 20:05
	3-5km N	Recorded	3	Projectile	SSE to NNW	N/K	27-Oct, 20:06
	3-5km N	Recorded	3	Projectile	W to E	N/K	27-Oct, 20:08
	3-5km N	Recorded	4	Projectile	W to E	N/K	27-Oct, 20:10
	3-5km N	Recorded	4	Projectile	SW to NE	N/K	27-Oct, 21:04
	3-5km N	Recorded	1	Illumination flare	In vertical flight	N/K	27-Oct, 21:05
	3-5km N	Recorded	5	Projectile	SW to NE	N/K	27-Oct, 21:12
	4-6km N	Recorded	1	Illumination flare	In vertical flight	N/K	27-Oct, 23:02
	3-5km N	Recorded	1	Projectile	In vertical flight	N/K	27-Oct, 23:05
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	27-Oct, 23:06
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	27-Oct, 23:25
	4-6km N	Recorded	3	Explosion	Undetermined	N/K	28-Oct, 00:20
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 00:22
	3-5km N	Recorded	3	Projectile	SE to NW	N/K	28-Oct, 00:48
	3-5km N	Recorded	7	Projectile	SSE to NNW	N/K	28-Oct, 00:51
	3-5km N	Recorded	2	Projectile	W to E	N/K	28-Oct, 01:01
	3-5km N	Recorded	7	Projectile	WSW to ENE	N/K	28-Oct, 01:45
	3-5km N	Recorded	3	Projectile	In vertical flight	N/K	28-Oct, 02:42
5-7km NNW	Recorded	1	Explosion	Undetermined		28-Oct, 18:57	
Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	4-5km SSW	Heard	7	Explosion	Undetermined	N/K	28-Oct, 10:35-10:36
	4-5km SSW	Heard	1	Explosion	Undetermined	N/K	28-Oct, 10:49
	10-12km NE	Heard	1	Explosion	Undetermined	N/K	28-Oct, 10:49
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km SSW	Heard	1	Explosion	Undetermined	N/K	28-Oct, 13:16
	10-15km NNW	Heard	7	Explosion	Undetermined	N/K	28-Oct, 13:57-14:15
	10-15km NNW	Heard	2	Explosion	Undetermined	N/K	28-Oct, 14:24
About 300m NE of Zhabunki (non-government-controlled, 9km NW of Donetsk)	2-3km NNE	Heard	5	Explosion	Undetermined	N/K	28-Oct, 10:36
	1-2km NNE	Heard	1	Burst		Small arms	28-Oct, 10:45
	1-2km NNE	Heard	2	Burst		Small arms	28-Oct, 10:46
	2km NNE	Heard	1	Explosion	Undetermined	N/K	28-Oct, 10:53
Railway station in Donetsk city (non-government-controlled, 6km NW of Donetsk city centre)	2-3km W	Heard	1	Explosion	Undetermined	N/K	28-Oct, 10:47
	5km NE	Heard	1	Explosion	Undetermined	N/K	28-Oct, 11:57
Avdiivka (government-controlled, 17km north of Donetsk)	3-4km WSW	Heard	1	Explosion	Undetermined	N/K	28-Oct, 08:46
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	5-7km SE	Heard	1	Explosion	Undetermined	N/K	28-Oct, 12:20
	2-3km S	Heard	1	Explosion	Undetermined	N/K	28-Oct, 11:04

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
About 2km WNW of Pisky (government-controlled, 12km NW of Donetsk)	1-2km E	Heard	9	Shot		Small arms	28-Oct, 11:17-11:20
	3-5km N	Heard	3	Explosion	Undetermined	N/K	28-Oct, 12:38
	4-6km NW	Heard	1	Explosion	Undetermined	N/K	28-Oct, 12:49
	4-6km N	Heard	1	Explosion	Undetermined	N/K	28-Oct, 13:05
	4-6km N	Heard	1	Explosion	Undetermined	N/K	28-Oct, 13:08
	4-6km N	Heard	1	Explosion	Undetermined	N/K	28-Oct, 13:14
	4-6km N	Heard	1	Explosion	Undetermined	N/K	28-Oct, 13:17
About 2km NE of Chernenko (government-controlled, 86km S of Donetsk)	5-7km NE	Heard	2	Explosion	Undetermined	N/K	28-Oct, 10:20
About 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	2-3km NNW	Heard	39	Shot	Assessed as outside the disengagement area near Petrivske	Small arms	28-Oct, 12:56
	2-3km NNW	Heard	48	Burst	Assessed as outside the disengagement area near Petrivske	Small arms	28-Oct, 13:20
	3-4km SE	Heard	4	Burst	Assessed as outside the disengagement area near Petrivske	Small arms	28-Oct, 13:22
	3-4km SE	Heard	8	Shot	Assessed as outside the disengagement area near Petrivske	HMG	28-Oct, 14:01
SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk)	4-6km SE	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 17:53
	4-6km SE	Recorded	1	Illumination flare	In vertical flight	N/K	28-Oct, 17:55
	4-6km E	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 17:59
	4-6km E	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 18:06
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	3-5km E	Recorded	2	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	28-Oct, 18:06
Dmyitriivka (government-controlled, 43km north of Luhansk)	1.5-2km NNW	Heard	3	Burst	Assessed as a live-fire exercise in a training area	Small arms	28-Oct, 10:20-10:25
	1.5-2km NNW	Heard	10	Shot	Assessed as a live-fire exercise in a training area	Small arms	28-Oct, 10:25-10:30
Zolote-5/Mykhailivka (non-government-controlled, 60km west of Luhansk)	2-3km NW	Heard	1	Shot	Assessed as inside the disengagement area near Zolote	N/K	28-Oct, 14:50

Map of Donetsk and Luhansk regions⁸



⁸ 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 have 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 also patrols in this settlement during daylight hours).