

Daily Report 270/2021

17 November 2021¹

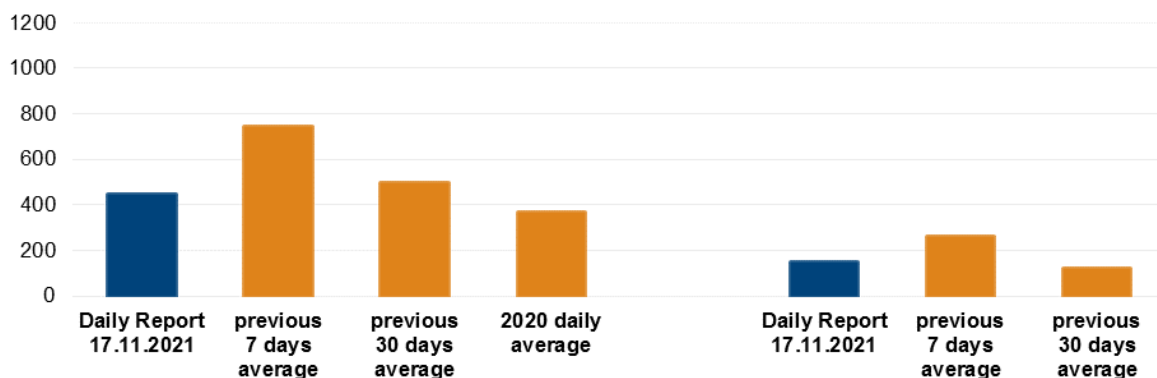
Summary

- In Donetsk region, the SMM recorded 299 ceasefire violations, including 57 explosions. In the previous reporting period, it recorded 268 ceasefire violations in the region.
- In Luhansk region, the Mission recorded 145 ceasefire violations, including 91 explosions. In the previous reporting period, it recorded 678 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 areas near Zolote and Petrivske.
- The Mission facilitated and monitored adherence to localized ceasefires to enable the operation and repair of critical civilian infrastructure.
- The SMM continued following up on the situation of civilians, including at four entry-exit checkpoints and three corresponding checkpoints of the armed formations in Donetsk and Luhansk regions.
- The Mission's freedom of movement continued to be restricted, including at two 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, 16 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.

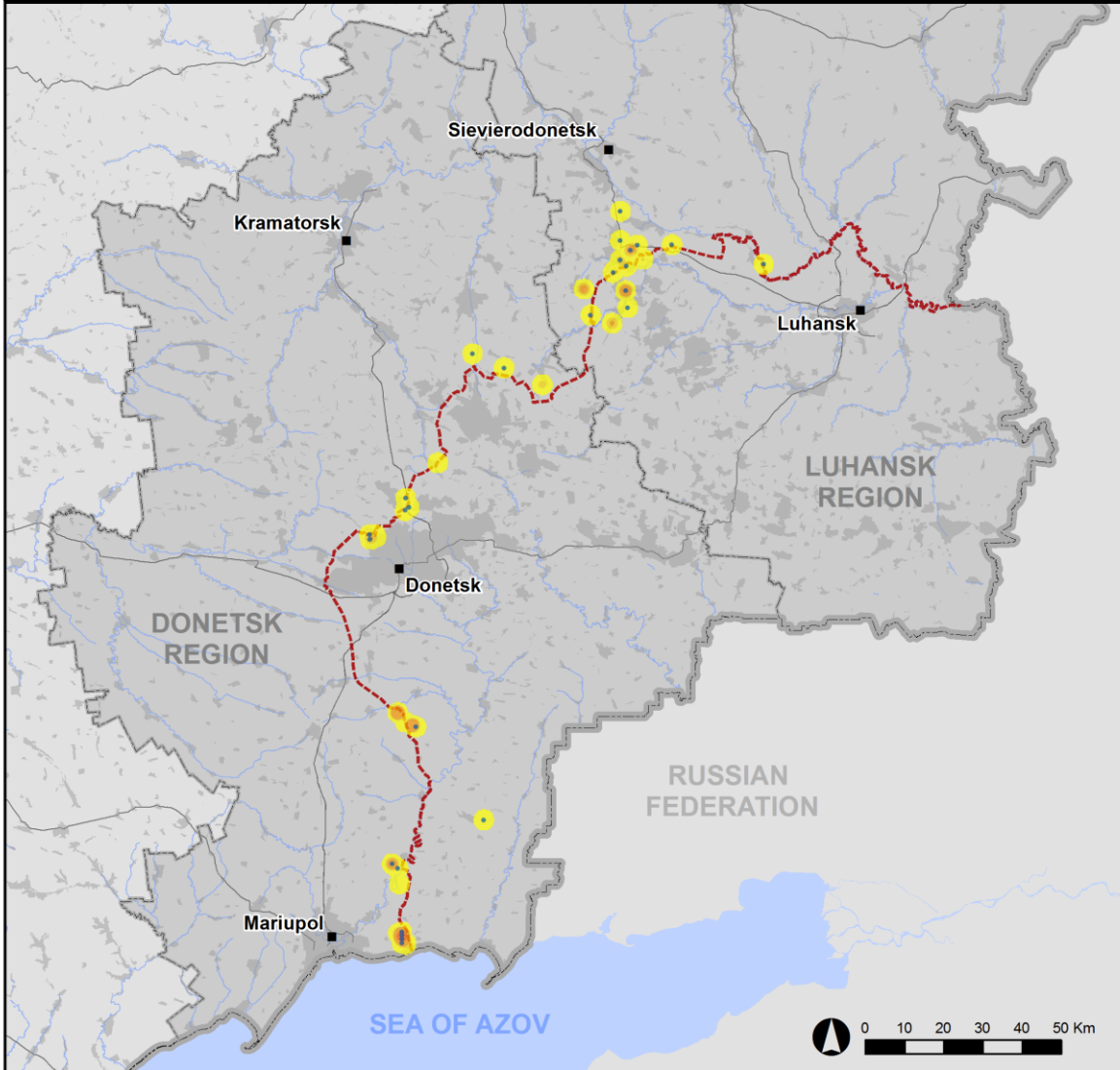
⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

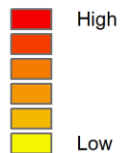


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 16 November 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: 17/11/2021

In Donetsk region, the SMM recorded 299 ceasefire violations, including 57 explosions (two airbursts and 55 undetermined). The majority of ceasefire violations occurred in areas north of Shyrokyne (government-controlled, 100km south of Donetsk) and inside and close to the disengagement area near Petrivske (non-government-controlled, 41km south of Donetsk) (see below). In the [previous reporting period](#), the Mission recorded 268 ceasefire violations in the region, some of which also occurred in areas north of Shyrokyne.

In Luhansk region, the SMM recorded 145 ceasefire violations, including 91 explosions (six impacts and 85 undetermined). The majority of ceasefire violations occurred inside and close to the disengagement area near Zolote (government-controlled, 60km west of Luhansk) (see below). In the [previous reporting period](#), the Mission recorded 678 ceasefire violations in the region, some of which also occurred in areas 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 80,420 ceasefire violations in both Donetsk and Luhansk regions (including 22,001 explosions, 18,583 projectiles in flight, 383 muzzle flashes, 344 illumination flares and at least 39,109 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).

While positioned at five locations near the **disengagement area near Zolote**, the SMM heard seven undetermined explosions at an assessed range of 3-4km south-south-west, assessed as inside the area and 56 explosions and 14 bursts and shots of small-arms and heavy-machine-gun fire, assessed as outside the area but within 5km of its periphery.

Also, near the checkpoint of the armed formations south of the disengagement area, the Mission saw three members of the armed formations (wearing 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.

An SMM mini-unmanned aerial vehicle (UAV) experienced GPS signal interference, assessed as caused by probable jamming, while flying over the disengagement area.*

On the night of 15-16 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 near Petrivske**. It also recorded 40 projectiles in flight at an assessed range of 3-5km east-south-east, unable to be assessed as either inside or outside the area as well as one explosion at an assessed range of 4-6km east-south-east, assessed as outside the area but within 5km of its periphery.

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

On the same night, the SMM camera in Petrivske recorded 46 projectiles in flight at an assessed range of 3-5km west-north-west, assessed as outside the disengagement area but within 5km of its periphery.

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 one surface-to-air missile system near a residential area 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 Mission observed one armoured combat vehicle in a government-controlled area of Luhansk region and one armoured combat vehicle near a training area in a non-government-controlled area of Donetsk region. (For further information, see the table below.)

Presence of anti-tank mines near government-controlled Vodiane and non-government-controlled Holmivskiyi, Donetsk region

On 15 November, in a field about 2.5km south-east of Vodiane (government-controlled, 94km south of Donetsk), an SMM mid-range UAV again spotted 20 anti-tank mines, part of a larger minefield, assessed as belonging to the Ukrainian Armed Forces. (For previous observations in the area, see [SMM Daily Report of 1 December 2020](#).)

On the same day, about 800m north of Holmivskiyi (non-government-controlled, 49km north-east of Donetsk), an SMM mini-UAV spotted four anti-tank mines for the first time, laid across a local road between concrete blocks; about 250m further north-north-east, the same UAV spotted 12 anti-tank mines (previously reported) on the edge of the same road. All these mines were assessed as belonging to the armed formations. (For previous observations in the area, see [SMM Daily Report of 10 September 2021](#)).

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 four undetermined explosions, assessed as within a 5km radius of the DFS.

The SMM also monitored the security situation around the pumping station near Vasylivka (non-government-controlled, 20km north of Donetsk).

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 Mission observed that the entry-exit checkpoint (EECP) near Maiorsk (government-controlled, 45km north-east of Donetsk) was open.

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 eight workers conducting ground works, and some operating machinery. (For previous observations in this area, [SMM Daily Report of 16 November 2021](#).)

The Mission continued monitoring in Odessa, Lviv, Ivano-Frankivsk, Kharkiv, Kherson, 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 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.

Denials:

- At a checkpoint near Staromykhailivka (non-government-controlled, 15km west of Donetsk), three armed members of the armed formations denied the Mission passage west into the settlement citing “the SMM's safety”. While at the checkpoint, the SMM observed civilian traffic passing through the checkpoint.
- At a checkpoint near Zaichenko (non-government-controlled, 93km south of Donetsk), an armed member of the armed formations [again](#) denied the Mission passage west towards Pikuzy (formerly Kominternove, non-government-controlled, 92km south of Donetsk) citing “the SMM's safety”.
- At a checkpoint near Khreshchatytske (formerly Krasnoarmiiske, non-government-controlled, 86km south of Donetsk), two armed members of the armed formations [again](#) denied the Mission passage west towards Verkhnohyrokivske (formerly Oktiabr, non-government-controlled, 85km south of Donetsk), citing “ongoing engineering activities in the area”. While at the checkpoint, the SMM observed civilian traffic passing through the checkpoint.

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

- On 16 November, 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 Rohanske (government-controlled, 79km north-west of Donetsk) and Novoandriivka (government-controlled, 75km north-west of Donetsk), between Zernove (non-government-controlled, 70km south of Donetsk) and Oleksandrivske (formerly Rozy Liuksemburh, non-government-controlled, 90km south-east of Donetsk) and between Mykolaipillia (government-controlled, 61km north of Donetsk) and Novomykolaivka (government-controlled, 71km north-west of Donetsk). The same UAV experienced GPS signal interference, assessed as caused by jamming, while flying over areas between Novoandriivka and Zernove, between Bohdanivka and Petrivske and between Petrivske and Mykolaipillia.
- An SMM mid-range UAV experienced GPS signal interference, assessed as caused by probable jamming, during two flights over areas near government-controlled Volnovakha (53km south of Donetsk).
- SMM mini-UAVs experienced GPS signal interference, assessed as caused by probable jamming, during 13 flights: on three occasions while flying over areas near government-controlled Dmytrivka (43km north of Luhansk), on two occasions while flying over areas near government-controlled Popasna (69km west of Luhansk) and once each while flying over areas near government-controlled Peredilske (24km north-west of Luhansk), Luhanske (59km north-east of Donetsk) and Aslanove (85km south of Donetsk) and over the disengagement area near Zolote (60km west of Luhansk), and near non-government-controlled Lobacheve (13km east of Luhansk), Pionerske (19km east of Luhansk) and Luhansk city, as well as while flying over areas near Pervomaiske (government-controlled, 17km north-west of Donetsk) in order to conduct impact site assessments in and near Nevelske (government-controlled, 18km north-west of Donetsk).

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
Government-controlled areas				
15/11/2021	1	Surface-to-air missile system (9K33 <i>Osa</i>)	Near a residential area of Vyskryva (76km west of Luhansk)	Long-range UAV

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

Date	No.	Type	Location	Source of observation
Government-controlled areas				
16/11/2021	1	Armoured personnel carrier (type undetermined)	Near Popasna (69km west of Luhansk)	Patrol
Non-government-controlled areas				
15/11/2021	1	Armoured combat vehicle (type undetermined)	Near a training area near Sofiivka (formerly Karlo-Marksove, 40km north-east of Donetsk)	Long-range UAV

⁷ The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

Table of ceasefire violations as of 16 November 2021⁸

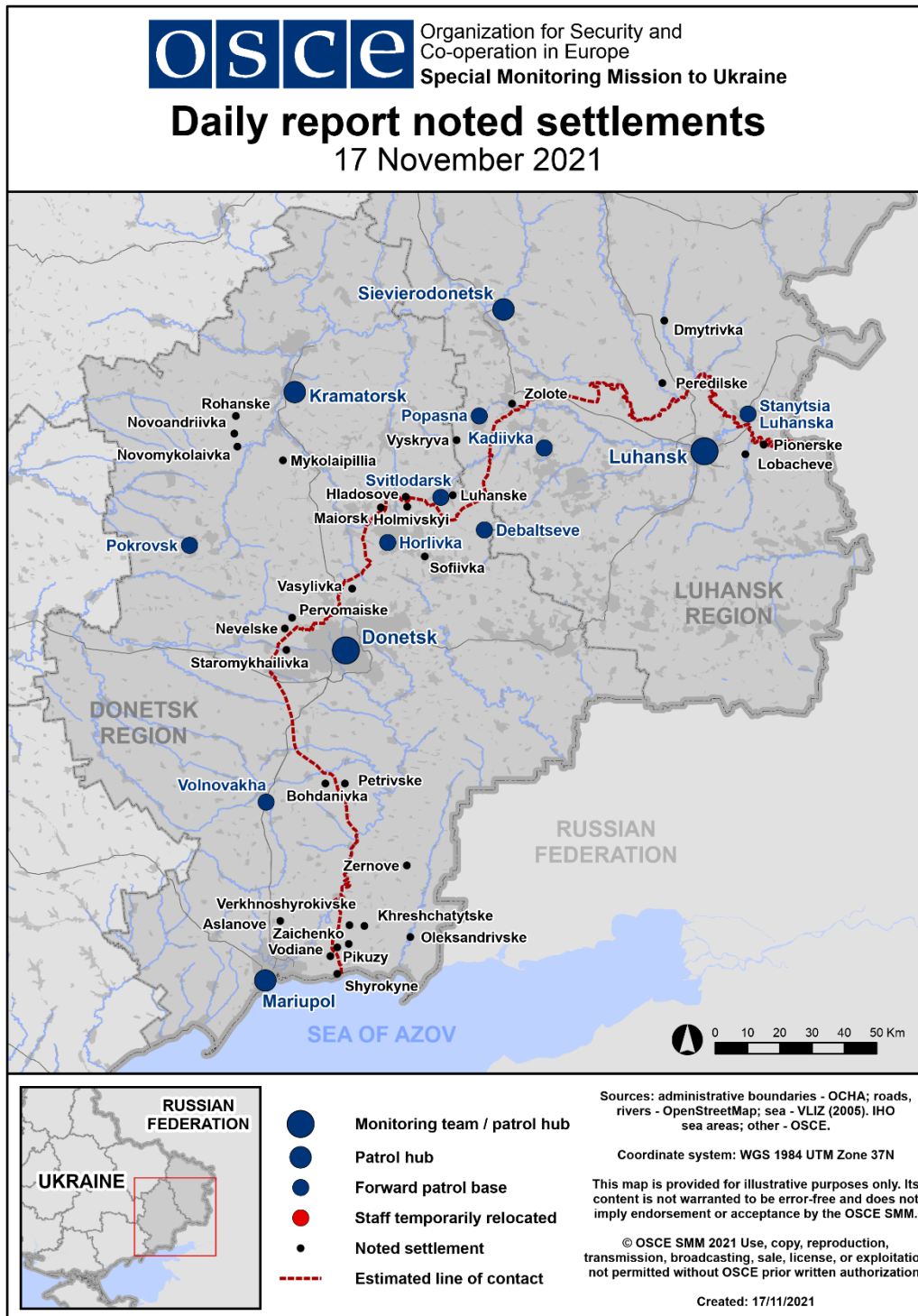
SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera 2km E of Bohdaniivka (government-controlled, 41km SW of Donetsk)	4-6km ESE	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	15-Nov, 20:39
	1-3km ESE	Recorded	1	Projectile	SW to NE (assessed as inside the disengagement area near Petrivske)	N/K	16-Nov, 01:43
	3-5km ESE	Recorded	4	Projectile	In vertical flight (unable to assess if inside or outside the disengagement area near Petrivske)	N/K	16-Nov, 02:06
	3-5km ESE	Recorded	29	Projectile	SW to NE (unable to assess if inside or outside the disengagement area near Petrivske)	N/K	16-Nov, 02:06
	3-5km ESE	Recorded	7	Projectile	N to S (unable to assess if inside or outside the disengagement area near Petrivske)	N/K	16-Nov, 02:06
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	2-4km WSW	Recorded	1	Explosion	Airburst	N/K	15-Nov, 19:19
	2-4km WSW	Recorded	1	Explosion	Undetermined	N/K	15-Nov, 19:19
	2-4km WSW	Recorded	1	Explosion	Undetermined	N/K	15-Nov, 19:21
	2-4km WSW	Recorded	1	Explosion	Airburst	N/K	15-Nov, 19:21
	1-2km WSW	Recorded	1	Projectile	NNE to SSW	N/K	15-Nov, 19:36
	1-2km WSW	Recorded	2	Projectile	NE to SW	N/K	15-Nov, 20:52
	1-2km W	Recorded	1	Projectile	NE to SW	N/K	15-Nov, 22:37
	2-4km W	Recorded	1	Explosion	Undetermined	N/K	16-Nov, 18:39
	2-4km W	Recorded	2	Muzzle flash		N/K	16-Nov, 18:45
	2-4km W	Recorded	2	Explosion	Undetermined	N/K	16-Nov, 18:45
SMM camera in Petrivske (non-government-controlled, 41km S of Donetsk)	2-4km WSW	Recorded	5	Muzzle flash		N/K	16-Nov, 18:51
	3-5km WNW	Recorded	46	Projectile	S to N (assessed as outside the disengagement area)	N/K	15-Nov, 23:58
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	4-6km N	Recorded	28	Projectile	E to W	N/K	15-Nov, 19:08
	4-6km N	Recorded	1	Illumination flare	In vertical flight	N/K	15-Nov, 19:21
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	15-Nov, 19:21
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	15-Nov, 19:30
	3-5km N	Recorded	3	Projectile	WSW to ENE	N/K	15-Nov, 20:02
	3-5km N	Recorded	6	Projectile	WSW to ENE	N/K	15-Nov, 20:03
	3-5km N	Recorded	12	Projectile	WSW to ENE	N/K	15-Nov, 20:04
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	15-Nov, 20:05
	3-5km N	Recorded	11	Projectile	WSW to ENE	N/K	15-Nov, 20:06
	3-5km N	Recorded	8	Projectile	WSW to ENE	N/K	15-Nov, 20:18
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	15-Nov, 20:31
	4-6km N	Recorded	1	Illumination flare	In vertical flight	N/K	15-Nov, 22:00
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	15-Nov, 22:03
	2-4km NNE	Recorded	10	Projectile	SW to NE	N/K	15-Nov, 22:07
	4-6km N	Recorded	15	Projectile	SE to NW	N/K	16-Nov, 17:28
	4-6km N	Recorded	1	Projectile	WSW to ENE	N/K	16-Nov, 17:29
	4-6km N	Recorded	3	Projectile	WSW to ENE	N/K	16-Nov, 17:30
	4-6km N	Recorded	3	Projectile	SE to NW	N/K	16-Nov, 17:45
	4-6km N	Recorded	1	Projectile	SW to NE	N/K	16-Nov, 17:45
	4-6km N	Recorded	2	Projectile	WSW to ENE	N/K	16-Nov, 17:46
	4-6km N	Recorded	2	Projectile	WSW to ENE	N/K	16-Nov, 18:18
	4-6km N	Recorded	1	Projectile	WSW to ENE	N/K	16-Nov, 18:19
	4-6km N	Recorded	2	Projectile	WSW to ENE	N/K	16-Nov, 18:20
	4-6km N	Recorded	1	Projectile	WSW to ENE	N/K	16-Nov, 18:23
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	16-Nov, 18:23

⁸ 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 Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-6km N	Recorded	1	Projectile	WSW to ENE	N/K	16-Nov, 18:35
	4-6km N	Recorded	4	Projectile	ESE to WNW	N/K	16-Nov, 18:47
	3-5km SE	Recorded	1	Projectile	NNW to SSE	N/K	16-Nov, 18:12
	3-5km SE	Recorded	5	Projectile	SSW to NNE	N/K	16-Nov, 18:13
	3-5km SE	Recorded	1	Projectile	NNW to SSE	N/K	16-Nov, 18:13
3-5km SE	Recorded	2	Projectile	NNW to SSE	N/K	16-Nov, 18:14	
About 2km SSE of Kamianka (government-controlled, 20km N of Donetsk)	2km S	Heard	1	Explosion	Undetermined	N/K	16-Nov, 08:55
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km SE	Heard	1	Explosion	Undetermined	N/K	16-Nov, 08:54
E part of Avdiivka (government-controlled, 17km N of Donetsk)	3-5km SE	Heard	1	Explosion	Undetermined	N/K	16-Nov, 10:35
	3-5km SE	Heard	1	Explosion	Undetermined	N/K	16-Nov, 10:45
About 1km NW of Verkhnotoretske (government-controlled, 23km NE of Donetsk)	2-3km E	Heard	5	Shot		Small arms	16-Nov, 11:45-11:55
About 1km W of Kodema (government-controlled, 57km NE of Donetsk)	4-5km W	Heard	4	Explosion	Undetermined	N/K	16-Nov, 12:56-12:57
	4-6km SE	Heard	1	Explosion	Undetermined	N/K	16-Nov, 13:21
Boikivske (formerly Telmanove, non-government-controlled, 67km SE of Donetsk).	2-3km E	Heard	6	Explosion	Undetermined	N/K	16-Nov, 10:10
About 500m NE of Lebedynske (government-controlled, 99km S of Donetsk)	2-3km ENE	Heard	6	Burst		HMG	16-Nov, 11:54
	3-4km ENE	Heard	2	Explosion	Undetermined	N/K	16-Nov, 11:59
	2-3km ENE	Heard	5	Burst		Small arms	16-Nov, 12:06-12:10
Orlivske (government-controlled, 82km S of Donetsk)	3-5km E	Heard	3	Burst		Small arms	16-Nov, 12:12
	5-6km NNE	Heard	25	Explosion	Undetermined	N/K	16-Nov, 12:30-12:36
Pavlopil (government-controlled, 84km S of Donetsk)	2-3km N	Heard and saw	1	Explosion	Undetermined	N/K	16-Nov, 13:30
N edge of Popasna (government-controlled, 69km W of Luhansk)	3-5km SSE	Heard	9	Burst	Outgoing	HMG	15-Nov, 23:05
	3-5km SSE	Heard	3	Burst	Outgoing	HMG	15-Nov, 23:12
	3-5km SSE	Heard	8	Burst	Outgoing	HMG	16-Nov, 02:19
About 700m NE of the eastern edge of Katerynivka (government-controlled 64km west of Luhansk)	2-3km E	Heard	3	Explosion	Undetermined (Assessed as outside the disengagement near Zolote)	N/K	16-Nov, 11:19
	2-3km E	Heard	1	Burst	Undetermined (Assessed as outside the disengagement near Zolote)	HMG	16-Nov, 11:19
Zolote (government-controlled, 60km west of Luhansk)	3-4km SSW	Heard	7	Explosion	Undetermined (Assessed as inside the disengagement area)	N/K	16-Nov, 12:45-12:56
N edge of Orikhove (government-controlled, 57km north-west of Luhansk)	1.5-2km E	Heard	5	Burst	Undetermined	Small arms	16-Nov, 10:48
	1.5-2km E	Heard	1	Explosion	Undetermined	N/K	16-Nov, 10:48
About 300m N of the western edge of Staryi Aidar (government-controlled, 20km north-west of Luhansk)	10-15km WSW	Heard	3	Explosion	Undetermined	N/K	16-Nov, 12:52-12:53
About 700m N of Pervomaisk (non-government-controlled, 58 km W of Luhansk)	8-10km N	Heard	4	Explosion	Undetermined	N/K	16-Nov, 10:43-11:01
	3-5km N	Heard	3	Explosion	Undetermined (Assessed as outside the disengagement near Zolote)	N/K	16-Nov, 10:43-11:01
	3-5km N	Heard	6	Explosion	Impact (Assessed as outside the disengagement near Zolote)	AGL	16-Nov, 11:18
	15-18km N	Heard	7	Explosion	Undetermined	N/K	16-Nov, 12:05
E part of Pervomaisk (non-government-controlled, 58 km W of Luhansk)	8-10km S	Heard	15	Burst	Undetermined	HMG	16-Nov, 13:17
Pervomaisk (non-government-controlled, 58 km W of Luhansk)	8-12km SW	Heard	8	Explosion	Undetermined	N/K	16-Nov, 12:40-12:54
Zolote-5/Mykhailivika (non-government-controlled, 61km north-west of Luhansk)	5-6km N	Heard	13	Explosion	Undetermined (Assessed as outside the disengagement near Zolote)	N/K	16-Nov, 09:52-10:05
	5-6km N	Heard	6	Burst	Undetermined (Assessed as outside the disengagement near Zolote)	HMG	16-Nov, 09:52-10:05
	4-5km NE	Heard	3	Shot	Undetermined (Assessed as outside the disengagement near Zolote)	Small arms	16-Nov, 09:52-10:05
	4-5km NE	Heard	4	Shot	Undetermined (Assessed as outside the disengagement near Zolote)	Small arms	16-Nov, 10:15
NW edge of Holubivka (non-government-controlled, 51 km West of Luhansk)	8-10km NNE	Heard	3	Explosion	Undetermined	N/K	16-Nov, 12:30-12:32

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	8-10km WSW	Heard	13	Explosion	Undetermined (Assessed as outside the disengagement near Zolote)	N/K	16-Nov, 12:34-12:43
	8-10km WSW	Heard	18	Explosion	Undetermined (Assessed as outside the disengagement near Zolote)	N/K	16-Nov, 12:44-12:57
	10-12km SW	Heard	2	Explosion	Undetermined	N/K	16-Nov, 13:00-13:05

Map of Donetsk and Luhansk regions⁹



⁹ The SMM is deployed to ten locations throughout Ukraine – Kherson, Odessa, Lviv, Ivano-Frankivsk, Kharkiv, Donetsk, Dnipro, Chernivtsi, Luhansk and Kyiv – as per Permanent Council Decision 1117 of 21 March 2014. This map of eastern Ukraine is meant for illustrative purposes and indicates locations mentioned in the report, as well as those where the SMM has offices (monitoring teams, patrol hubs and forward patrol bases) in Donetsk and Luhansk regions. (In red: a forward patrol base from which SMM staff 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).