

Daily Report 269/2021

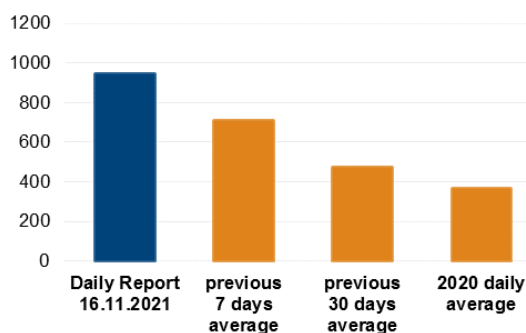
16 November 2021¹

Summary

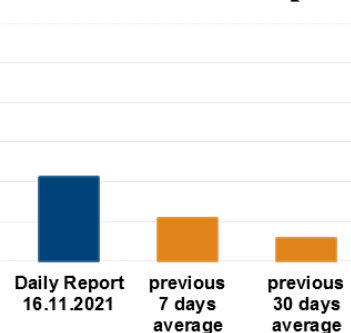
- In Donetsk region, the SMM recorded 268 ceasefire violations, including 43 explosions. In the previous 24 hours, it recorded 479 ceasefire violations in the region.
- In Luhansk region, the Mission recorded 678 ceasefire violations, including 381 explosions. In the previous 24 hours, it recorded 547 ceasefire violations in the region.
- The Mission continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske. It recorded ceasefire violations inside the disengagement area near Petrivske and spotted people inside the disengagement areas near Zolote and Petrivske.
- 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 the four corresponding checkpoints of the armed formations in Donetsk and Luhansk regions.
- The SMM visited three border crossing points and monitored border areas outside government control in Donetsk region.
- The Mission observed an event in Kyiv.
- The SMM's freedom of movement continued to be restricted, including at a checkpoint of the Ukrainian Armed Forces in Donetsk region and at three checkpoints of the armed formations in southern Donetsk region. Its UAVs again experienced multiple instances of probable jamming and jamming.*

Ceasefire violations²

Number of recorded ceasefire violations³



Number of recorded explosions⁴



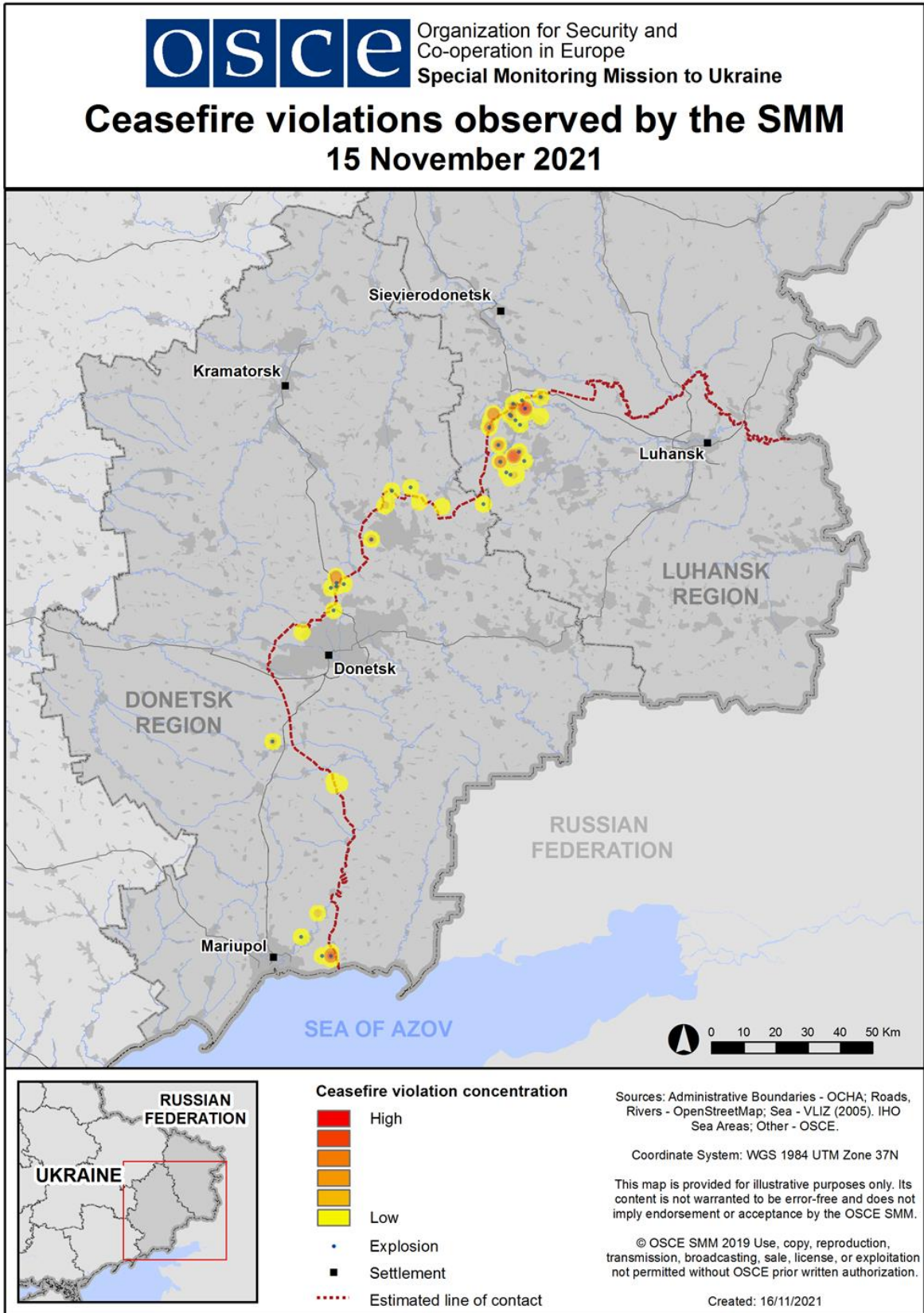
¹ Based on information from the Monitoring Teams as of 19:30, 15 November 2021. All times are in Eastern European Time.

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



In Donetsk region, the SMM recorded 268 ceasefire violations, including 43 explosions (one impact, four outgoing and 38 undetermined). The majority of ceasefire violations occurred in areas north of Shyrokyne (government-controlled, 100km south of Donetsk) and in areas north-north-east and east of Kamianka (government-controlled, 20km north of Donetsk). In the [previous 24 hours](#), the Mission recorded 479 ceasefire violations in the region, some of which also occurred in areas north of Shyrokyne.

In Luhansk region, the SMM recorded 678 ceasefire violations, including 381 explosions (three outgoing, three impacts and 375 undetermined). The majority of ceasefire violations occurred at easterly, southerly, and westerly directions of the disengagement area near Zolote (government-controlled, 60km west of Luhansk) (see below), and at northerly and westerly directions of Kadiivka (non-government-controlled, 50km west of Luhansk). In the [previous 24 hours](#), the Mission recorded 547 ceasefire violations in the region.

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 79,976 ceasefire violations in both Donetsk and Luhansk regions (including 21,853 explosions, 18,369 projectiles in flight, 376 muzzle flashes, 342 illumination flares and at least 39,036 bursts and shots).

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).

During the day on 13 November, inside the **disengagement area near Zolote**, an SMM long-range unmanned aerial vehicle (UAV) spotted two people inside a former position of the Ukrainian Armed Forces, about 200m west-south-west of the area’s north-eastern corner. During the day on 14 November, also inside the disengagement area, an SMM long-range UAV spotted two people inside a former position of the Ukrainian Armed Forces about 550m south of the area’s northern edge and about 300m east of road T-1316.

On the evening of 14 November, the SMM camera in Popasna (government-controlled, 69km west of Luhansk) recorded seven projectiles in flight at an assessed range of 4-6km east-south-east. On the same evening, the SMM camera in Zolote recorded one undetermined explosion and one illumination flare at an assessed range of 2-4km east. All these ceasefire violations were assessed as outside the disengagement area but within 5km of its periphery.

During the day on 15 November, while positioned at three locations near the disengagement area, the SMM heard 216 undetermined explosions and 72 bursts and shots of small-arms and heavy-machine-gun fire. All these ceasefire violations were assessed as outside the disengagement area but within 5km of its periphery.

During the day on 15 November, near the checkpoint of the armed formations south of the disengagement area, the Mission saw three members of the armed formations (wearing

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

armbands with “JCCC” written on them). The SMM 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, continued to be closed.

During the day on 13 November, inside the **disengagement area near Petrivske** (non-government-controlled, 41km south of Donetsk), an SMM long-range UAV spotted a person inside a former position of the armed formations about 360m north-north-west of the area’s south-eastern corner. On the morning of 14 November, an SMM long-range UAV spotted three people inside former positions of the Ukrainian Armed Forces about 100m north of the area’s southern edge and about 1.5km east of the area’s south-western corner. The same UAV also again spotted two people inside former positions of the armed formations about 360m north-north-west of the area’s south-eastern corner.

On the evening of 14 November, the SMM camera 2km east of Bohdanivka (government-controlled, 41km south-west of Donetsk) recorded one projectile in flight at an assessed range of 1-3km east-south-east, assessed as inside the disengagement area. It also recorded 11 projectiles in flight and one illumination flare at an assessed range of 2-5km east-south-east and south-east, unable to be assessed as either inside or outside the disengagement area.

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.

In violation of withdrawal lines, the SMM observed three howitzers in a government-controlled area of Luhansk region.

Beyond withdrawal lines but outside designated storage sites, the Mission observed two anti-tank guided missile systems at a compound in a residential area in a government-controlled area of Donetsk region, as well as 30 tanks and one howitzer in a training area near Pokrovka (non-government-controlled, 36km east of Donetsk). (For further information, see the tables below.)

Weapons storage sites

At two permanent storage sites in government-controlled areas of Luhansk region

13 November

The SMM noted that 20 tanks (T-72) and four mortars (three M120-15 *Molot*, 120mm and one M-37, 82mm) were missing, compared with previous visits on 16 May and 19 September 2021.

Weapons that the SMM could not verify as withdrawn⁶

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

13 November

⁶ The SMM observed weapons that could not be verified as withdrawn, as their storage did not comply with the criteria set out in the 16 October 2015 notification from the SMM to the signatories of the Package of Measures on effective monitoring and verification of the withdrawal of heavy weapons.

The SMM noted that 19 self-propelled howitzers (2S1 *Gvozdika*, 122mm) and five anti-tank guns (MT-12 *Rapira*, 100mm) were present and that one self-propelled howitzer (2S1 *Gvozdika*, 122mm) was missing, compared with a previous visit on 28 September 2021.

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

The SMM observed seven armoured combat vehicles (five of which probable) in government-controlled areas of Donetsk and Luhansk regions including in a residential area, as well as two probable armoured combat vehicles and one probable radio relay station at a compound in a residential area in a non-government-controlled area of Donetsk region. (For further information, see the table below.)

Presence of anti-tank mines near Bezimenne, Donetsk region

On 14 November, about 3km west of Bezimenne (non-government-controlled, 100km south of Donetsk), an SMM mid-range UAV spotted four anti-tank mines (not previously reported and not seen in imagery from 15 September 2021) laid across road M-14, assessed as belonging to the armed formations and not recently laid.

SMM facilitation of the operation and repair of critical civilian infrastructure

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

It also monitored adherence to a localized ceasefire to enable repair to a water pipeline near Hladosove (government-controlled, 51km north-east of Donetsk).

Situation at entry-exit checkpoints and corresponding checkpoints

In Donetsk region, the SMM observed 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 civilian traffic passing through in both directions.

In Luhansk region, the SMM 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 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.

About 300m south of the EECP near Zolote, close to the intersection of road T-1316 and the road leading to Zolote-4/Rodina (government-controlled, 62km west of Luhansk), the SMM observed that ground works continued involving more than 25 workers, some of whom were operating machinery. (For previous observations in this area, SMM Daily Report of [15 November 2021](#).)

Border areas outside government control⁷

While at a border crossing point near Uspenka (73km south-east of Donetsk), for about 60 minutes, the Mission saw 29 cars (including 19 with “DPR” plates), one covered cargo truck (with “DPR” plates), one bus (carrying passengers of mixed genders and ages), and 19 people (ten women and seven men of mixed ages and two children) entering Ukraine, as well as 22 cars (including 15 with “DPR” plates), five trucks (including four with covered cargo and “DPR” plates), one bus (with “DPR” plates, carrying passengers of mixed genders and ages), and 43 people (26 women and 17 men, mixed ages) exiting Ukraine.

While at a border crossing point near Ulianivske (61km south-east of Donetsk), for about 50 minutes, the SMM saw two women (in their thirties and sixties) exiting Ukraine.

While at a border crossing point near Novoazovsk (102km south-east of Donetsk), for about 30 minutes, the Mission saw 12 cars (including seven with “DPR” plates) and one covered cargo truck entering Ukraine, as well as nine cars (including four with “DPR” plates) and eight covered cargo trucks (including six with “DPR” plates) exiting Ukraine.

The SMM also monitored areas close to the border with the Russian Federation near Stepne (72km south-east of Donetsk), Petropavlivka (68km south-east of Donetsk), Novoivanivka (57km south-east of Donetsk), Amvrosiivka (56km south-east of Donetsk), Kumachove (55km south-east of Donetsk), Kultura (54km south-east of Donetsk), Markyne (94km south of Donetsk), Kovske (91km south of Donetsk), Samiilove (89km south of Donetsk), and Khomutove (87km south of Donetsk) and observed no change in the security situation.

The SMM monitored an event in Kyiv

In Kyiv, at Sofiiska square, the SMM observed 138 empty chairs in rows, with names printed upon sheets of papers attached to them, as part of a human rights event in support of Ukrainian citizens allegedly held in non-government-controlled areas of Donetsk and Luhansk regions, the Crimean Peninsula, and the Russian Federation. The Mission observed approximately 25 media representatives and 20 participants (mixed genders, mostly in their thirties to fifties) and noted 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, 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

⁷ According to decisions in 2014 by the Cabinet of Ministers of Ukraine, operations are officially designated as suspended at these and other border crossing points located outside government control.

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 15 November 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 near Novoluhanske (government-controlled, 53km north-east of Donetsk) a soldier of the Ukrainian Armed Forces denied the Mission passage west towards Dolomitne (53km north-east of Donetsk) citing "orders from his superior".
- At a checkpoint near Novoazovsk (non-government-controlled, 102km south-east of Donetsk), an armed member of the armed formations denied the Mission passage east towards the settlement, citing "ongoing training activities in the area". While at the checkpoint, the SMM observed civilian traffic passing through in both directions.
- At a checkpoint near Oleksandrivske (formerly Rozy Liukseburh, non-government-controlled, 90km south-east of Donetsk), an armed member of the armed formations denied the Mission passage east towards Markyne (non-government-controlled, 94km south of Donetsk), citing "ongoing training activities in the area" and "the SMM's safety".
- At a checkpoint near Siedove (non-government-controlled, 106km south of Donetsk), four members of the armed formations, two of whom visibly armed, denied the Mission passage south-east towards the settlement, citing an "ongoing operation" 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.

Other impediments:⁸

- 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 Starovarvarivka (government-controlled, 87km north-west of Donetsk) and Novotroitske (government-controlled, 78km north-west of Donetsk) and between Serhiivka (government-controlled, 81km north of Donetsk) and Varvarivka (government-controlled, 81km north-west of Donetsk). The same UAV experienced GPS signal interference, assessed as caused by jamming, while flying over areas between Novotroitske and Razine (government-controlled, 55km north-west of Donetsk) and between Krasnohorivka (government-controlled, 24km north of Donetsk) and Serhiivka.
- An SMM mid-range UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas near government-controlled Vodiane (94km south of Donetsk).
- SMM mini-UAVs experienced GPS signal interference, assessed as caused by probable jamming, during 11 flights: on four occasions near Verkhnotoetske (government-controlled, 23km north-east of Donetsk), on two occasions near Holmivskiyi (non-government-controlled, 49km north-east of Donetsk), near Zaitseve (50km north-east of Donetsk), and

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.

near Mykolaivka (government-controlled, 40km south of Donetsk), and once while flying over areas near Lysychansk (government-controlled, 75km north-west of Luhansk). On the same day, an SMM mini-UAV flight was cancelled close to the southern edge of the disengagement area near Zolote (government-controlled, 60km west of Luhansk) due to GPS signal interference, assessed as caused by probable jamming.

Table of weapons

Weapons in violation of withdrawal lines

Date	No. of weapons	Type of weapon	Location	Source of observation
Government-controlled areas				
14/11/2021	3	Self-propelled howitzer (2S5 <i>Giatsint-S</i> , 152mm)	Near Vyskryva (76km west of Luhansk)	Long-range UAV

Weapons beyond withdrawal lines but outside designated storage sites

Date	No. of weapons	Type of weapon	Location	Source of observation
Government-controlled areas				
14/11/2021	2	Anti-tank guided missile system (9P148 <i>Konkurs</i> , 135mm)	At a compound in a residential area of Zhelanne (36km north-west of Donetsk)	Long-range UAV
Non-government-controlled areas				
14/11/2021	13	Tank (T-72)	In a training area near Pokrovka (36km east of Donetsk)	Long-range UAV
	7	Tank (T-64)		
	10	Tank (type undetermined)		
	1	Self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm)		

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

Date	No.	Type	Location	Source of observation
Government-controlled areas				
13/11/2021	1	Armoured personnel carrier (MT-LB)	In a residential area of Pobeda (27km west of Donetsk)	Long-range UAV
13/11/2021	1	Infantry fighting vehicle (BMP-1)	Near New York (formerly Novhorodske, 35km north of Donetsk)	Mini-UAV
14/11/2021	5	Probable infantry fighting vehicle (BMP type)	Near Vyskryva (76km west of Luhansk)	Long-range UAV
Non-government-controlled areas				
14/11/2021	2	Probable armoured combat vehicle (type undetermined)	At a compound in a residential area of Bezimenne (100km south of Donetsk)	Mid-range UAV
	1	Probable radio relay station (R-419A)		

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 15 November 2021¹⁰

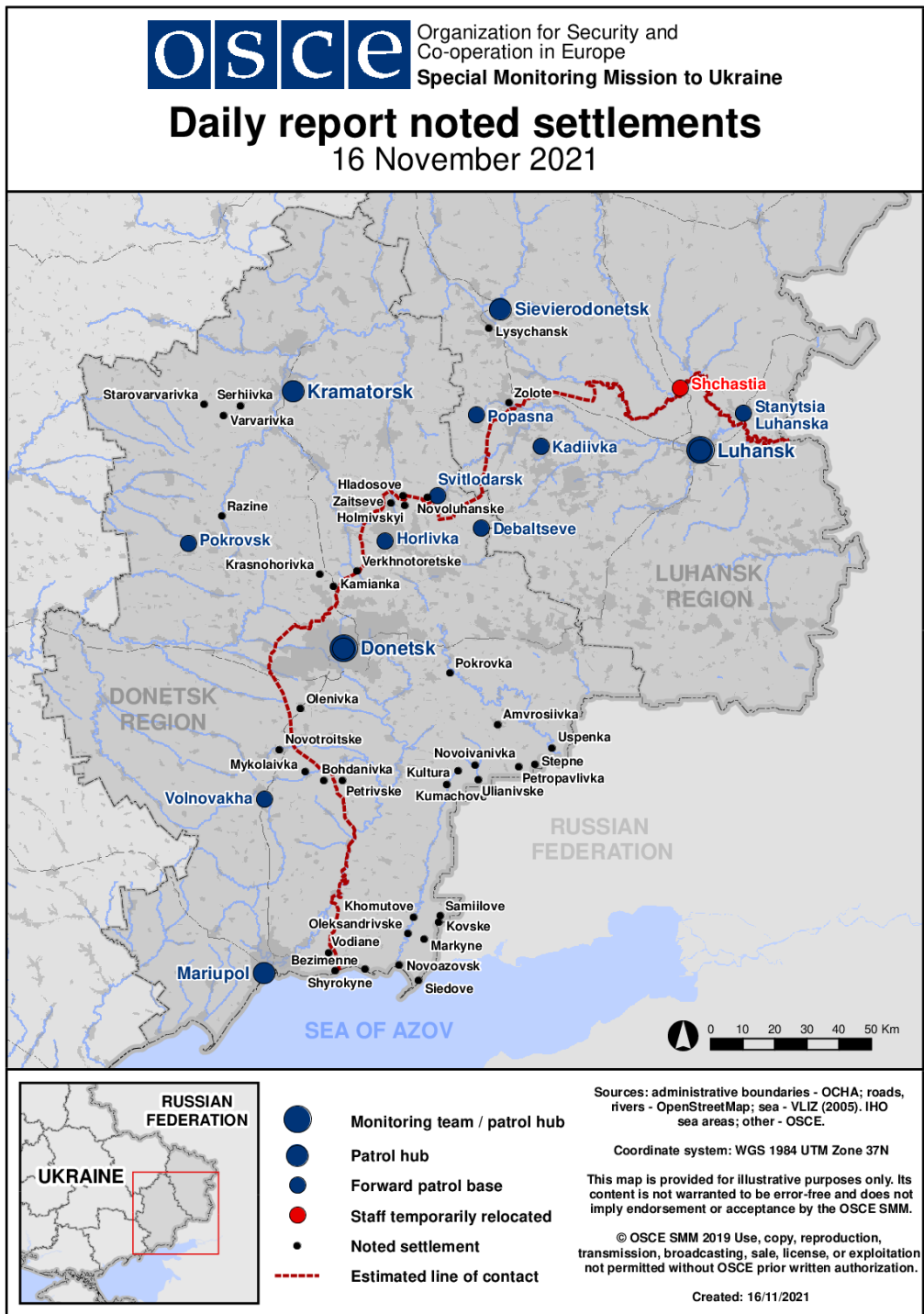
SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	2-4km SE	Recorded	1	Illumination flare	In vertical flight (unable to assess if inside or outside the disengagement area near Petrivske)	N/K	14-Nov, 20:57
	3-5km ESE	Recorded	3	Projectile	NNE to SSW (unable to assess if inside or outside the disengagement area near Petrivske)	N/K	14-Nov, 21:33
	3-5km ESE	Recorded	8	Projectile	NNE to SSW (unable to assess if inside or outside the disengagement area near Petrivske)	N/K	14-Nov, 21:34
	1-3km ESE	Recorded	1	Projectile	SSW to NNE (assessed as inside the disengagement area near Petrivske)	N/K	14-Nov, 22:06
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	1-3km E	Recorded	7	Projectile	NNW to SSE	N/K	15-Nov, 16:50
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	3-5km WSW	Recorded	1	Illumination flare	In vertical flight	N/K	15-Nov, 18:10
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	4-6km N	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 19:01
	4-6km N	Recorded	11	Projectile	W to E	N/K	14-Nov, 21:05
	4-6km N	Recorded	16	Projectile	W to E	N/K	14-Nov, 21:06
	4-6km N	Recorded	4	Projectile	W to E	N/K	14-Nov, 21:07
	4-6km N	Recorded	2	Projectile	W to E	N/K	14-Nov, 21:10
	5-7km N	Recorded	4	Projectile	W to E	N/K	14-Nov, 22:02
	5-7km N	Recorded	13	Projectile	E to W	N/K	14-Nov, 22:03
	3-5km N	Recorded	6	Projectile	W to E	N/K	14-Nov, 22:06
	4-6km N	Recorded	1	Projectile	W to E	N/K	14-Nov, 22:17
	3-5km N	Recorded	1	Illumination flare	In vertical flight	N/K	14-Nov, 22:46
	4-6km N	Recorded	15	Projectile	E to W	N/K	14-Nov, 23:50
	4-6km N	Recorded	2	Projectile	W to E	N/K	14-Nov, 23:51
	4-6km N	Recorded	1	Projectile	SE to NW	N/K	14-Nov, 23:51
	4-6km N	Recorded	8	Projectile	W to E	N/K	15-Nov, 02:09
	4-6km N	Recorded	1	Projectile	W to E	N/K	15-Nov, 02:10
	4-6km N	Recorded	2	Projectile	E to W	N/K	15-Nov, 02:10
	5-7km N	Recorded	2	Projectile	W to E	N/K	15-Nov, 02:13
	4-6km N	Recorded	3	Projectile	W to E	N/K	15-Nov, 02:38
	4-6km N	Recorded	4	Projectile	W to E	N/K	15-Nov, 02:39
	4-6km N	Recorded	4	Projectile	ESE to WNW	N/K	15-Nov, 03:23
	4-6km N	Recorded	1	Projectile	W to E	N/K	15-Nov, 03:27
	4-6km N	Recorded	1	Projectile	W to E	N/K	15-Nov, 03:59
	4-6km N	Recorded	1	Projectile	E to W	N/K	15-Nov, 04:15
	4-6km N	Recorded	2	Projectile	E to W	N/K	15-Nov, 04:16
	4-6km N	Recorded	1	Projectile	W to E	N/K	15-Nov, 04:20
	4-6km N	Recorded	1	Muzzle flash		N/K	15-Nov, 04:20
4-6km N	Recorded	2	Projectile	W to E	N/K	15-Nov, 04:21	
4-6km N	Recorded	4	Projectile	W to E	N/K	15-Nov, 18:38	
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-7km WSW	Recorded	1	Illumination flare	In vertical flight	N/K	15-Nov, 18:10
	3-5km SSE	Recorded	6	Projectile	NNE to SSW	N/K	15-Nov, 17:30
Horlivka (non-government-controlled, 39km NE of Donetsk)	3-5km W	Heard	9	Explosion	Undetermined	N/K	14-Nov, 22:00-22:30
	3-5km W	Heard	7	Burst	Undetermined	N/K	14-Nov, 22:37-22:38
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	2-3km NNE	Heard	50	Shot		Small arms	15-Nov, 09:50-09:55

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
	3-4km E	Heard	3	Explosion	Undetermined	N/K	15-Nov, 13:29
E edge of Avdiivka (government-controlled, 17km N of Donetsk)	5km SSE	Heard	4	Explosion	Undetermined	N/K	15-Nov, 10:36-10:44
	2-3km NNE	Heard	4	Explosion	Outgoing	N/K	15-Nov, 10:38
About 700m WSW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	5-7km NNW	Heard	2	Explosion	Undetermined	N/K	15-Nov, 11:25
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	5-7km NNW	Heard	3	Explosion	Undetermined	N/K	15-Nov, 13:00
	5-7km NNW	Heard	1	Burst		HMG	15-Nov, 13:00
	5-7km NNW	Heard	4	Explosion	Undetermined	N/K	15-Nov, 13:22
	5-7km NNW	Heard	3	Burst		HMG	15-Nov, 13:28
Holmivskyi (non-government-controlled, 49km NE of Donetsk)	4-6km NW	Heard	1	Explosion	Undetermined	N/K	15-Nov, 10:39
	4-6km NW	Heard	1	Explosion	Undetermined	N/K	15-Nov, 10:55
	4-6km NW	Heard	1	Explosion	Undetermined	N/K	15-Nov, 11:17
About 2km NNE of entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	8-10km NE	Heard	2	Explosion	Undetermined	N/K	15-Nov, 12:13-12:16
	1-2km NW	Heard	4	Burst		Small arms	15-Nov, 12:39
	1-2km NW	Heard	1	Shot		Small arms	15-Nov, 12:55
About 2.5km NNE of Novotroitske (government-controlled, 36km SW of Donetsk)	3-4km W	Heard	6	Explosion	Undetermined	N/K	15-Nov, 12:25-12:27
	3-4km W	Heard	6	Burst		HMG	15-Nov, 12:25-12:27
About 1 km SSW of Lebedynske (government-controlled, 99km S of Donetsk)	2-3km NE	Heard and saw	1	Explosion	Impact	Mortar (type N/K)	15-Nov, 12:45
About 600m N of Chernenko (government-controlled, 86km S of Donetsk)	2-3km N	Heard	12	Shot		Small arms	15-Nov, 12:45-13:09
	6-8km SW	Heard	1	Explosion	Undetermined	N/K	15-Nov, 12:45-13:09
SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk)	4-6km ESE	Recorded	3	Projectile	SW to NE (assessed as outside the disengagement area near Zolote)	N/K	14-Nov, 21:00
	4-6km ESE	Recorded	4	Projectile	W to E (assessed as outside the disengagement area near Zolote)	N/K	14-Nov, 21:00
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-4km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	14-Nov, 20:06
	2-4km E	Recorded	1	Illumination flare	In vertical flight (assessed as outside the disengagement area near Zolote)	N/K	14-Nov, 20:57
Kadiivka (formerly Stakhanov, non-government-controlled, 50 km W of Luhansk)	10-12km NNW	Heard	5	Burst	Undetermined (assessed as outside the disengagement area near Zolote)	HMG	14-Nov, 18:30-18:31
	10-12km NW	Heard	3	Explosion	Outgoing (assessed as outside the disengagement area near Zolote)	N/K	14-Nov, 18:30-18:37
	6-8km SW	Heard	3	Explosion	Impact	N/K	14-Nov, 18:30-18:37
	12-15km NW	Heard	6	Explosion	Undetermined (unable to assess if inside or outside the disengagement area near Zolote)	N/K	14-Nov, 18:37-19:02
	8-10km N	Heard	5	Burst	Undetermined	HMG	14-Nov, 18:37-19:02
	14-16km N	Heard	3	Explosion	Undetermined	N/K	14-Nov, 18:37-19:37
	12-14km SW	Heard	5	Explosion	Undetermined	N/K	14-Nov, 19:56-20:21
	14-16km NNW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	14-Nov, 19:56-20:21
	12-14km NW	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	14-Nov, 19:56-20:21
	14-16km N	Heard	2	Explosion	Undetermined	N/K	14-Nov, 19:56-20:21
	12-14km W	Heard	14	Explosion	Undetermined	N/K	14-Nov, 19:56-20:21
	12-15km WSW	Heard	9	Explosion	Undetermined	N/K	14-Nov, 19:56-20:21
	12-14km W	Heard	16	Explosion	Undetermined	N/K	14-Nov, 20:21-20:53
	12-15km WSW	Heard	39	Explosion	Undetermined	N/K	14-Nov, 20:21-20:53
	12-14km NW	Heard	6	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	14-Nov, 20:21-20:53
	8-10km WSW	Heard	10	Burst	Undetermined	HMG	14-Nov, 20:21-20:53
12-15km WSW	Heard	6	Explosion	Undetermined	N/K	14-Nov, 20:55-21:25	
8-10km WSW	Heard	103	Burst	Undetermined	N/K	14-Nov, 20:55-21:25	
14-16km N	Heard	6	Explosion	Undetermined	N/K	14-Nov, 20:55-21:25	
12-14km NW	Heard	3	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	14-Nov, 20:55-21:25	

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	8-10km NW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	14-Nov, 21:26-21:42
	8-10km WSW	Heard	75	Burst	Undetermined	HMG	14-Nov, 21:26-21:42
N edge of Popasna (government-controlled, 69km W of Luhansk)	5-7km SE	Heard	19	Explosion	Undetermined	N/K	14-Nov, 20:16-21:10
	5-7km SE	Heard	6	Burst		HMG	14-Nov, 20:16-21:10
	5-7km SE	Heard	4	Burst		Small arms	14-Nov, 20:16-21:10
	4-7km E	Heard	55	Burst	Undetermined (assessed as outside the disengagement area near Zolote)	HMG	15-Nov, 11:30-11:50
N edge of Hannivka (non-government-controlled, 58km west of Luhansk)	2-4km WNW	Heard	1	Explosion	Undetermined	N/K	15-Nov, 10:54
Pervomaisk (non-government-controlled, 58km W of Luhansk)	6-8km NE	Heard	216	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	15-Nov, 11:31-11:45
Zolote-3/Stakhanovets (government-controlled, 61km W of Luhansk)	3-6km E	Heard	7	Burst	Undetermined (assessed as outside the disengagement area near Zolote)	HMG	15-Nov, 11:33-11:48
	3-6km E	Heard	8	Shot	Undetermined (assessed as outside the disengagement area near Zolote)	HMG	15-Nov, 11:33-11:48
	3-6km E	Heard	2	Burst	Undetermined (assessed as outside the disengagement area near Zolote)	Small arms	15-Nov, 11:33-11:48
NE edge of Lomuvatka (non-government-controlled, 57km west of Luhansk)	10-12km N	Heard	16	Explosion	Undetermined	N/K	15-Nov, 11:40-11:57
	3-5km NW	Heard	2	Burst	Undetermined	Small arms	15-Nov, 11:40-11:57
	10-12km N	Heard	1	Explosion	Undetermined	N/K	15-Nov, 12:02
N edge of Stare (formerly Chervonyi Prapor, non-government-controlled, 58km west of Luhansk)	10-12km WSW	Heard	2	Explosion	Undetermined	N/K	15-Nov, 12:44-12:53
	4-6km N	Heard	7	Shot	Undetermined	Small arms	15-Nov, 12:44-12:53

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).