

Daily Report 255/2021

30 October 2021¹

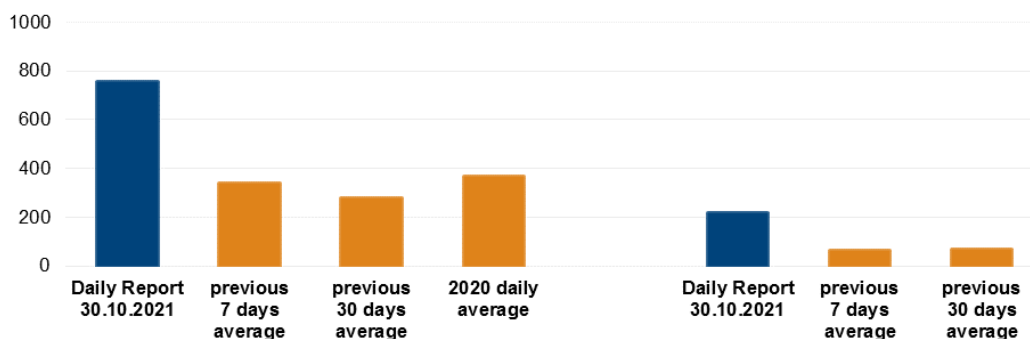
Summary

- In Donetsk region, the SMM recorded 321 ceasefire violations, including 90 explosions. In the previous reporting period, it recorded 292 ceasefire violations in the region.
- In Luhansk region, the Mission recorded 436 ceasefire violations, including 128 explosions. In the previous reporting period, it recorded 20 ceasefire violations in the region.
- The SMM corroborated reports of two civilian casualties in non-government-controlled Donetsk city's Kuibyshevskiy District.
- The Mission continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske. It recorded ceasefire violations and observed people inside the disengagement area near Petrivske.
- An SMM long-range unmanned aerial vehicle (UAV) spotted recent craters on both sides of the contact line in Donetsk region.
- The SMM facilitated and monitored adherence to localized ceasefires to enable the operation and repair of critical civilian infrastructure.
- The Mission continued following up on the situation of civilians, including at four entry-exit checkpoints and four corresponding checkpoints of the armed formations in Donetsk and Luhansk regions.
- The SMM monitored a gathering in Kyiv.
- The Mission's freedom of movement continued to be restricted, including at checkpoints of the armed formations near the disengagement areas near Zolote and Petrivske and at a plant in Holmivskiyi, Donetsk region. Its UAVs again experienced multiple instances of probable jamming.*

Ceasefire violations²

Number of recorded ceasefire violations³

Number of recorded explosions⁴



¹ Based on information from the Monitoring Teams as of 19:30, 29 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.

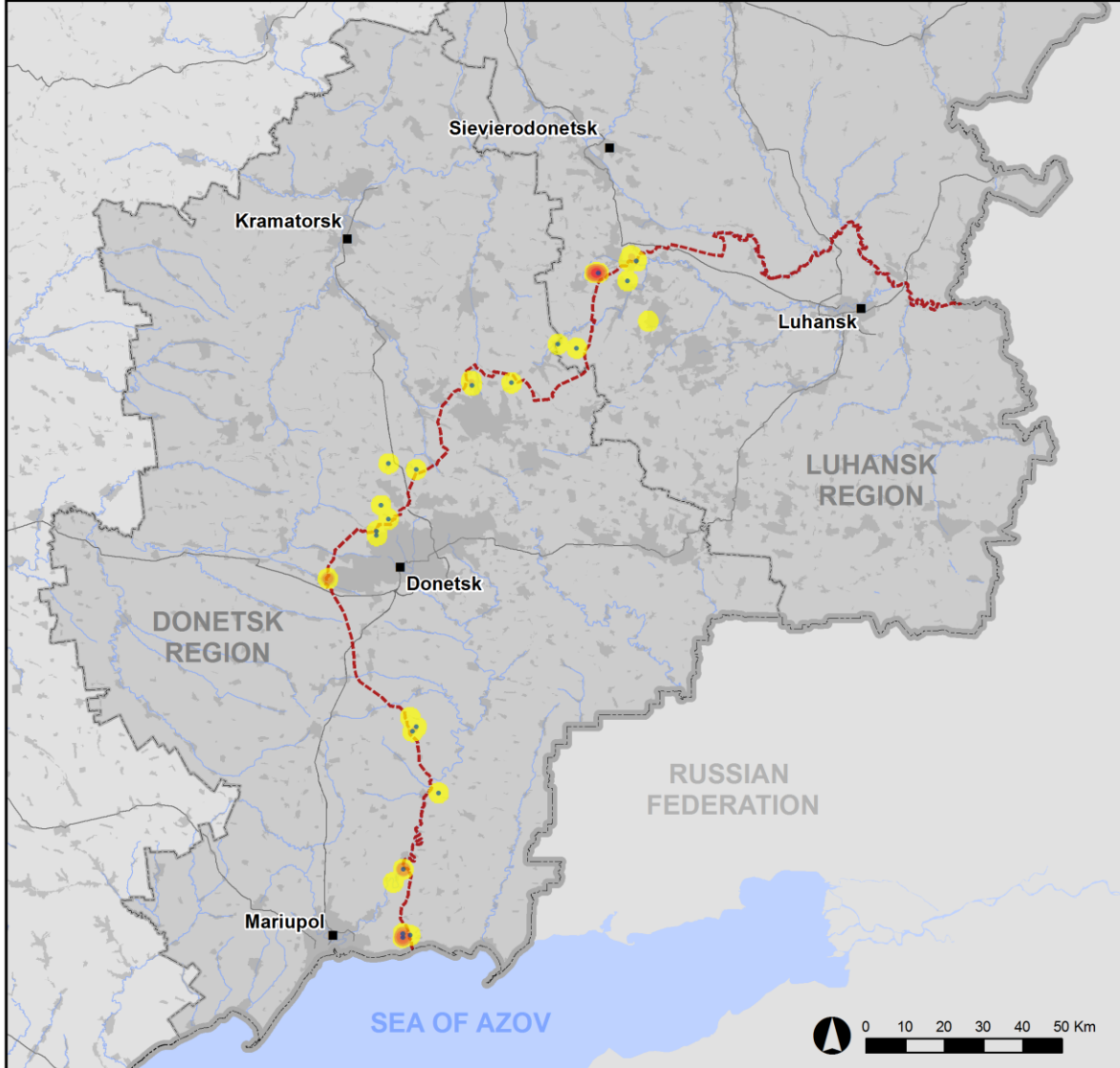
⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

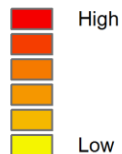


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 29 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: 30/10/2021

In Donetsk region, the SMM recorded 321 ceasefire violations, including 90 explosions (seven airbursts, three impacts and 80 undetermined). The majority of ceasefire violations occurred in areas north and north-north-east of Shyrokyne (government-controlled, 100km south of Donetsk). In the [previous reporting period](#), the Mission recorded 292 ceasefire violations in the region, some of which also occurred near Shyrokyne.

In Luhansk region, the SMM recorded 436 ceasefire violations, including 128 explosions (eight impacts and 120 undetermined). Almost all ceasefire violations occurred in areas west and south of the disengagement area near Zolote (government-controlled, 60km west of Luhansk) (see below). In the [previous reporting period](#), the Mission recorded 20 ceasefire violations in the region, the majority of which also occurred close to 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 69,906 ceasefire violations in both Donetsk and Luhansk regions (including 19,144 explosions, 14,943 projectiles in flight, 344 muzzle flashes, 284 illumination flares and at least 35,191 bursts and shots).

Two civilian casualties corroborated in non-government-controlled Donetsk city's Kuibyshevskiy district

The Mission followed up on reports of a girl and a woman injured in non-government-controlled Donetsk city's Kuibyshevskiy district on 21 October.

On 24 October, a civilian (woman, 18 years old) told the SMM over the phone that on the morning of 21 October, while she had been at a house in the northern part of Donetsk city's Kuibyshevskiy district with her partner (man, 18 years old), his sister (girl, 11 years old) and his father (man, in his forties), she was woken up by an explosion outside the house, after which she began to feel nauseous and developed a headache, and was later brought to a hospital in Donetsk city by ambulance.

On 21 October, medical staff of a hospital in Donetsk city told the SMM over the phone that in the morning of the same day, an 11 year old girl and an 18 year old woman from Donetsk city's Kuibyshevskiy district had been admitted to the hospital.

On 25 October, the Mission saw a medical certificate from the aforementioned hospital stating that on 21 October, a girl had been admitted to the hospital with injuries to her head and chest as well as a concussion.

On 27 October, the Mission saw a medical certificate from the same hospital stating that on 21 October, a woman had been admitted to the hospital with head injuries and a concussion. (For previous observations on damage to residential buildings in the same area of Donetsk city, see [SMM Daily Report of 28 October 2021](#).)

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 evening of 28 October, while in Kadiivka (formerly Stakhanov, non-government-controlled, 50km west of Luhansk), the SMM heard four undetermined explosions at an assessed range of 10-12km north-west. On the evening and night of 28-29 October, the SMM camera in Zolote recorded three undetermined explosions and two projectiles in flight at an assessed range of 3-7km east. During the day on 29 October, while positioned in two locations near the disengagement area, the Mission heard 113 undetermined explosions and 303 bursts of small-arms and heavy-machine-gun fire. All these ceasefire violations were assessed as outside the **disengagement area near Zolote**, but within 5km of its periphery.

At the disengagement area’s southern edge, a member of the armed formations (wearing armbands with “JCCC” written on them) denied the Mission passage north toward the permanently installed vehicle control gate across road T-1316 in non-government-controlled areas, 350m north of the area’s southern edge, citing “the SMM’s safety”.*

Near the checkpoint of the armed formations south of the disengagement area, the SMM saw four 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 of 28 October, the SMM camera in Petrivske (non-government-controlled, 41km south of Donetsk) recorded two projectiles in flight at an assessed range of 500m-1km west, assessed as inside the **disengagement area near Petrivske**.

During the day on 29 October, while positioned at two locations near the area, the Mission heard 10 explosions at an assessed range of 5km south-east and 4-6km south, assessed as outside the disengagement area but within 5km of its periphery.

During the day on 28 October, inside the disengagement area, an SMM long-range UAV spotted two people near a former position of the armed formations near the area’s south-eastern corner.⁶

Withdrawal of weapons

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

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

⁶ Operational flights of long-range UAVs have been temporarily suspended since 29 June. However, the Mission has been conducting operational test flights.

Beyond withdrawal lines but outside designated storage sites, the SMM observed 27 howitzers and five anti-tank guns at a railway station in a government-controlled area of Luhansk region. (For further information, see the table below.)

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

The SMM observed six armoured combat vehicles in government-controlled areas of Donetsk region and five armoured combat vehicles in a compound in a non-government-controlled area of Donetsk region. (For further information, see the table below.)

On 28 October, on the eastern outskirts of Hranitne, an SMM long-range UAV spotted a probable submerged pontoon bridge for vehicles. About 200m further north-north-east, the UAV also spotted a second probable pontoon bridge, assessed as for pedestrians. (Not previously reported and not seen in imagery of 7 December 2020.)⁷

Recent craters observed near government-controlled Hranitne and non-government-controlled Boikivske, Donetsk region

On 28 October, in a garden about 70m north of a two-storey residential building at 5 Horkoho Street, in the north-eastern part of Hranitne (government-controlled, 60km south of Donetsk), an SMM long-range UAV spotted two craters assessed as recent and caused by probable 122mm artillery rounds. The Mission was unable to assess the direction of fire. (For previous observations of damage to residential buildings in the same area of Hranitne, see [SMM Daily Report of 29 October 2021](#).)

In a field about 1km south-east of Boikivske (formerly Telmanove, non-government-controlled, 67km south-east of Donetsk), the same long-range UAV spotted four impact craters (not previously reported and not seen in imagery from 15 October 2021), assessed as recent. The SMM could not assess the weapon used or the direction of fire.

SMM facilitation of operation and repair of critical civilian infrastructure

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

It also monitored adherence to a localized ceasefire to facilitate repairs to power lines in Staromykhailivka (non-government-controlled, 15km west of Donetsk).

Situation at entry-exit checkpoints and corresponding checkpoints

In Donetsk region, the Mission saw that the entry-exit checkpoint (EECP) near Novotroitske (government-controlled, 36km south-west of Donetsk) and the corresponding checkpoint of the armed formations near Olenivka (non-government-controlled, 23km south-west of Donetsk) were open, with people queuing to travel in both directions.

While positioned at the checkpoint near Olenivka, the Mission observed three trucks and one car bearing the logo of an international humanitarian organisation cross the contact line towards non-government-controlled areas.

⁷ See previous footnote.

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, with people queueing to travel in both directions.

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.

The SMM monitored a gathering in Kyiv

In Kyiv, in front of the Office of the President at 11 Bankova Street, the Mission observed about 60 people (all men, in their twenties to forties), including some holding Ukrainian flags and flags of veterans organizations and banners in relation to events that took place in 2014 in Ilovaisk (non-government-controlled, 30km south-east of Donetsk). It also saw about 25 law enforcement officers nearby and a calm situation.

The SMM 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 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.

Denials:

- At a checkpoint about 2.5km north of Petrivske (non-government-controlled, 41km south of Donetsk), an armed member of the armed formations [again](#) denied the SMM passage south towards the disengagement area near Petrivske, citing “the SMM's safety”.
- At the former dolomite plant in Holmivskiyi (non-government-controlled, 49km north-east of Donetsk) to follow up on reports of damage to civilian infrastructure, a member of the armed formations told the Mission to leave the area, citing “orders from superiors” and the need for the SMM to address their requests for information to those in control in non-government-controlled areas of Donetsk region.
- At the southern edge of the disengagement area near Zolote (government-controlled, 60km west of Luhansk), a member of the armed formations (wearing an armband with “JCCC” written on it) denied the Mission passage north, citing “the SMM's safety”. (See above.)

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:⁸

- On 20 October, an SMM mid-range UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas near Orlivske (government-controlled, 82km south of Donetsk).
- On the same day, SMM mini-UAVs experienced GPS signal interference, assessed as caused by probable jamming, during 17 flights: four times over areas near Smile (non-government-controlled, 31km north-west of Luhansk), three times while flying over areas near Spartak (non-government controlled, 9km north of Donetsk), twice over areas near Vesele (non-government-controlled, 9km north-west of Donetsk), and once over areas near Verkhnotoretske (government-controlled, 23km north-east of Donetsk), New York (formerly Novhorodske, government-controlled, 35km north of Donetsk), and Nelipivka (government-controlled, 40km north of Donetsk), Chernenko (government-controlled, 86km south of Donetsk), Pavlopil (government-controlled, 84km south of Donetsk), Orlivske, Alchevsk (non-government-controlled, 40km west of Luhansk), and Novohryhorivka (non-government-controlled, 33km west of Luhansk).
- While the SMM was conducting an announced mini-UAV flight about 6km north-east of Alchevsk, two members of the armed formations asked the SMM to end the mini-UAV flight within five minutes, or they would shoot at the UAV. The SMM ended the flight, safely recovered the UAV, and left the area.

⁸ 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 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	12	Towed howitzer (2A65 <i>Msta-B</i> , 152mm)	At a railway station in Rubizhne (84km north-west of Luhansk)	Mini-UAV
29/10/2021	15	Towed howitzer (2A36 <i>Giatsint-B</i> , 152mm)		Patrol
	5	Anti-tank gun (MT-12 <i>Rapira</i> , 100mm)		

Table of military and military-type presence in the security zone⁹

Date	No. of weapons	Type of weapon	Location	Source of observation
Government-controlled areas				
27/10/2021	5	Armoured reconnaissance vehicle (BRDM-2)	Near Halytsynivka (29km north-west of Donetsk)	Mini-UAV
28/10/2021	1	Armoured personnel carrier (MT-LB)	Near Hranitne (60km south of Donetsk)	Mid-range
Non-government-controlled areas				
28/10/2021	5	Armoured combat vehicle (type undetermined)	In a compound in Boikivske (formerly Telmanove, 67km south-east of Donetsk), in a zone within which deployment of heavy armament and military equipment is further proscribed according to Point 5 of the Memorandum of 19 September 2014.	Long-range UAV

⁹ 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 29 October 2021¹⁰

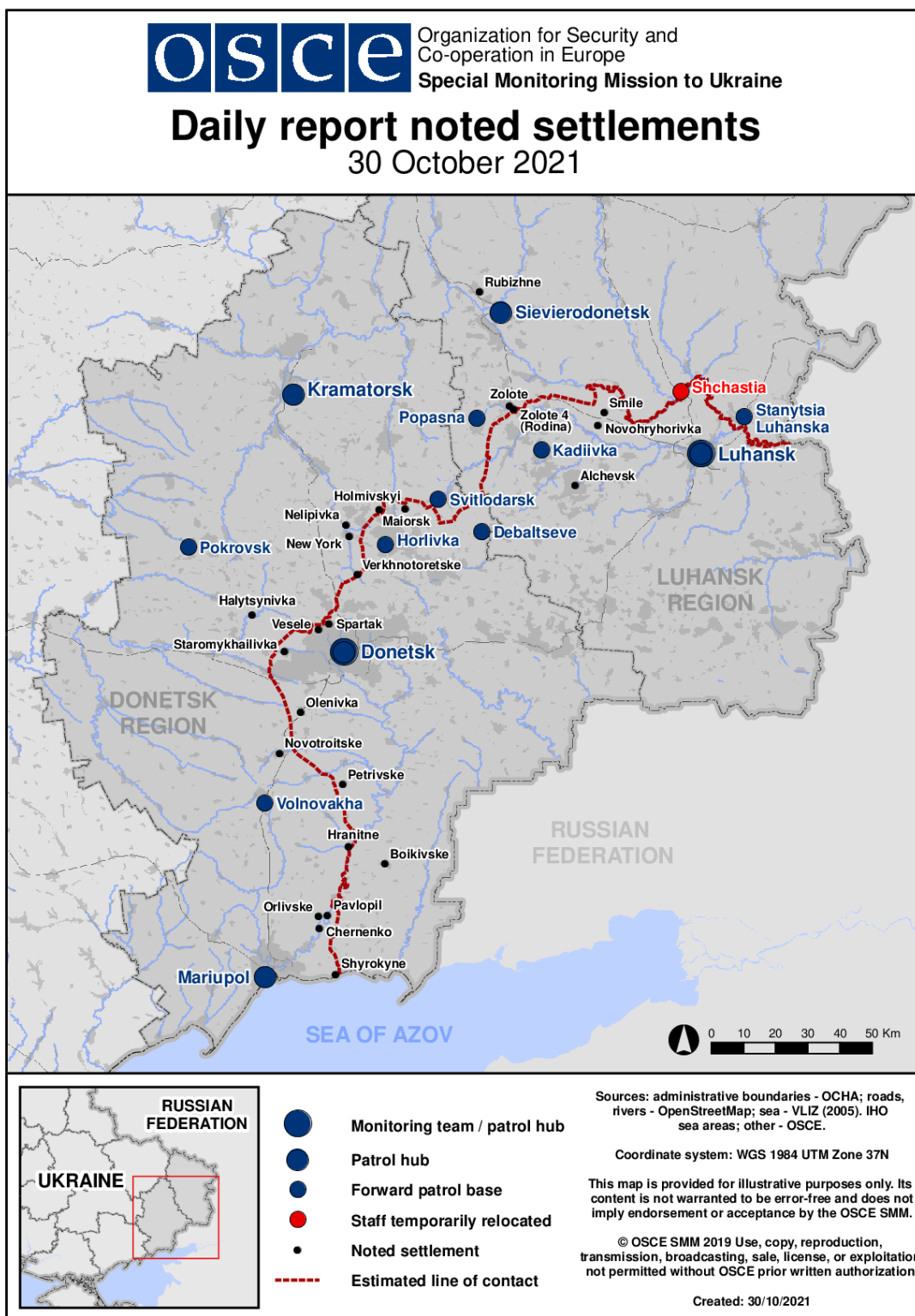
SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Hranitne (government-controlled, 60km S of Donetsk)	3-5km E	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 19:57
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km ENE	Recorded	6	Projectile	NNW to SSE	N/K	29-Oct, 18:32
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	29-Oct, 18:35
	2-4km E	Recorded	1	Explosion	Airburst	N/K	29-Oct, 18:35
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	29-Oct, 18:38
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km NNE	Recorded	26	Projectile	SW to NE	N/K	28-Oct, 19:27
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	1-2km WNW	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 19:47
	1-2km WNW	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 19:51
	1-2km WSW	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 22:36
	3-5km NNE	Recorded	2	Explosion	Airburst	N/K	28-Oct, 23:46
SMM camera in Petrivske (non-government-controlled, 41km S of Donetsk)	0.5-1km W	Recorded	2	Projectile	NNW to SSE (assessed as inside the disengagement area)	N/K	28-Oct, 19:49
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	3-5km N	Recorded	6	Projectile	SSE to NNW	N/K	28-Oct, 20:21
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 20:41
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 20:42
	4-6km N	Recorded	2	Explosion	Undetermined	N/K	28-Oct, 20:46
	4-6km N	Recorded	2	Explosion	Undetermined	N/K	28-Oct, 20:48
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 20:49
	3-5km N	Recorded	2	Projectile	WSW to ENE	N/K	28-Oct, 20:50
	3-5km N	Recorded	4	Projectile	WSW to ENE	N/K	28-Oct, 20:58
	3-5km N	Recorded	1	Muzzle flash		N/K	28-Oct, 20:58
	3-5km N	Recorded	1	Projectile	WSW to ENE (subsequent to previous event)	N/K	28-Oct, 20:58
	3-5km N	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	28-Oct, 20:58
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 20:59
	3-5km N	Recorded	1	Illumination flare	In vertical flight	N/K	28-Oct, 21:00
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 21:01
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 21:02
	4-6km N	Recorded	2	Explosion	Undetermined	N/K	28-Oct, 21:07
	4-6km N	Recorded	5	Explosion	Undetermined	N/K	28-Oct, 21:08
	3-5km N	Recorded	4	Projectile	WSW to ENE	N/K	28-Oct, 21:14
	4-6km N	Recorded	1	Explosion	Airburst	N/K	28-Oct, 21:32
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 21:33
	3-5km N	Recorded	7	Projectile	WSW to ENE	N/K	28-Oct, 21:40
	4-6km N	Recorded	2	Explosion	Undetermined	N/K	28-Oct, 21:42
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 21:44
3-5km N	Recorded	7	Projectile	WSW to ENE	N/K	28-Oct, 21:46	

¹⁰ 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
	3-5km N	Recorded	1	Projectile	WSW to ENE	N/K	28-Oct, 21:48
	3-5km N	Recorded	1	Projectile	S to N	N/K	28-Oct, 22:02
	3-5km N	Recorded	1	Muzzle flash		N/K	28-Oct, 22:21
	3-5km N	Recorded	1	Projectile	WSW to ENE (subsequent to previous event)	N/K	28-Oct, 22:21
	3-5km N	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	28-Oct, 22:21
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 22:22
	3-5km N	Recorded	3	Explosion	Undetermined	N/K	28-Oct, 22:25
	3-5km N	Recorded	1	Projectile	WSW to ENE	N/K	28-Oct, 22:25
	4-6km N	Recorded	1	Explosion	Airburst	N/K	28-Oct, 22:26
	4-6km N	Recorded	2	Explosion	Undetermined	N/K	28-Oct, 22:30
	4-6km N	Recorded	3	Explosion	Undetermined	N/K	28-Oct, 22:31
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 22:34
	3-5km N	Recorded	1	Muzzle flash		N/K	28-Oct, 22:37
	3-5km N	Recorded	1	Projectile	SE to NW (subsequent to previous event)	N/K	28-Oct, 22:37
	3-5km N	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	28-Oct, 22:37
	3-5km N	Recorded	4	Projectile	SSE to NNW	N/K	28-Oct, 22:38
	3-5km N	Recorded	4	Projectile	SSE to NNW	N/K	28-Oct, 22:39
	3-5km N	Recorded	11	Projectile	In vertical flight	N/K	28-Oct, 22:43
	3-5km N	Recorded	2	Projectile	In vertical flight	N/K	28-Oct, 22:44
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 22:45
	4-6km N	Recorded	1	Explosion	Airburst	N/K	28-Oct, 22:45
	3-5km N	Recorded	11	Projectile	WSW to ENE	N/K	28-Oct, 22:46
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 22:46
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 22:47
	3-5km N	Recorded	2	Projectile	WSW to ENE	N/K	28-Oct, 22:50
	3-5km N	Recorded	5	Projectile	WSW to ENE	N/K	28-Oct, 22:54
	3-5km N	Recorded	4	Projectile	WSW to ENE	N/K	28-Oct, 22:56
	3-5km N	Recorded	3	Illumination flare	In vertical flight	N/K	28-Oct, 23:02
	3-5km N	Recorded	29	Projectile	SE to NW	N/K	28-Oct, 23:15
	3-5km N	Recorded	1	Projectile	WNW to ESE	N/K	28-Oct, 23:15
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 23:23
	4-6km NNE	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 23:24
	3-5km N	Recorded	28	Projectile	SE to NW	N/K	28-Oct, 23:30
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 23:32
	3-5km N	Recorded	2	Projectile	SW to NE	N/K	28-Oct, 23:36
	3-5km N	Recorded	1	Muzzle flash		N/K	28-Oct, 23:37
	4-6km N	Recorded	1	Explosion	Airburst	N/K	28-Oct, 23:41
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	28-Oct, 23:43
	3-5km N	Recorded	3	Projectile	S to N	N/K	29-Oct, 00:13
	3-5km N	Recorded	4	Projectile	S to N	N/K	29-Oct, 00:15
	3-5km N	Recorded	1	Projectile	S to N	N/K	29-Oct, 00:22
	3-5km N	Recorded	5	Projectile	S to N	N/K	29-Oct, 00:23
	3-5km N	Recorded	2	Projectile	S to N	N/K	29-Oct, 00:56
	3-5km N	Recorded	2	Projectile	S to N	N/K	29-Oct, 03:39
	3-5km N	Recorded	4	Projectile	SW to NE	N/K	29-Oct, 04:40
	3-5km N	Recorded	4	Projectile	W to E	N/K	29-Oct, 04:40
	3-5km N	Recorded	4	Projectile	S to N	N/K	29-Oct, 04:41
About 2km NE of Chernenko (government-controlled, 86km S of Donetsk)	2-3km N	Heard	1	Burst		Small arms	29-Oct, 10:01
	2-3km NE	Heard	16	Explosion	Undetermined	N/K	29-Oct, 10:57-11:01

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
Pavlopil (government-controlled, 84km S of Donetsk)	2-3km NE	Heard	26	Burst		Small arms	29-Oct, 10:57-11:01
About 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	5km SE	Heard	5	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	29-Oct, 11:10-11:14
About 3km N of Petrivske (non-government-controlled, 41km S of Donetsk)	4-6km S	Heard	5	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	29-Oct, 11:15-11:30
Spartak (non-government-controlled, 9km N of Donetsk)	5-8km NW	Heard	3	Explosion	Undetermined	N/K	29-Oct, 11:18
	5-8km NW	Heard	2	Explosion	Undetermined	N/K	29-Oct, 11:32
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	3-5km NE	Heard	1	Explosion	Undetermined	N/K	29-Oct, 10:03
	5-7km NW	Heard	2	Explosion	Undetermined	N/K	29-Oct, 13:47
About 1km SW of Novoluhanske (government-controlled, 53km NE of Donetsk)	2-3km SSW	Heard and saw	2	Explosion	Undetermined	N/K	29-Oct, 11:52
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	3-5km E	Recorded	2	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	28-Oct, 19:46
	5-7km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	28-Oct, 20:13
	5-7km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	28-Oct, 22:51
	5-7km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	29-Oct, 01:32
2km south of the southern edge of Popasna (government-controlled, 69km W of Luhansk)	10-15km SSW	Heard and saw	5	Explosion	Impact	Artillery (type N/K)	29-Oct, 14:15-14:30
	10-15km S	Heard and saw	3	Explosion	Impact	N/K	29-Oct, 14:15-14:30
Northern edge of Popasna (government-controlled, 69km W of Luhansk)	4-6km E	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	29-Oct, 15:57-16:00
	4-6km E	Heard	11	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	29-Oct, 16:27-16:30
	4-6km E	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	29-Oct, 08:25
	4-6km E	Heard	99	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	29-Oct, 17:30-18:40
	4km E	Heard	221	Burst	Assessed as outside the disengagement area near Zolote	Small arms	29-Oct, 17:30-18:40
	4-6km E	Heard	75	Burst	Assessed as outside the disengagement area near Zolote	HMG	29-Oct, 17:30-18:40
Kadiivka (non-government controlled, 50km W of Luhansk)	10-12km NW	Heard	4	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	28-Oct, 20:19-20:30
	3-4 SW	Heard	3	Shot		Small arms	28-Oct, 20:19-20:30
Zolote-4/Rodina (government-controlled, 62km W of Luhansk)	2-4km NE	Heard	7	Burst	Assessed as outside the disengagement area near Zolote	HMG	29-Oct, 10:55-11:10

Map of Donetsk and Luhansk regions¹¹



¹¹ 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).