

Daily Report 241/2021

14 October 2021¹

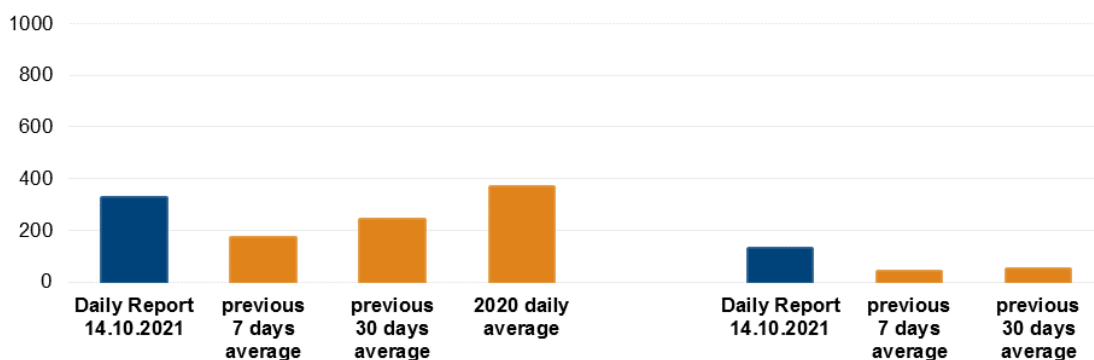
Summary

- In Donetsk region, the SMM recorded 230 ceasefire violations, including 96 explosions. In the previous reporting period, it recorded 244 ceasefire violations in the region.
- In Luhansk region, the Mission recorded 95 ceasefire violations, including 33 explosions. In the previous reporting period, it recorded 134 ceasefire violations in the region.
- The SMM continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske.* It recorded ceasefire violations inside the disengagement area near Petrivske.
- The Mission facilitated and monitored adherence to localized ceasefires to enable the operation and repair of critical civilian infrastructure, as well as vegetation clearance.
- The SMM continued following up on the situation of civilians, including at three entry-exit checkpoints and four corresponding checkpoints of the armed formations in Donetsk and Luhansk regions.²
- The Mission's freedom of movement continued to be restricted, including at checkpoints of the armed formations south of the Stanytsia Luhanska bridge, on the southern edge of the disengagement area near Zolote and at a checkpoint near the disengagement area near Petrivske. Its unmanned aerial vehicles again experienced instances of jamming.*

Ceasefire violations³

Number of recorded ceasefire violations⁴

Number of recorded explosions⁵



¹ Based on information from the Monitoring Teams as of 19:30, 13 October 2021. All times are in Eastern European Summer Time.

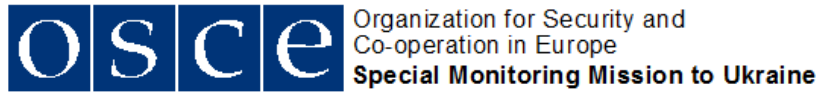
² In [SMM Daily Report of 9 October 2021](#), the summary line should have read “The Mission continued following up on the situation of civilians, including at seven entry-exit checkpoints (including the ones near Zolote and Shchastia) and three corresponding checkpoints of the armed formations in Donetsk and Luhansk regions.”

³ For a complete breakdown of ceasefire violations, please see the annexed table. During the reporting period, weather conditions limited the observation capabilities of some SMM cameras.

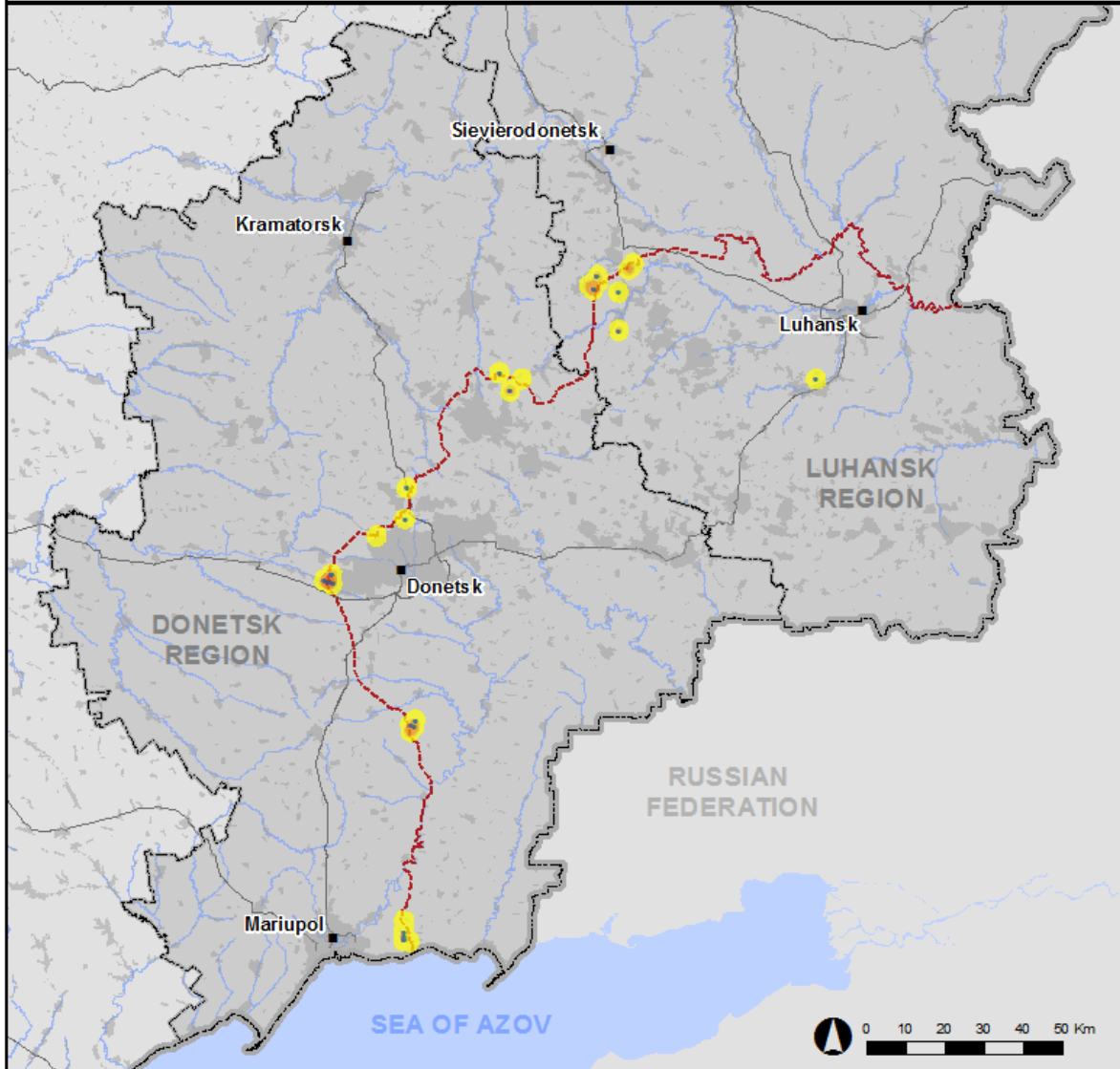
⁴ Including explosions.

⁵ Including from unidentified weapons.

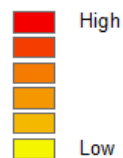
Map of recorded ceasefire violations



Ceasefire violations observed by the SMM 13 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: 14/10/2021

In Donetsk region, the SMM recorded 230 ceasefire violations, including 96 explosions (three impacts and 93 undetermined). The majority of ceasefire violations occurred north-east of Marinka (government-controlled, 23km south-west of Donetsk), as well as inside and near the disengagement area near Petrivske (non-government-controlled, 41km south of Donetsk) (see below). In the [previous reporting period](#), the Mission recorded 244 ceasefire violations in the region.

In Luhansk region, the SMM recorded 95 ceasefire violations, including 33 undetermined explosions. The majority of ceasefire violations occurred at south-easterly direction of Popasna (government-controlled, 69km west of Luhansk), as well as in areas near the disengagement area near Zolote (government-controlled, 60km west of Luhansk) (see below). In the [previous reporting period](#), the Mission recorded 134 ceasefire violations in the region, almost all of which also occurred close to the disengagement area near Zolote.

Following agreement reached at the meeting of the Trilateral Contact Group (TCG) 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 64,175 ceasefire violations in both Donetsk and Luhansk regions (including 17,597 explosions, 12,982 projectiles in flight, 285 muzzle flashes, 259 illumination flares and at least 33,052 bursts and shots).

Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske⁶

Inside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), the Mission saw two 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 12 October, the SMM camera in Zolote recorded two projectiles in flight at an assessed range of 4-6km east. During the day of 13 October, while positioned at two locations, the SMM heard one undetermined explosion and 17 shots of small-arms fire. On the evening of 13 October, while on the northern edge of Popasna, the Mission heard nine undetermined explosions at an assessed range of 4-5km east. Also on the evening of 13 October, the SMM camera in Popasna recorded three projectiles in flight and one muzzle flash at an assessed range of 4-6km east-south-east. All these ceasefire violations were assessed as outside the **disengagement area near Zolote** but within 5km of its periphery.

On 13 October, near the checkpoint of the armed formations south of the disengagement area near Zolote, the Mission saw ten members of the armed formations (wearing armbands with “JCCC” written on them). It then saw seven of them carrying prodding devices, enter the area, walk on road T-1316 to about 350m north of its southern edge and four of them returning. Shortly after, inside the disengagement area, near its southern edge, the SMM also observed a minivan and eight workers (one woman and seven men, in their forties to fifties) arrive, seven of the workers enter the area with grass cutters and three of them returning. Later on the same day, the Mission saw that vegetation on both sides of road T-1316 between the southern edge of the disengagement area and about 340m north of its southern edge had been cleared (see below).

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

The SMM again saw the seven previously observed containers located south of the disengagement area's southern edge and inside the area, as well as the previously reported underground structure inside the area.

On the evening and night of 12-13 October, the SMM camera 2km east of Bohdanivka (government-controlled, 41km south-west of Donetsk) recorded one undetermined explosion and two projectiles in flight at an assessed range of 2-4km east-south-east, assessed as inside the **disengagement area near Petrivske**. During the same evening and night, it also recorded three undetermined explosions at an assessed range of 3-5km east, assessed as outside the disengagement area but within 5km of its periphery, and one undetermined explosion and 38 projectiles in flight at assessed ranges of 3-5km east-south-east and south-east, unable to be assessed as either inside or outside the disengagement area.

During the day on 13 October, while positioned about 2km east of Bohdanivka, the Mission observed a calm situation near the disengagement area.*

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.

In violation of withdrawal lines, the Mission saw one surface-to-air missile system near a residential area and one anti-tank guided missile system, both in government-controlled areas of Donetsk region. In a non-government controlled area, at an airfield near Peremozhne (19km south of Luhansk), it saw one multiple launch rocket system, five howitzers and one anti-tank gun.

Beyond withdrawal lines but outside designated storage sites, the SMM observed two surface-to-air missile systems, two mortars and two tanks at the abovementioned airfield. (For further information, see the tables below.)

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

The Mission observed eight armoured combat vehicles in government-controlled areas of Donetsk and Luhansk regions, as well as four infantry fighting vehicles and one probable anti-aircraft gun in non-government-controlled areas of Donetsk and Luhansk region. (For further information, see the table below.)

Presence of anti-tank mines near government-controlled Luhanske, Donetsk region

On 12 October, about 5km south-east of Luhanske (government-controlled, 59km north-east of Donetsk), an SMM mini-unmanned aerial vehicle (UAV) spotted 14 previously reported anti-tank mines laid across road M-03, assessed as belonging to the Ukrainian Armed Forces. (For previous observations in the area see [SMM Daily Report of 1 June 2021](#).)

SMM facilitation - the operation and repairs of critical civilian infrastructure

The Mission continued to facilitate the operation of the Donetsk Filtration Station (DFS) (15km north of Donetsk) and monitored adherence to a localized ceasefire to enable repairs to the

roofs of its buildings. While positioned at two locations near the station, the SMM heard nine undetermined explosions, assessed as inside a 5km radius of the DFS.

The Mission also monitored adherence to a localized ceasefire to enable inspection and repairs to water infrastructure in Zolote-5/Mykhailivka (non-government-controlled, 60km west of Luhansk) and to enable vegetation clearance on both sides of road T-1316 south of the railway bridge in the disengagement area near Zolote.

Situation at entry-exit checkpoints and corresponding checkpoints

In Donetsk region, the SMM observed that the corresponding checkpoint of the armed formations near Olenivka (non-government-controlled, 23km south-west of Donetsk) was closed.

In Luhansk region, the Mission observed that the entry-exit checkpoint (EECP) near Stanytsia Luhanska and the corresponding checkpoint of the armed formations south of the Stanytsia Luhanska bridge were open, with people queuing to travel in both directions.

While at the EECP, the SMM observed a civilian van and five workers (men, in their forties to fifties) with vegetation-trimming equipment, shovels and brooms clearing vegetation on both sides of the road between the EECP and the repaired span of the Stanytsia Luhanska bridge. (For previous observations in the area, see [SMM Daily Report of 13 October 2021](#)).

The Mission 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 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 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 13 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 south of the Stanytsia Luhanska bridge (15km north-east of Luhansk), a member of the armed formations [again](#) denied the SMM passage towards the bridge, referring to a lack of prior coordination with those in control.
- At a checkpoint on the southern edge of the disengagement area near Zolote (government-controlled, 60km west of Luhansk), a member of the armed formations denied the Mission passage south, referring to the SMM's safety.
- At a checkpoint 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 "ongoing de-mining activities in the area".

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.

Delays:

- At a checkpoint near Zaichenko (non-government-controlled, 93km south of Donetsk), an armed member of the armed formations allowed the SMM passage south-west towards Pikuzy (formerly Kominternove, non-government-controlled, 92km south of Donetsk) only after about 31 minutes of waiting, citing "ongoing engineering works". The Mission was en route to follow up on reports of damage to civilian properties.

Other impediments:⁷

- SMM mini-UAVs experienced GPS signal interference, assessed as caused by probable jamming, during five flights: twice each while flying over areas near Tonenke (government-controlled, 19km north-west of Donetsk) and near Novotoshkivske (government-controlled, 53km west of Luhansk), and once near Orikhove (government-controlled, 57km north-west of Luhansk).

⁷ 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.

Tables of weapons

Weapons in violation of withdrawal lines

Date	No. of weapons	Type of weapon	Location	Source of observation
Government-controlled areas				
12/10/2021	1	Anti-tank guided missile system (9P148 <i>Konkurs</i> , 135mm)	Near Pionerske (101km south of Donetsk)	Mini-UAV
13/10/2021	1	Surface-to-air missile system (9K33 <i>Osa</i>)	Near a residential area of Tonenke (19km north-west of Donetsk)	Patrol
Non-government-controlled areas				
12/10/2021	1	Multiple launch rocket system (BM-21 <i>Grad</i> , 122mm)	On the runway of the airfield near Peremozhne (19km south of Luhansk) (for previous observations, see SMM Daily Report 27 August 2021.)	Mini-UAV
	1	Self-propelled howitzer (2S3 <i>Akatsiya</i> , 152mm)		
	1	Self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm)		
	1	Towed howitzer (2A65 <i>Msta-B</i> , 152mm)		
	1	Towed howitzer (D-30A <i>Lyagushka</i> , 122mm)		
	1	Anti-tank gun (MT-12 <i>Rapira</i> , 100mm)		
	1	Towed howitzer (D-20, 152mm)		

Weapons beyond withdrawal lines but outside designated storage sites

Date	No. of weapons	Type of weapon	Location	Source of observation
Non-government-controlled areas				
12/10/2021	1	Surface-to-air missile system (9K35 <i>Strela-10</i>)	On the runway of the airfield near Peremozhne (19km south of Luhansk) (for previous observations, see SMM Daily Report 27 August 2021.)	Mini-UAV
	1	Surface-to-air missile system (9K33 <i>Osa</i>)		
	1	Towed mortar (2B9 <i>Vasilek</i> , 82mm)		
	1	Mortar (2B14 <i>Podnos</i> , 82mm)		
	2	Tank (one T-72 and one T-64)		

Table of military and military-type presence in the security zone⁸

Date	No.	Type	Location	Source of observation
Government-controlled areas				
12/10/2021	4	Probable armoured personnel carrier (BTR variant)	Near Stanytsia Luhanska (16km north-east of Luhansk)	Mini-UAV
	3	Armoured combat vehicle (type undetermined)	Near Verkhnotoretske (23km north-east of Donetsk)	
13/10/2021	1	Armoured reconnaissance vehicle (BRDM-1)	Near Heivka (27km north-west of Luhansk)	Patrol
Non-government-controlled areas				
10/10/2021	1	Probable anti-aircraft gun (ZPU-1, 14.5mm)	Near Nyzhnie Lozove (59km north-east of Donetsk)	Mini-UAV
13/10/2021	4	Infantry fighting vehicle (three BMP-2 and one BMP-1)	Near Dovhe (22km north-west of Luhansk)	Patrol

⁸ 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 October 2021⁹

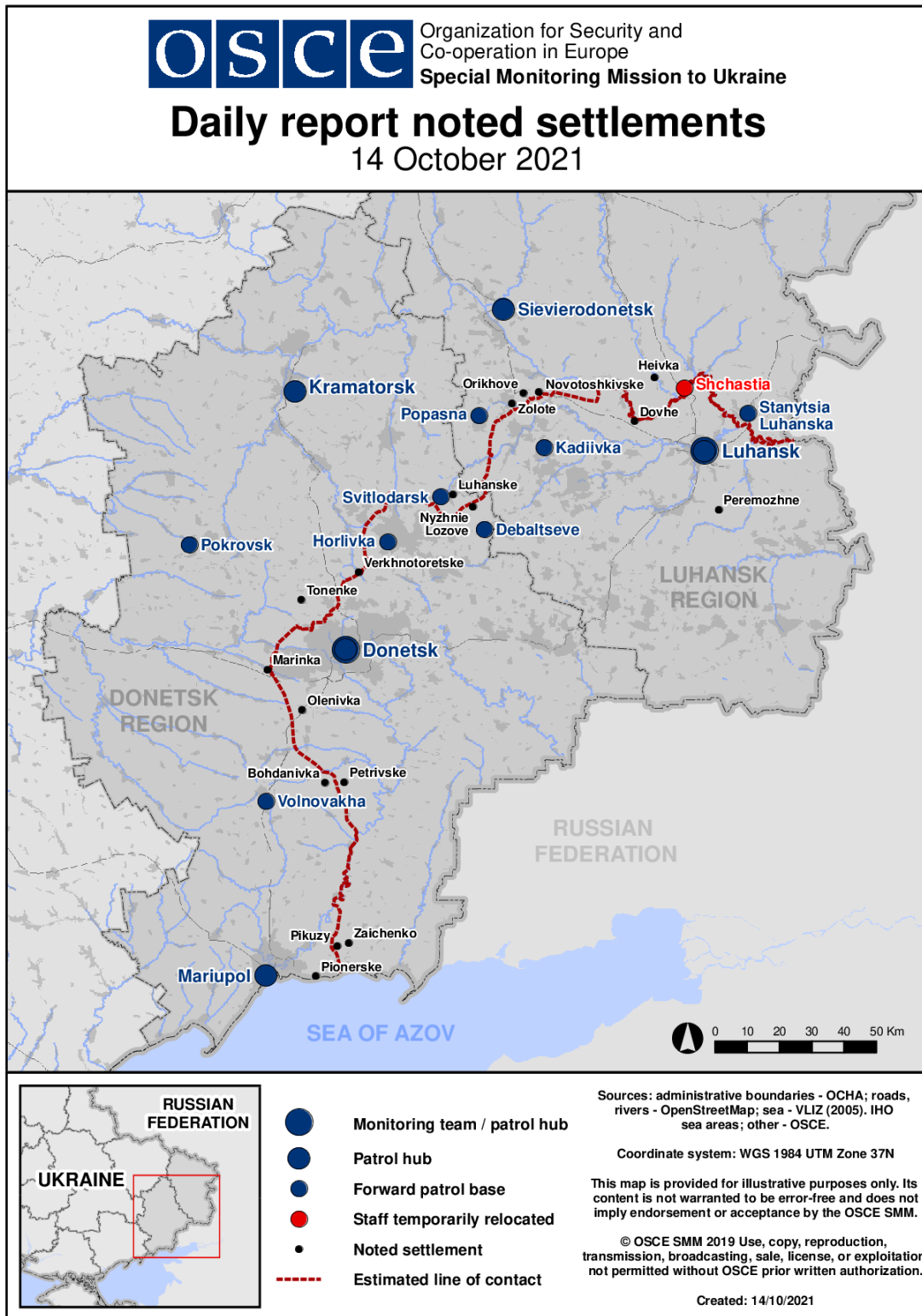
SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera 2km E of Bohdaniivka (government-controlled, 41km SW of Donetsk)	3-5km SE	Recorded	9	Projectile	N to S (unable to be assessed as either inside or outside the disengagement area near Petrivske)	N/K	12-Oct, 20:54
	3-5km SE	Recorded	12	Projectile	N to S (unable to be assessed as either inside or outside the disengagement area near Petrivske)	N/K	12-Oct, 20:55
	2-4km ESE	Recorded	2	Projectile	NNE to SSW (assessed as inside the disengagement area near Petrivske)	N/K	12-Oct, 21:11
	3-5km ESE	Recorded	1	Explosion	Undetermined (unable to be assessed as either inside or outside the disengagement area near Petrivske)	N/K	12-Oct, 23:15
	3-5km ESE	Recorded	10	Projectile	SSW to NNE (unable to be assessed as either inside or outside the disengagement area near Petrivske)	N/K	12-Oct, 23:16
	2-4km ESE	Recorded	1	Explosion	Undetermined (assessed as inside the disengagement area near Petrivske)	N/K	12-Oct, 23:18
	3-5km ESE	Recorded	7	Projectile	SW to NE (unable to be assessed as either inside or outside the disengagement area near Petrivske)	N/K	12-Oct, 23:57
	3-5km E	Recorded	3	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	13-Oct, 02:01
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km NNE	Recorded	2	Explosion	Undetermined	N/K	12-Oct, 21:30
	2-4km NE	Recorded	2	Explosion	Undetermined	N/K	12-Oct, 21:30
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	12-Oct, 21:31
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	12-Oct, 21:32
	2-4km N	Recorded	1	Muzzle flash		N/K	12-Oct, 21:32
	2-4km N	Recorded	1	Projectile	SW to NE (subsequent to previous event)	N/K	12-Oct, 21:32
	2-4km NE	Recorded	2	Explosion	Undetermined	N/K	12-Oct, 21:33
	2-4km NNE	Recorded	1	Muzzle flash		N/K	12-Oct, 21:37
	2-4km NNE	Recorded	1	Projectile	W to E (subsequent to previous event)	N/K	12-Oct, 21:37
	2-4km NNE	Recorded	1	Explosion	Undetermined (subsequent to previous event)	N/K	12-Oct, 21:37
	2-4km NNE	Recorded	6	Projectile	W to E	N/K	12-Oct, 21:39
	2-4km NNE	Recorded	4	Projectile	W to E	N/K	12-Oct, 21:42
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	12-Oct, 21:42
	2-4km NNE	Recorded	1	Muzzle flash		N/K	12-Oct, 21:42

⁹ 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
	2-4km NNE	Recorded	1	Explosion	Undetermined (subsequent to previous event)	N/K	12-Oct, 21:42
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	12-Oct, 21:43
	2-4km NNE	Recorded	8	Projectile	W to E	N/K	12-Oct, 21:45
	2-4km NNE	Recorded	1	Muzzle flash		N/K	12-Oct, 21:45
	2-4km NNE	Recorded	1	Projectile	WSW to ENE (subsequent to previous event)	N/K	12-Oct, 21:45
	2-4km NNE	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	12-Oct, 21:45
	2-4km NNE	Recorded	3	Explosion	Undetermined	N/K	12-Oct, 21:45
	2-4km NNE	Recorded	8	Projectile	W to E	N/K	12-Oct, 21:46
	2-4km NNE	Recorded	3	Muzzle flash		N/K	12-Oct, 21:46
	4-6km NNE	Recorded	9	Explosion	Undetermined	N/K	12-Oct, 21:46
	2-4km NNE	Recorded	7	Projectile	W to E	N/K	12-Oct, 21:47
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	12-Oct, 21:47
	4-6km NNE	Recorded	3	Explosion	Undetermined	N/K	12-Oct, 21:47
	2-4km NNE	Recorded	4	Projectile	W to E	N/K	12-Oct, 21:48
	4-6km NNE	Recorded	1	Explosion	Undetermined	N/K	12-Oct, 21:50
	2-4km NNE	Recorded	1	Projectile	W to E	N/K	12-Oct, 21:52
	2-4km NNE	Recorded	1	Muzzle flash		N/K	12-Oct, 21:53
	2-4km NNE	Recorded	1	Projectile	W to E (subsequent to previous event)	N/K	12-Oct, 21:53
	2-4km NNE	Recorded	3	Projectile	W to E	N/K	12-Oct, 21:54
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	12-Oct, 21:54
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	12-Oct, 21:55
	2-4km NNE	Recorded	4	Projectile	W to E	N/K	12-Oct, 21:55
	2-4km NNE	Recorded	1	Muzzle flash		N/K	12-Oct, 21:56
	2-4km NNE	Recorded	1	Projectile	W to E (subsequent to previous event)	N/K	12-Oct, 21:56
	2-4km NNE	Recorded	1	Projectile	SW to NE	N/K	12-Oct, 21:56
	2-4km NNE	Recorded	1	Projectile	SW to NE	N/K	12-Oct, 21:58
	2-4km NNE	Recorded	2	Projectile	W to E	N/K	12-Oct, 21:59
	2-4km NNE	Recorded	2	Explosion	Undetermined	N/K	12-Oct, 22:00
	2-4km NNE	Recorded	5	Projectile	W to E	N/K	12-Oct, 22:00
	2-4km NNE	Recorded	7	Projectile	W to E	N/K	12-Oct, 22:01
2-4km NNE	Recorded	1	Projectile	SW to NE	N/K	12-Oct, 22:02	
2-4km NNE	Recorded	3	Projectile	W to E	N/K	12-Oct, 22:02	
2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	12-Oct, 22:02	
2-4km NNE	Recorded	14	Projectile	W to E	N/K	12-Oct, 22:04	
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	1-2km W	Recorded	1	Projectile	N to S	N/K	13-Oct, 18:56
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	4-6km N	Recorded	1	Muzzle flash		N/K	12-Oct, 18:38
	4-6km N	Recorded	1	Projectile	W to E (subsequent to previous event)	N/K	12-Oct, 18:38
	4-6km N	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	12-Oct, 18:38
	5-7km N	Recorded	1	Explosion	Undetermined	N/K	12-Oct, 18:47
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	12-Oct, 19:08
	3-5km NNE	Recorded	1	Projectile	W to E	N/K	12-Oct, 20:14
	3-5km NNE	Recorded	2	Projectile	W to E	N/K	12-Oct, 21:38
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	12-Oct, 22:42
	4-6km N	Recorded	2	Projectile	SE to NW	N/K	13-Oct, 00:09
	3-5km N	Recorded	1	Illumination flare	In vertical flight	N/K	13-Oct, 18:27
	3-5km N	Recorded	1	Projectile	SW to NE	N/K	13-Oct, 18:34
	3-5km N	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	13-Oct, 18:34
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-4km WSW	Recorded	1	Burst	S to N (in vertical flight)	N/K	12-Oct, 21:31
Krasnohorivka (government-controlled, 24km N of Donetsk)	6-8km SE	Heard	2	Explosion	Undetermined	N/K	13-Oct, 11:52
S part of Avdiivka (government-controlled, 17km N of Donetsk)	5km SE	Heard	7	Explosion	Undetermined	N/K	13-Oct, 12:22

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
W edge of Novoluhanske (government-controlled, 53km NE of Donetsk)	3-5km SSW	Heard	15	Explosion	Undetermined	N/K	12-Oct, 11:03
About 1km W of Kodema (government-controlled, 57km NE of Donetsk)	4-6km SSE	Heard	7	Explosion	Undetermined	N/K	13-Oct, 12:23
Hranitne (government-controlled, 60km S of Donetsk)	3-5km N/K	Heard	20	Explosion	Undetermined	N/K	13-Oct, 12:10-12:45
Pikuzy (formerly Kominternove, non-government-controlled, 92km S of Donetsk)	600-800m SW	Heard	1	Shot		Small arms	13-Oct, 13:35
SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk)	4-6km ESE	Recorded	1	Projectile	SW to NE (assessed as outside the disengagement area near Zolote)	N/K	13-Oct, 18:39
	4-6km ESE	Recorded	2	Muzzle flash	Assessed as outside the disengagement area near Zolote	N/K	13-Oct, 18:39
	4-6km ESE	Recorded	2	Projectile	SW to NE (subsequent to previous event, assessed as outside the disengagement area near Zolote)	N/K	13-Oct, 18:39
	4-6km ESE	Recorded	1	Muzzle flash	Assessed as outside the disengagement area near Zolote	N/K	13-Oct, 18:39
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	4-6km E	Recorded	1	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	12-Oct, 19:46
	4-6km E	Recorded	1	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	12-Oct, 19:49
N edge of Popasna (government-controlled, 69km W of Luhansk)	3-5km SE	Heard	8	Shot and burst		Small arms	13-Oct, 00:16-00:18
	4-6km SE	Heard	9	Burst		Small arms	13-Oct, 00:16-00:18
	4-6km SE	Heard	3	Explosion	Undetermined	N/K	13-Oct, 01:06
	4-6km SE	Heard	4	Explosion	Undetermined	N/K	13-Oct, 01:50
	4-6km SE	Heard	15	Burst		Small arms	13-Oct, 01:50
	3-4km SE	Heard	7	Burst		HMG	13-Oct, 17:50-18:05
	4-5km E	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	13-Oct, 18:13-18:20
4-5km E	Heard	7	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	13-Oct, 18:28-18:31	
About 3km N of Pervomaisk (non-government-controlled, 58km W of Luhansk)	2-3km NE	Heard	17	Shot	Assessed as outside the disengagement area near Zolote	Small arms	13-Oct, 09:40-09:42
SSW edge of Luhansk city (non-government-controlled)	10-15km SSW	Heard	7	Explosion	Undetermined	N/K	13-Oct, 11:20-11:35
About 50m NE of EECP near Zolote (government-controlled, 60km W of Luhansk)	6-7km S	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	13-Oct, 13:44
Kadiivka (formerly Stakhanov, non-government-controlled, 50km W of Luhansk)	10-12km WSW	Heard	9	Explosion	Undetermined	N/K	13-Oct, 17:45-18:00

Map of Donetsk and Luhansk regions¹⁰



¹⁰ 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).