

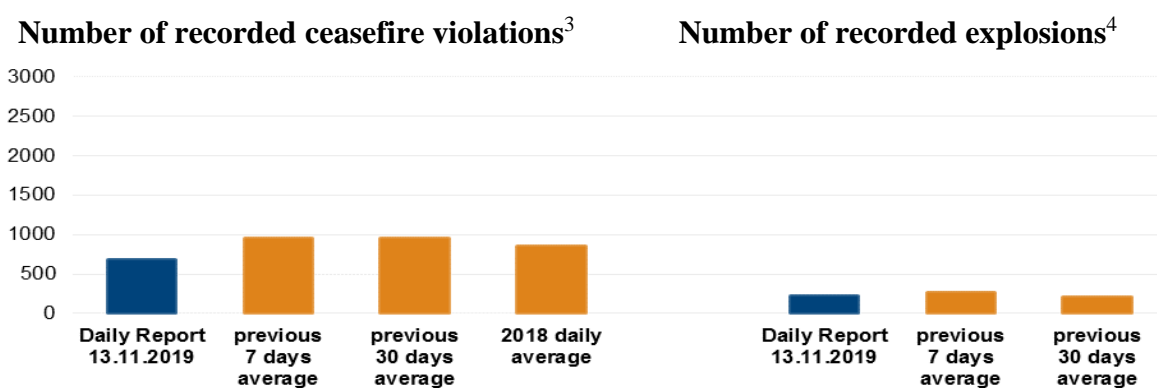
Daily Report 269/2019

13 November 2019¹

Summary

- Compared with the previous reporting period, the SMM recorded fewer ceasefire violations in Donetsk region and more in Luhansk region.
- The SMM continued to observe the disengagement process at the Petrivske disengagement area.
- The SMM continued to observe demining activities inside the Zolote disengagement area.
- Inside the Stanytsia Luhanska disengagement area, the Mission continued to observe construction works at the broken section of the bridge.
- The SMM observed weapons in violation of withdrawal lines in non-government-controlled Donetsk city.
- The Mission monitored adherence to the ceasefire to facilitate the removal of unexploded ordnance from a road near non-government-controlled Molodizhne.
- The Mission continued to facilitate the operation of and repairs to critical civilian infrastructure on both sides of the contact line; it heard and saw an explosion 300m away while facilitating repair works at the Phenol Sludge Reservoir near Zalizne.
- Restrictions of the SMM's freedom of movement continued, including at checkpoints near non-government-controlled Zaichenko, Bezimenne and Nova Marivka.*

Ceasefire violations²



Map of recorded ceasefire violations

¹ Based on information from the Monitoring Teams as of 19:30, 12 November 2019. All times are in Eastern European Time.

² For a complete breakdown of ceasefire violations, please see the annexed table. During the reporting period, fog limited the observation capabilities of some of the SMM cameras.

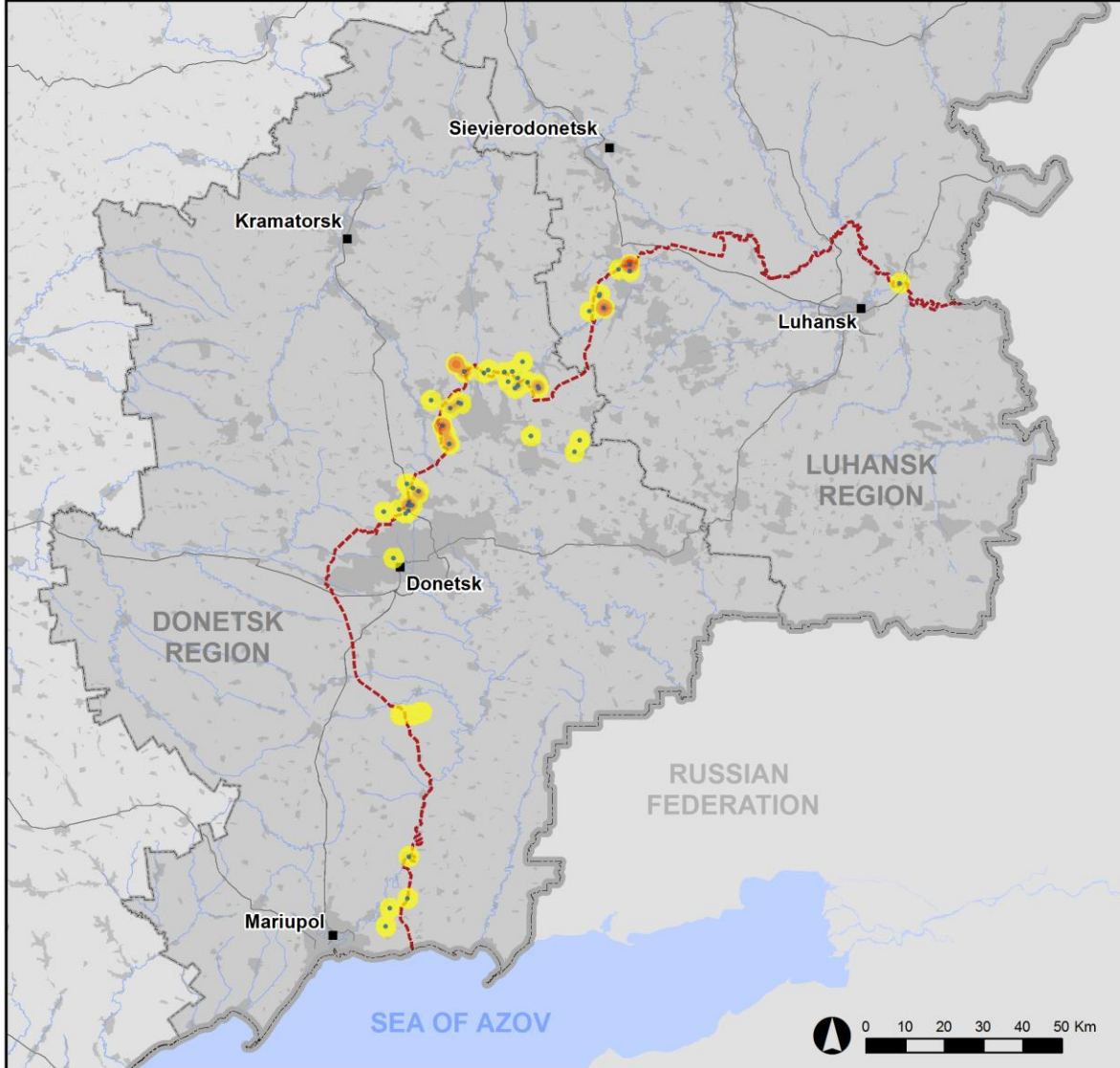
³ Including explosions.

⁴ Including from unidentified weapons.

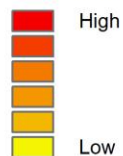


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 12 November 2019



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: 13/11/2019

In Donetsk region, the SMM recorded fewer ceasefire violations, including fewer explosions (about 190), compared with the [previous reporting period](#) (about 210 explosions). The majority of ceasefire violations were recorded at westerly directions of Horlivka (non-government-controlled, 39km north-east of Donetsk) and in areas south and south-west of Kurdiuivka (government-controlled, 54km north of Donetsk).

In Luhansk region, the SMM recorded more ceasefire violations, including more explosions (about 40), compared with the [previous reporting period](#) (two explosions). The majority of ceasefire violations were recorded in areas north and south-west of Pervomaisk (non-government-controlled, 58km west of Luhansk), including about 20 explosions, assessed as outgoing, south-west of Pervomaisk and including ceasefire violations recorded within the 5km periphery of the disengagement area near Zolote (government-controlled, 60km west of Luhansk).

Disengagement process at the Petrivske disengagement area⁵

On 11 November, inside the **disengagement area near Petrivske** (non-government-controlled, 41km south of Donetsk), an SMM mini-unmanned aerial vehicle (UAV) spotted for the first time a 50m-long trench (not seen in imagery from 3 November) with five persons wearing camouflage clothing in it, about 580m south of the northern edge and about 1km east of the western edge of the disengagement area.

On the same day, inside the disengagement area, the SMM mini-UAV also spotted four persons dressed in camouflage clothing, in a [previously reported](#) position of the armed formations, about 180m north-west of the area's south-eastern corner. It also spotted a jeep belonging to the Ukrainian Armed Forces driving north about 1.2km south of the northern edge and about 2km east of the western edge of the disengagement area.

Outside the disengagement area near Petrivske, on 11 November, an SMM mini-UAV [again](#) spotted 38 anti-tank mines (TM-62M) in a cluster across the road between Bohdanivka (government-controlled, 41km south-west of Donetsk) and Viktorivka (non-government-controlled, 42km south-west of Donetsk), about 160m north of the northern edge of the disengagement area, assessed as belonging to the Ukrainian Armed Forces. The UAV also spotted a light utility truck and two Ukrainian Armed Forces personnel at a [previously reported](#) military position about 300m west of the western edge of the disengagement area.

On 12 November, positioned about 2km north of Petrivske, the SMM heard seven shots and bursts of small-arms and heavy-machine-gun fire 1km south-west and 1-2km east. Positioned about 2km east of Bohdanivka, the SMM heard three shots of small-arms fire 0.5-1km north-north-east. All ceasefire violations were assessed as outside the disengagement area, but within its 5km periphery.

Disengagement areas near Zolote and Stanytsia Luhanska

On 11 November, inside the **disengagement area near Zolote** (government-controlled, 60km west of Luhansk), an SMM mini-UAV spotted a truck with a blue and white sign and five persons wearing uniforms, assessed as probable police officers and Ukrainian Armed Forces

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

officers of the JCCC in a residential area on the north-eastern edge of Katerynivka (government-controlled, 64km west of Luhansk), inside the disengagement area.

Outside the disengagement area, on the same day, near a checkpoint of the Ukrainian Armed Forces north of the disengagement area, an SMM mini-UAV spotted two infantry fighting vehicles (BMP variants) and an armoured personnel carrier (MT-LB). The UAV also spotted a military excavator (EEOV-4421) in a treeline 70m from a residence in southern Zolote-4/Rodina (government-controlled, 59km west of Luhansk). On 12 November, the SMM saw two excavators and a truck excavating trenches around 50m south of an asphalt road in the western outskirts of Zolote-4/Rodina.

On 11 November, along road T-1316, an SMM mini-UAV spotted at least two members of the armed formations (wearing armbands with “JCCC” written on them) and two deminers wearing protective equipment, about 800-900m north of the area’s southern edge. It also spotted a jeep with “police” markings, a member of the armed formations (wearing armbands with “JCCC” written on them), a deminer wearing protective equipment, and about 20 workers clearing vegetation and cutting wood on both sides of road T-1316 about 360m north of the area’s southern edge. The UAV also spotted at least 20 [previously reported](#) anti-tank mines in a field about 500m north of the area’s southern edge and east of road T-1316, assessed as belonging to the armed formations.

On 12 November, at the northern edge of the disengagement area, the SMM observed five Ukrainian Armed Forces personnel along with a Ukrainian Armed Forces officer of the JCCC who told the SMM that demining activities and vegetation clearance east and west of road T-1316 had been completed.

On the same day, the SMM saw a truck, four deminers and 17 workers from non-government-controlled areas entering the disengagement area and two deminers as well as five members of the armed formations (wearing armbands with “JCCC” written on them) standing near a blue container south of the checkpoint of the armed formations on the area’s southern edge. Thereafter, the Mission saw the aforementioned workers clearing vegetation east and west of road T-1316 about 500m north of the area’s southern edge and five deminers conducting demining activities west of the road about 500m further north.

Positioned on the southern edge of the Zolote disengagement area, the SMM heard an undetermined explosion about 1-1.5km north-north-west, assessed as inside the disengagement area. Positioned on the north-eastern edge of Pervomaisk, the SMM heard two undetermined explosions about 0.8-1km and 2-3km north and about 150 shots and bursts of small-arms and heavy-machine-gun fire, all assessed as outside the disengagement area but within its 5km periphery.

On 12 November, inside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), the SMM saw 14 workers from government-controlled areas applying basalt coating to the deck and preparing the drainage system to be installed on the southern side of the newly built section of the Stanytsia Luhanska bridge (15km north-east of Luhansk). The SMM saw the new section being connected to the main section of the bridge with special fasteners, as well as five workers from government-controlled areas preparing the driveway to the bridge for asphaltting.

On the same day, the SMM saw 11 workers from non-government-controlled areas cutting wood with a chainsaw and collecting garbage east and west of the road on the western side of the checkpoint of the armed formations south of the bridge. The Mission saw a truck carrying tyres in its cabin entering the disengagement area and heading towards the aforesaid checkpoint. About 90 minutes later, the SMM saw the workers building a fire with tyres and the collected garbage. The Mission also saw six members of the armed formations (wearing armbands with “JCCC” written on them) between the broken section of the Stanytsia Luhanska bridge and the checkpoint of the armed formations south of the bridge.

While on the eastern edge of Stanytsia Luhanska, the SMM heard an undetermined explosion 2-5km south-west, assessed as outside the disengagement area but within its 5km periphery.

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.

The Mission observed ten weapons in violation of withdrawal in Donetsk city (non-government-controlled). It also observed three weapons beyond withdrawal lines but outside of designated storage sites in government-controlled areas (for further details, see the tables below).

Indications of military and military-type presence in the security zone⁶

The SMM observed military and military-type presence inside the security zone on both sides of the contact line in Donetsk region and in government-controlled areas of Luhansk region, including armoured personnel carriers, armoured reconnaissance vehicles, infantry fighting vehicles and an anti-aircraft gun (for further details, see the table below).

Imagery from an SMM mini-UAV which was flying over areas about 3km south-west of Metalist (non-government-controlled, 7km north-west of Luhansk) on 11 November showed a member of the armed formations aiming a rifle at the direction of the UAV (see [SMM Daily Report 12 November 2019](#)).

Removal of unexploded ordnance (UXO) on a road near Molodizhne

The SMM monitored adherence to the ceasefire to facilitate the removal of [previously reported](#) UXO on road T-0504 about 2.5km south-west of Molodizhne (non-government-controlled, 63km west of Luhansk). Positioned at a checkpoint of the armed formations about 2km south-west of Molodizhne, the SMM saw two deminers from non-government-controlled areas and two members of the armed formations (wearing armbands with “JCCC” written on them) heading towards the location of the UXO. The SMM heard an explosion, assessed as controlled detonation.

⁶ The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

Situation at checkpoints along the contact line

Positioned at a checkpoint on highway H-15 east of Kreminets (non-government-controlled, 16km south-west of Donetsk) for about an hour, the SMM saw about 50 cars and three buses in a queue to enter government-controlled areas and about 150 cars, nine buses and about 100 pedestrians in a queue in opposite direction. During its presence, the Mission saw that about six cars (three cars in each direction at a time) had been processed at the checkpoint. A woman (in her fifties) and two men (in their thirties and forties) told the SMM that the queue was extremely slow and only three cars were allowed into the checkpoint every 30 minutes. Another woman (in her twenties) with an infant told the SMM that despite travelling with an infant, she was not allowed to use the priority lane.

SMM facilitation of repairs to and operation of critical civilian infrastructure

The Mission monitored adherence to the ceasefire to facilitate repairs to pipelines near Zolote-5/Mykhailivka (non-government-controlled, 61km west of Luhansk), repairs to the power lines in Spartak (non-government-controlled, 9km north of Donetsk) and to the Bakhmut Agrarian Union's pig farm near Novoluhanske (government-controlled, 53km north-east of Donetsk).

While monitoring adherence to the ceasefire to facilitate repairs to pipes at a Phenol Sludge Reservoir near Zalizne (formerly Artemove, government-controlled, 42km north-east of Donetsk), positioned about 2km west of Zalizne, the SMM heard and saw an explosion, assessed as an impact, about 300m south-east. Shortly thereafter, a Ukrainian Armed Forces officer of the JCCC told the SMM that the repair works were cancelled for the day due to the ceasefire violation.

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

The Mission continued monitoring in Kherson, Odessa, Lviv, Ivano-Frankivsk, Kharkiv, Dnipro, Chernivtsi and Kyiv.⁷

*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 Package of Measures 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 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 26 October 2019](#)). 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.

⁷ In the paragraph on a protest related to developments about religious issues in the [SMM Daily Report 12 November 2019](#), the text should have read “the liquidation of assets of the Ukrainian Orthodox Church of Kyiv Patriarchate”.

Denial of access:

- At a checkpoint north of Zaichenko (non-government-controlled, 93km south of Donetsk), an armed member of the armed formations [again](#) denied the SMM passage south towards Sakhanka (non-government-controlled, 97km south of Donetsk) and west towards Pikuzy (formerly Kominternove, non-government-controlled, 92km south of Donetsk), citing “ongoing demining activities”.
- At a checkpoint west of Bezimenne (non-government-controlled, 100km south of Donetsk), three armed members of the armed formations [again](#) denied the SMM passage west, citing “ongoing demining activities”.
- At a checkpoint south of Nova Marivka (non-government-controlled, 64km south of Donetsk), two armed members of the armed formations, denied the SMM passage west towards Staromarivka (62km south of Donetsk).

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:

- On the evening of 11 November, an SMM long-range UAV experienced signal interference, assessed as due to probable jamming, while flying between Ivanopillia (government-controlled, 51km north of Donetsk) and Krasnohorivka (government-controlled, 21km west of Donetsk), and again between Hirne (non-government-controlled, 30km east of Donetsk) and Ivanopillia.⁸
- On 12 November, an SMM mini-UAV experienced signal interference, assessed as due to probable jamming, while flying over areas near Bohdanivka (government-controlled, 41km south-west of Donetsk).

⁸The interference could have originated from anywhere within the radius of kilometers from the UAVs’ position.

Table of weapons

Weapons in violation of the withdrawal lines

Date	No. of weapons	Type of weapon	Location	Source of observation
Non-government-controlled areas				
12/11/2019	3	Tank (one T-72 and two T-64)	At an exhibition in Donetsk city (non-government-controlled)	Patrol
	1	Multiple launch rocket system (BM-21-1 <i>Grad</i> , 122mm)		
	1	Self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm)		
	2	Towed howitzer (2A65 <i>Msta-B</i> , 152mm and D-30A <i>Lyagushka</i> , 122mm)		
	1	Surface-to-air missile system (9K35 <i>Strela-10</i>)		
	1	Anti-tank gun (MT-12 <i>Rapira</i> , 100mm)		
	1	Towed mortar (PM-38, 120mm)		

Beyond withdrawal lines but outside of designated storage sites

Date	No. of weapons	Type of weapon	Location	Source of observation
Government-controlled areas				
12/11/2019	3	Anti-tank gun (MT-12 <i>Rapira</i> , 100mm)	Near Kulykivske (232km south-east of Dnipro)	Patrol

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

Date	No.	Type	Location	Source of observation
Government-controlled areas				
12/11/2019	6	Armoured personnel carrier (BTR-70)	In a military compound in a residential area of Shchastia (20km north of Luhansk)	Patrol
	1	Armoured personnel carrier (BTR-80)	Near Raihorodka (34km north-west of Luhansk)	
	2	Armoured reconnaissance vehicle (BRDM-2)	Near Vodiane (15km north-west of Donetsk)	
Non-government-controlled areas				
12/11/2019	3	Infantry fighting vehicle (two BMP-2 and one BMP-1)	At an exhibition of military-type hardware in Donetsk city (non-government-controlled)	Patrol
	1	Armoured personnel carrier (BTR-80)		
	1	Armoured reconnaissance vehicle (BRDM-2)		
	1	Anti-aircraft gun (ZU-23, 23mm)		

⁹The 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 12 November 2019¹⁰

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1km SSW	Recorded	1	Projectile	NW to SE	N/K	11-Nov, 18:11
	0.5-1km SSW	Recorded	1	Projectile	NW to SE	N/K	11-Nov, 18:20
	0.5-1km SSW	Recorded	1	Muzzle flash		N/K	11-Nov, 18:46
	0.5-1km SSW	Recorded	1	Explosion	Undetermined	N/K	11-Nov, 19:31
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	11-Nov, 22:33
	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	11-Nov, 23:32
	1-2km SSE	Recorded	2	Explosion	Undetermined	N/K	11-Nov, 23:38
	1-2km S	Recorded	3	Explosion	Undetermined	N/K	11-Nov, 23:38
	1-2km SSW	Recorded	9	Explosion	Undetermined	N/K	11-Nov, 23:49
	1-2km S	Recorded	6	Explosion	Undetermined	N/K	11-Nov, 23:49
	1-2km SSE	Recorded	4	Explosion	Undetermined	N/K	11-Nov, 23:49
	1-2km SSE	Recorded	2	Explosion	Undetermined	N/K	12-Nov, 00:11
	1-2km SSW	Recorded	3	Explosion	Undetermined	N/K	12-Nov, 00:11
	1-2km SSW	Recorded	5	Projectile	W to E	N/K	12-Nov, 01:49
	1-2km SSW	Recorded	2	Projectile	W to E	N/K	12-Nov, 03:52
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	4-6km NNE	Heard	1	Explosion	Undetermined	N/K	12-Nov, 10:07
	4-6km NE	Heard	1	Explosion	Undetermined	N/K	12-Nov, 13:55
	1-3km S	Heard	2	Explosion	Undetermined	N/K	12-Nov, 13:59
Illinka (non-government-controlled, 55km NE of Donetsk)	2-4km W	Heard	2	Explosion	Undetermined	N/K	12-Nov, 09:55-10:10
NE part of Olkhovatka (non-government-controlled, 52km NE of Donetsk)	2-4km W	Heard	3	Explosion	Undetermined	N/K	12-Nov, 08:50-09:35
About 2km S of Donetsk city centre (non-government-controlled)	3-4km W	Heard	1	Explosion	Outgoing	Artillery (type N/K)	12-Nov, 13:12
	3-4km W	Heard	1	Explosion	Outgoing	Artillery (type N/K)	12-Nov, 13:55

¹⁰ The table only includes ceasefire violations directly observed by the SMM 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 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 and/or other considerations. Ceasefire violations recorded by more than one patrol and assessed to be the same are entered only once.

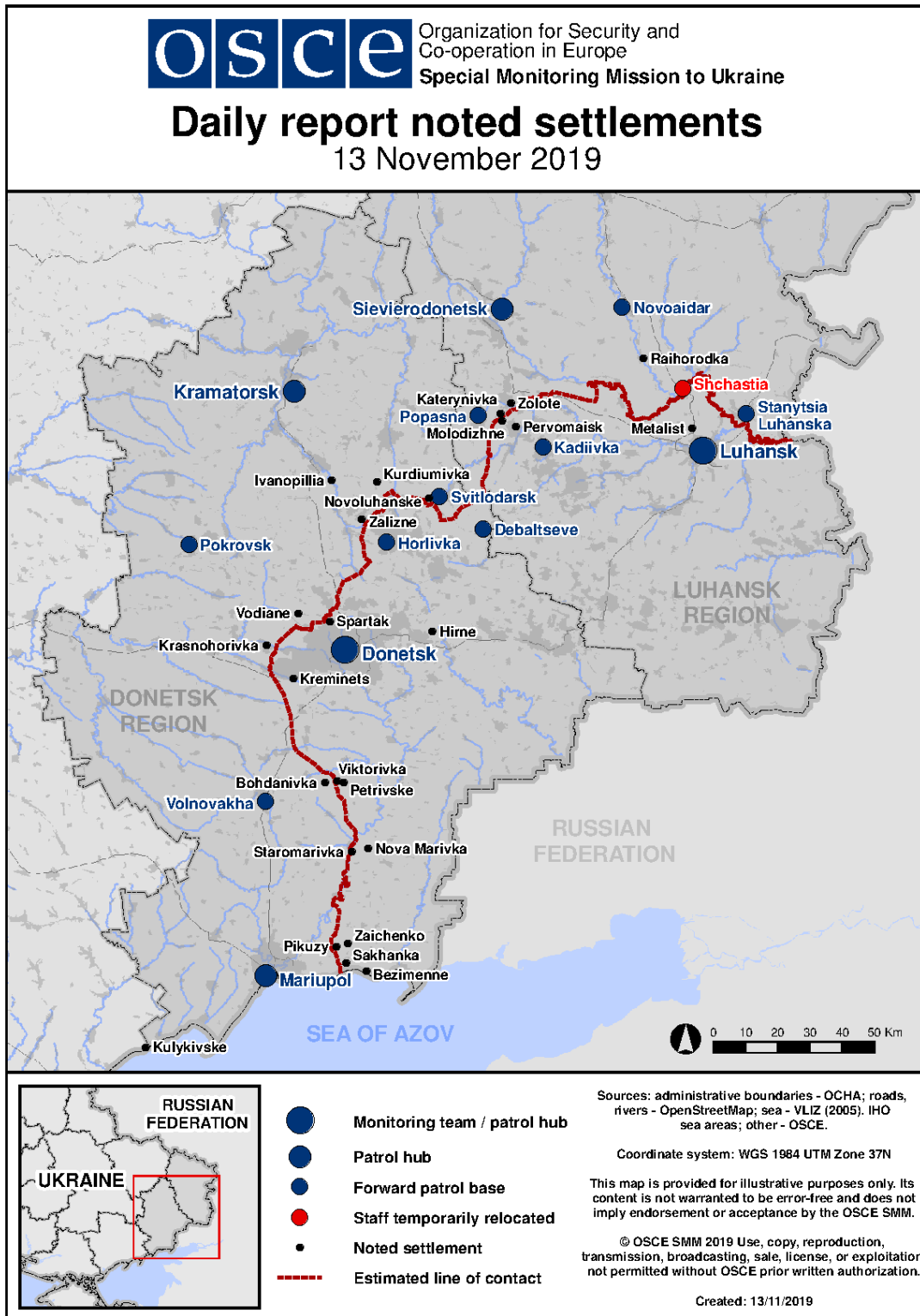
About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	1km SW	Heard	1	Burst	Assessed as outside the disengagement area	Small arms	12-Nov, 10:28
	1km SW	Heard	1	Shot	Assessed as outside the disengagement area	Small arms	12-Nov, 10:32
	1.5km E	Heard	1	Burst	Assessed as outside the disengagement area	HMG	12-Nov, 13:45
	1.5km E	Heard	3	Shot	Assessed as outside the disengagement area	Small arms	12-Nov, 13:59
	1-2km E	Heard	1	Shot	Assessed as outside the disengagement area	Small arms	12-Nov, 14:02
About 1km NE of Vodiane (government-controlled, 15km NW of Donetsk)	3-5km E	Heard	1	Explosion	Undetermined	N/K	12-Nov, 12:02
	3-5km E	Heard	1	Explosion	Undetermined	N/K	12-Nov, 12:56
	3-5km E	Heard	1	Explosion	Undetermined	N/K	12-Nov, 12:59
Vuhlehirsk (non-government-controlled, 49km NE of Donetsk)	5-7km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 13:00
	5-7km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 13:14
	5-7km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 13:57
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km NW	Heard	2	Burst		Small arms	12-Nov, 09:08
	2-3km N	Heard	1	Explosion	Undetermined	N/K	12-Nov, 12:55
	4-5km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 12:58
	1-3km N	Heard	17	Shot		Small arms	12-Nov, 13:00-13:12
	3-4km SW	Heard and saw	1	Explosion	Impact (black smoke)	N/K	12-Nov, 13:13
	2-3km N	Heard	1	Explosion	Undetermined	N/K	12-Nov, 13:43
	2-3km N	Heard	1	Explosion	Undetermined	N/K	12-Nov, 13:45
	2-3km N	Heard	1	Explosion	Undetermined	N/K	12-Nov, 13:59
Talakivka (government-controlled, 90km S of Donetsk)	2-3km E	Heard	2	Explosion	Undetermined	N/K	12-Nov, 09:50
2km SW of Pyshchevyk (government-controlled, 84km S of Donetsk)	3-5km ESE	Heard	2	Explosion	Undetermined	N/K	12-Nov, 10:07
About 2km E of Bohdaniivka (government-controlled, 41km SW of Donetsk)	0.5-1km NNE	Heard	1	Shot	Assessed as outside the Petrivske disengagement area	Small arms	12-Nov, 10:13

	0.5-1km NNE	Heard	2	Shot	Assessed as outside the Petrivske disengagement area	Small arms	12-Nov, 10:40-10:45
Chermalyk (government-controlled, 77km S of Donetsk)	N/K S	Heard	6	Explosion	Undetermined	N/K	12-Nov, 13:25
About 1.5km SE of Lomakyne (government-controlled, 93km S of Donetsk)	1.5km SE	Heard	2	Explosion	Undetermined	N/K	12-Nov, 13:51
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-5km SSE	Heard	2	Explosion	Undetermined	N/K	11-Nov, 20:10
	4-5km SSE	Heard	4	Explosion	Undetermined	N/K	11-Nov, 20:44
	4-5km SSE	Heard	12	Explosion	Undetermined	N/K	11-Nov, 20:54-21:04
	3-4km NW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 10:02
	4km SSE	Heard	1	Explosion	Undetermined	N/K	12-Nov, 10:55
	3-4km SSE	Heard	10	Burst		HMG	12-Nov, 11:37
	4-6km W	Heard	1	Explosion	Undetermined	N/K	12-Nov, 15:23
	4-6km W	Heard	1	Explosion	Undetermined	N/K	12-Nov, 15:28
	4-6km W	Heard	2	Explosion	Undetermined	N/K	12-Nov, 15:29
	5-7km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 15:38
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 15:40
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 15:43
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 15:46
	4-6km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 15:56
	5-7km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 15:58
	5-7km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 15:59
	5-7km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 16:01
5-7km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 16:02	
Horlivka (non-government-controlled, 39km NE of Donetsk)	5-8km W	Heard	2	Explosion	Undetermined	N/K	11-Nov, 19:50
	5-8km SW	Heard	1	Explosion	Undetermined	N/K	11-Nov, 19:52
	5-8km SW	Heard	17	Burst		HMG	11-Nov, 20:20-20:25
	5-8km SW	Heard	5	Explosion	Undetermined	N/K	11-Nov, 20:20-20:25
	5-8km W	Heard	28	Burst		HMG	11-Nov, 20:25-20:30
	5-8km W	Heard	9	Explosion	Undetermined	N/K	11-Nov, 20:25-20:30
	5-8km W	Heard	32	Shot		Small arms	11-Nov, 20:25-20:30

	5-8km NNW	Heard	6	Explosion	Undetermined	N/K	11-Nov, 20:30-20:35
	5-8km NNW	Heard	7	Burst		HMG	11-Nov, 20:30-20:35
	5-8km NW	Heard	2	Explosion	Undetermined	N/K	11-Nov, 20:35-20:45
	5-8km NW	Heard	12	Burst		HMG	11-Nov, 20:35-20:45
	5-8km W	Heard	11	Explosion	Undetermined	N/K	11-Nov, 20:45-21:00
	5-8km W	Heard	2	Burst		HMG	11-Nov, 20:45
	5-8km W	Heard	9	Explosion	Undetermined	N/K	11-Nov, 21:00-21:15
	5-7km WSW	Heard	15	Burst		HMG	12-Nov, 15:45-15:50
About 6km NNW of Horlivka (non-government controlled, 39km NE of Donetsk)	800m NW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 10:10
SE edge of Zalizne (formerly Artemove government-controlled, 42km NE of Donetsk)	300m SE	Heard and saw	1	Explosion	Impact	N/K	12-Nov, 10:06
SW edge of Novoluhanske (government-controlled, 53km NE of Donetsk)	3-4km W	Heard	1	Explosion	Undetermined	N/K	12-Nov, 09:55
	3-4km W	Heard	2	Explosion	Undetermined	N/K	12-Nov, 10:05
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 10:12
	3-4km W	Heard	1	Explosion	Undetermined	N/K	12-Nov, 13:11
Novoluhanske (government-controlled, 53km NE of Donetsk)	3-4km S	Heard	4	Explosion	Undetermined	N/K	12-Nov, 15:15-15:20
	1-2km S	Heard	1	Explosion	Undetermined	N/K	12-Nov, 15:23
	3-4km SE	Heard	4	Explosion	Undetermined	N/K	12-Nov, 15:24-15:30
Holmivskiyi (non-government-controlled, 49km NE of Donetsk)	3-4km NNW	Heard	1	Explosion	Undetermined	N/K	12-Nov, 10:06
	3-4km NW	Heard	2	Explosion	Undetermined	N/K	12-Nov, 11:25
About 2km NW of Kurdiumivka (government-controlled, 54km N of Donetsk)	2-4km SW	Heard	52	Burst		HMG	12-Nov, 11:20-11:35
	2-4km SW	Heard	37	Burst		HMG	12-Nov, 11:40-11:46
	3-5km S	Heard	25	Explosion	Undetermined	N/K	12-Nov, 11:47-11:50
E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	2-5km SW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	11-Nov, 23:58-23:59
E edge of Popasna (government-controlled, 69km W of Luhansk)	3-5km SSE	Heard	3	Explosion	Undetermined	N/K	12-Nov, 09:49-10:06
S edge of the disengagement area near Zolote (government-controlled, 60km W of Luhansk)	1-1.5km NNW	Heard	1	Explosion	Undetermined (assessed as inside the Zolote disengagement area)	N/K	12-Nov, 09:59

	7-8km SW	Heard	7	Explosion	Undetermined	N/K	12-Nov, 10:07-10:18
E edge of Pervomaisk (non-government- controlled, 58km W of Luhansk)	5-7km SSW	Heard	20	Explosion	Outgoing	N/K	12-Nov, 14:05-14:35
	5-7km SSW	Heard	82	Burst		(30mm canon)	12-Nov, 14:05-14:35
NE edge of Pervomaisk (non-government- controlled, 58km W of Luhansk)	2-3km N	Heard	120	Shot	Assessed as outside the Zolote disengagement area	Small arms	12-Nov, 14:50-15:03
	2-3km N	Heard	30	Burst	Assessed as outside the Zolote disengagement area	HMG	12-Nov, 14:50-15:03
	2-3km N	Heard	1	Explosion	Undetermined (assessed as outside the Zolote disengagement area)	N/K	12-Nov, 14:50-15:03
	0.8-1km N	Heard	1	Explosion	Undetermined (assessed as outside the Zolote disengagement area)	N/K	12-Nov, 15:03
1.7km SW of Molodizhne (non-government- controlled, 63km W of Luhansk)	5-10km SSW	Heard	3	Explosion	Undetermined	N/K	12-Nov, 10:11-10:26

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 has 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 patrols in this settlement during daylight hours, as well).