



# Daily Report 227/2019

25 September 2019<sup>1</sup>

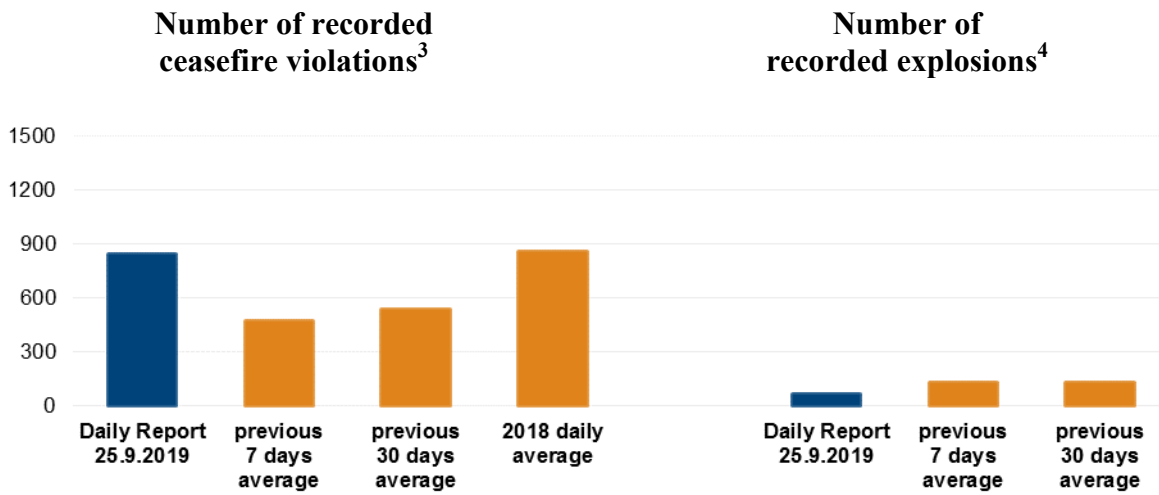
## Summary

- Compared with the previous reporting period, the SMM recorded fewer ceasefire violations in both Donetsk and Luhansk regions.
- The SMM followed up on a shrapnel injury sustained by a woman in Pikuzy, and on craters and damage due to shelling in Verkhnoшыrokyvske.
- Inside the Stanytsia Luhanska disengagement area, the SMM saw workers from government-controlled areas working on the foundations of a pedestrian bypass bridge as well as workers both from government-controlled and non-government-controlled areas cutting trees and clearing vegetation.
- The SMM observed anti-tank mines near the Petrivske disengagement area for the first time and recorded ceasefire violations near the Zolote disengagement area.
- The Mission saw 13 weapons in violation of withdrawal lines in a non-government-controlled area of Donetsk region.
- The SMM monitored adherence to the ceasefire to facilitate repairs and the operation of critical civilian infrastructure, including repairs to water pipelines between Zolote-3/Stakhanovets and Popasna, a water pipeline near Kamianka and electricity substation in Betmanove, as well as the drilling of wells near Raivka.
- Restrictions of the Mission's access continued, including at checkpoints near non-government-controlled Petrivske, Zaichenko and Novoazovsk and at heavy weapons holding areas in government-controlled areas of Donetsk region.\*

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<sup>1</sup> Based on information from the Monitoring Teams as of 19:30, 24 September 2019. All times are in Eastern European Summer Time.

## Ceasefire violations<sup>2</sup>



<sup>2</sup> For a complete breakdown of ceasefire violations, please see the annexed table.

<sup>3</sup> Including explosions.

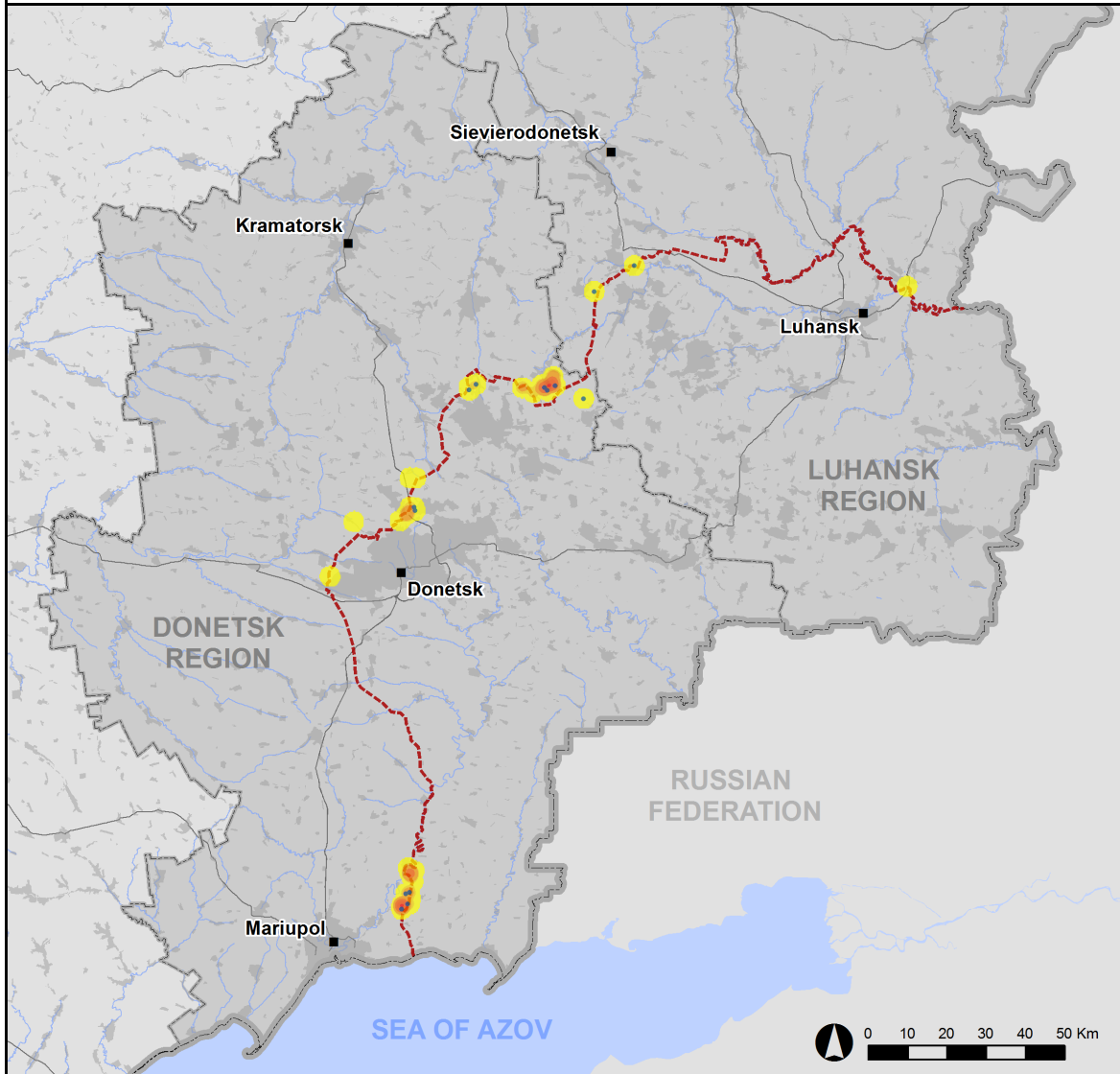
<sup>4</sup> Including from unidentified weapons.

### Map of recorded ceasefire violations

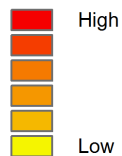


Organization for Security and  
Co-operation in Europe  
Special Monitoring Mission to Ukraine

## Ceasefire violations observed by the SMM 24 September 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: 25/09/2019

In Donetsk region, the SMM recorded fewer ceasefire violations, including fewer explosions (about 55), compared with the [previous reporting period](#) (about 120 explosions). The majority of ceasefire violations were recorded at easterly and southerly directions of Svitlodarsk (government-controlled, 57km north-east of Donetsk), at southerly directions of Pyshevyk (government-controlled, 84km south of Donetsk), as well as in areas south-south-east of Chermalyk (government-controlled, 77km south of Donetsk).

In Luhansk region, the SMM recorded fewer ceasefire violations, including five explosions, compared with the [previous reporting period](#) (20 explosions). The ceasefire violations were recorded near the disengagement areas near Zolote (government-controlled, 60km west of Luhansk) and Stanytsia Luhanska (government-controlled, 16km north-east of Luhansk) (see below).

### **Woman injured by shrapnel in Pikuzy**

On 24 September, at a hospital in Novoazovsk (non-government-controlled, 102km south-east of Donetsk), a woman in her sixties told the SMM that she was in her backyard on 23 September in Pikuzy (formerly Kominternove, non-government-controlled, 92km south of Donetsk) when she heard an explosion and felt pain in her right leg, followed by the sound of multiple explosions. At the same hospital, medical staff told the Mission that the woman had been admitted on 23 September with a shrapnel injury to her right upper leg. The SMM attempted to visit Pikuzy but was denied access to the settlement at a checkpoint in Zaichenko (non-government-controlled, 93km south of Donetsk) (see below).\*

### **Craters and damage due to shelling in Verkhnohyrokiivske**

On 23 September, in Verkhnohyrokiivske (formerly Oktiabr, non-government-controlled, 85km south of Donetsk), accompanied by two members of the armed formations, at 28 Shchorsa Street, in the garden of a two-storey house, the SMM saw the freshly broken trunk of a tree, assessed as caused by the impact of a 122mm artillery round fired from a westerly direction. The SMM also saw shrapnel marks on a gas pipe and two other trees. In the same garden, the SMM saw two fresh craters near each other: one assessed as caused by a mortar round and one by a 122mm artillery round, both assessed as fired from a westerly direction. Three metres north of the second crater, the Mission observed shrapnel marks in trees and shrapnel marks on a metal fence. A resident of the house (man, in his fifties) told the SMM that he was at home when shelling occurred.

About 25m further south-west, at 27 Shchorsa Street, the SMM saw a fresh crater in the asphalt road, assessed as caused by a 122mm artillery round fired from a westerly direction, and shrapnel damage to a gas supply pipeline 10m east. About 25m further south-east of the crater, in a garden, the SMM observed another fresh crater, assessed as caused by a 120mm mortar round fired from a westerly direction, and numerous shrapnel marks on a metal fence. Eight residents of the settlement told the SMM that shelling had occurred on the evening of 22 September. SMM patrols are regularly denied access in the area of Verkhnohyrokiivske by members of the armed formations.

### **Stanytsia Luhanska disengagement area**

Inside the disengagement area, the SMM saw four armed Ukrainian Armed Forces soldiers and two media representatives in military-style clothing about 700-800m north of the broken

section of the Stanytsia Luhanska bridge (15km north-east of Luhansk). The SMM observed seven workers from government-controlled areas working on the foundations of the pedestrian bypass bridge on the eastern side of the broken section of the bridge. At the same location, the Mission saw a truck delivering scaffolding material and metal spare parts. It also saw four workers from government-controlled areas cutting trees and vegetation 100m north-west of the broken section of the bridge. The Mission saw 16 personnel of the State Emergency Service (SES) of Ukraine preparing for demining activities about 500m north of the broken section of the bridge and three workers from government-controlled areas cutting trees 2-3m east of the road around 200m north of the broken section of the Stanytsia Luhanska bridge. The SMM observed trucks delivering stones and sand on the dirt access road that runs parallel to the main road across the disengagement area on its western side.

Inside the disengagement area, the SMM observed five workers from non-government-controlled areas cutting trees about 50m west of the checkpoint of the armed formations. Between the checkpoint of the armed formations and the broken section of the bridge the SMM observed eight members of the armed formations (wearing armbands with “JCCC” written on them).

The Mission saw four employees of an international humanitarian organization carrying a man (around 70 years old) on a stretcher to the shelter of the same organization near the checkpoint of the armed formations. Later on, the SMM saw the man being driven away by an ambulance.

In the afternoon, positioned about 150m north of the bridge, the SMM heard a shot of heavy-machine-gun fire at an assessed range of 1-2km east-north-east, assessed as outside the disengagement area.

### **Other disengagement areas<sup>5</sup>**

On 23 September, on the road between Bohdanivka (government-controlled, 41km south-west of Donetsk) and Viktorivka (non-government-controlled, 42km south-west of Donetsk), north of the disengagement area near Petrivske (non-government-controlled, 41 south of Donetsk), an SMM mini-unmanned aerial vehicle (UAV) spotted again [38](#) anti-tank mines laid across the road about 160m north of the disengagement area near Petrivske.

The same mini-UAV again spotted about 150 anti-tank mines (TM-62), (some across the abovementioned road) running north to south from a location about 340m south of the northern edge of the disengagement area, inside of it, to an area about 440m north of the northern edge of the disengagement area, outside of it, and for the first time spotted that the minefield runs an additional 250m north than previously recorded and includes an additional 50 anti-tank mines (TM-62). The SMM assessed all of the above anti-tank mines as belonging to the Ukrainian Armed Forces (for previous observations in the area, see [SMM Daily Report 23 September 2019](#)).

On the evening of 23 September, the SMM camera in Zolote recorded an undetermined explosion at an assessed range of 4-6km east, assessed as outside the disengagement area. On

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<sup>5</sup> Disengagement is foreseen in the [Framework Decision of the Trilateral Contact Group relating to disengagement of forces and hardware](#) of 21 September 2016.

the same evening, while in Popasna (government-controlled, 69km west of Luhansk), the SMM heard four undetermined explosions at an assessed range of 4-6km south-east, assessed as outside the disengagement area near Zolote.

On 24 September, positioned north of the disengagement area near Petrivske, the SMM observed a calm situation.\*

### **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 13 weapons in violation of withdrawal lines in a non-government-controlled area of Donetsk region (for more details, see the below table of weapons as of 24 September 2019.)

### **Weapons that the SMM could not verify as withdrawn<sup>6</sup>**

*At three heavy weapons holding areas in government-controlled areas of Luhansk region*  
24 September

The SMM noted that:

- four self-propelled howitzers (two 2S1 *Gvozdika*, 122mm and two 2S3 *Akatsiya*, 152mm), six towed howitzers (D30 *Lyagushka*, 122mm) and six anti-tank guns (MT-12 *Rapira*, 100mm) were present; and
- nine self-propelled howitzers (three 2S1 and six 2S3), two self-propelled mortars (2S9 *Nona-S*, 120mm) and ten anti-tank guns (MT-12) continued to be missing.

*At five heavy weapons holding areas in government-controlled areas of Donetsk region*  
24 September

The SMM noted that 51 towed howitzers (33 2A65 *Msta-B*, 152mm and 18 2A36 *Giatsint-B*, 152mm) continued to be missing.

### **Indications of military and military-type presence in the security zone<sup>7</sup>**

*Government-controlled areas*

23 September

An SMM mid-range UAV spotted two armoured reconnaissance vehicles (BRDM-2) near residential properties in Vodiane (15km north-west of Donetsk).

24 September

The SMM saw:

- an armoured reconnaissance vehicle (BRDM-2) with a heavy-machine gun mounted on top near Saryi Aidar (20km north-west of Luhansk) and

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<sup>6</sup> 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 one of the sites was abandoned.

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

- an infantry fighting vehicle (IFV) near Novokalynove (29km north-west of Donetsk).

#### *Non-government-controlled areas*

23 September

An SMM mid-range UAV spotted a new 25m-long trench extension (not seen in imagery from 22 August 2019) leading from a wooded area into an open field about 1.5km east of Zholobok (47km west of Luhansk) and a 250m-long trench (not seen in imagery from 2 June 2019), about 1.2km east of Zholobok adjacent to road T-1303.

24 September

An SMM long-range UAV spotted four armoured combat vehicles near Zernove (70km south of Donetsk), in a zone within which deployment of heavy armament and military equipment is proscribed according to Point 5 of the Memorandum of 19 September 2014.

24 September

The SMM saw three IFVs (BMP-1) near Sofiivka (60km west of Luhansk).

#### **SMM facilitation of operation of and repair works to civilian infrastructure**

The SMM monitored adherence to the ceasefire to facilitate the drilling of wells near Raivka (non-government-controlled, 16km north-west of Luhansk); to enable an inspection of and repair works to water pipelines between Zolote-3/Stakhanovets (government-controlled, 61km west of Luhansk) and Popasna; and to enable repairs to a water pipeline near Kamianka (government-controlled, 20km north of Donetsk) and to an electricity substation in Betmanove (formerly Krasnyi Partyzan, non-government-controlled, 23km north-east of Donetsk).

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

#### **Presence of anti-tank mines near Prychepylivka and Novotoshkivske**

On 23 September, about 3.6km south of Prychepylivka (government-controlled, 50km north-west of Luhansk), an SMM mid-range UAV spotted for the first time three probable anti-tank mines in a single row across a local road.

On the same day, about 3km east of Novotoshkivske (government-controlled, 53km west of Luhansk), an SMM mid-range UAV [again](#) spotted 16 previously reported anti-tank mines in two rows across road T-1303.

The Mission 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 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 14 September 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.*

#### Denial of access:

- At a checkpoint on the northern edge of Petrivske (non-government-controlled, 41km south of Donetsk), an armed member of the armed formations [again](#) denied the SMM passage citing “ongoing demining activities”, thereby restricting the SMM's access to its camera in Petrivske.
- At a checkpoint 800m north of Zaichenko (non-government-controlled, 93km south of Donetsk), an armed member of the armed formations [again](#) denied the SMM passage westward or southward, citing “the safety of the SMM”.
- A Ukrainian Armed Forces soldier denied the SMM entry into a heavy weapons holding area in a government-controlled area of Donetsk region.
- The SMM was unable to enter a heavy weapons holding area in a government-controlled area of Donetsk region as the gate was sealed off with a solid concrete wall.

#### *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.

#### Conditional:

- At a checkpoint at the northern entrance to Novoazovsk (non-government-controlled, 102km south-east of Donetsk), two armed members of the armed formations only allowed the SMM to proceed towards the settlement accompanied by another member of the armed formations and an additional person.

#### Other impediments:

- On the evening of 23 September, an SMM long-range UAV lost its GPS signal due to signal interference assessed as caused by probable jamming, while flying over Illinivka (government-controlled, 56km north of Donetsk).<sup>8</sup>
- On 24 September, an SMM mini-UAV experienced GPS signal interference, assessed as due to probable jamming, while flying near Zernove (non-government-controlled, 33km south of Donetsk).

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<sup>8</sup> The interference could have originated from anywhere within a radius of kilometres from the UAV's position.



- On 24 September, an SMM mini-UAV experienced GPS signal interference, assessed as due to probable jamming, while flying near Bohoiavlenka (government-controlled, 46km south-west of Donetsk).
- On 24 September, an SMM mid-range UAV experienced GPS signal interference, assessed as due to probable jamming, while flying near Lebedynske (government-controlled, 99km south of Donetsk).

### Table of weapons

#### Weapons in violation of withdrawal lines:

Date	No. of weapons	Type of weapons	Location	Source of observation
<b>Non-government-controlled areas</b>				
24/09/2019	3	Self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm)	Moving in convoy to a location near the training area in Boikivske (67km south-east of Donetsk) in a zone within which deployment of heavy armament and military equipment is further proscribed according to Point 5 of the Memorandum of 19 September 2014.	Long-range UAV
	3	Towed howitzer (D30 <i>Lyagushka</i> , 122mm)		
	3	Towed howitzer (2A65 <i>Msta-B</i> , 152mm)		
	4	Multiple launch rocket system (BM-21 <i>Grad</i> , 122mm)		

#### Beyond withdrawal lines but outside of designated storage sites:

Date	No. of weapons	Type of weapons	Location	Source of observation
<b>Non-government-controlled areas</b>				
23/09/2019	21	Tank (11 T-72 and ten T-64 )	In a training area near Manuilivka (65km east of Donetsk)(for previous observations, see <a href="#">SMM Daily Report 2 August 2019</a> )	Mini-UAV
<b>Government-controlled areas</b>				
24/09/2019	3	Anti-tank guided missile system (9P148 <i>Konkurs</i> , 135mm)	1.5km south-east of Oknyne (53km north-west of Luhansk)	Patrol

**Table of ceasefire violations as of 24 September 2019<sup>9</sup>**

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	3-5km SSE	Recorded	2	Projectile	NE to SW	N/K	23-Sep, 19:02
	2-4km SSE	Recorded	9	Projectile	NE to SW	N/K	23-Sep, 21:01
	2-4km SE	Recorded	5	Projectile	NE to SW	N/K	23-Sep, 22:48
	4-6km SSE	Recorded	6	Projectile	NE to SW	N/K	23-Sep, 22:49
	1-2km SSE	Recorded	1	Projectile	W to E	N/K	23-Sep, 23:09
	1-2km SSE	Recorded	2	Projectile	W to E	N/K	23-Sep, 23:18
	1-2km SSE	Recorded	1	Projectile	W to E	N/K	24-Sep, 00:09
	2-4km SSE	Recorded	4	Projectile	W to E	N/K	24-Sep, 00:10
	2-4km SSE	Recorded	2	Projectile	W to E	N/K	24-Sep, 00:37
	2-4km SSE	Recorded	2	Projectile	NE to SW	N/K	24-Sep, 00:50
	2-4km SSE	Recorded	2	Projectile	NE to SW	N/K	24-Sep, 01:32
	2-4km SSE	Recorded	17	Projectile	W to E	N/K	24-Sep, 02:49
	2-4km SSE	Recorded	7	Projectile	W to E	N/K	24-Sep, 02:53
	2-4km SSE	Recorded	32	Projectile	W to E	N/K	24-Sep, 02:55
	2-4km SSE	Recorded	3	Projectile	W to E	N/K	24-Sep, 03:01
	1-2km SSE	Recorded	5	Projectile	W to E	N/K	24-Sep, 03:32
	1-2km SSE	Recorded	1	Projectile	NE to SW	N/K	24-Sep, 03:32
	1-2km SSE	Recorded	1	Projectile	W to E	N/K	24-Sep, 03:33
	2-3km SSE	Recorded	6	Projectile	W to E	N/K	24-Sep, 04:31
	2-3km SSE	Recorded	2	Projectile	NE to SW	N/K	24-Sep, 05:14
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	2-4km ENE	Recorded	1	Burst	S to N	N/K	23-Sep, 21:00
	2-4km ENE	Recorded	2	Explosion	Impact	N/K	23-Sep, 21:00
	2-4km ENE	Recorded	3	Projectile	NW to SE	N/K	23-Sep, 21:02
	3-5km ENE	Recorded	1	Explosion	Undetermined	N/K	23-Sep, 21:11
	3-5km ESE	Recorded	2	Projectile	SW to NE	N/K	23-Sep, 21:16
	2-4km ENE	Recorded	1	Projectile	NW to SE	N/K	23-Sep, 21:20
	3-5km ENE	Recorded	1	Projectile	In vertical flight	N/K	23-Sep, 21:28
	3-5km ENE	Recorded	5	Projectile	NW to SE	N/K	23-Sep, 21:33
	3-5km ENE	Recorded	3	Explosion	Undetermined	N/K	23-Sep, 21:33
	3-5km ENE	Recorded	3	Projectile	SW to NE	N/K	23-Sep, 22:50
	3-5km ENE	Recorded	5	Projectile	S to N	N/K	23-Sep, 22:51
	2-4km ENE	Recorded	1	Projectile	NW to SE	N/K	23-Sep, 22:54
	3-5km E	Recorded	1	Projectile	NW to SE	N/K	23-Sep, 23:21
	3-5km E	Recorded	1	Projectile	SW to NE	N/K	23-Sep, 23:24

<sup>9</sup> 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.

	3-5km ESE	Recorded	3	Projectile	SW to NE	N/K	23-Sep, 23:58
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	2-4km SSE	Recorded	1	Muzzle flash		N/K	24-Sep, 00:13
	2-4km SSE	Recorded	1	Projectile	NNE to SSW	N/K	24-Sep, 00:13
	2-4km SSE	Recorded	1	Muzzle flash		N/K	24-Sep, 00:14
	2-4km SSE	Recorded	1	Projectile	NNE to SSW	N/K	24-Sep, 00:14
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	3-5km ENE	Recorded	7	Projectile	N to S	N/K	23-Sep, 19:53
	1-3km ENE	Recorded	4	Projectile	SSE to NNW	N/K	23-Sep, 21:15
	3-5km ENE	Recorded	1	Explosion	Airburst	N/K	24-Sep, 00:02
	1-3km E	Recorded	1	Projectile	S to N	N/K	24-Sep, 00:43
	1-3km E	Recorded	1	Explosion	Impact	N/K	24-Sep, 00:43
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 84km S of Donetsk)	3-5km SSE	Recorded	2	Projectile	E to W	N/K	23-Sep, 19:02
	3-5km SSE	Recorded	2	Explosion	Undetermined	N/K	23-Sep, 19:02
	3-5km SSE	Recorded	2	Muzzle flash		N/K	23-Sep, 19:39
	3-5km SSE	Recorded	2	Projectile	W to E	N/K	23-Sep, 19:39
	4-6km S	Recorded	1	Projectile	NW to SE	N/K	23-Sep, 19:46
	3-5km S	Recorded	1	Projectile	ENE to WSW	N/K	23-Sep, 19:55
	3-5km S	Recorded	5	Projectile	WNW to ESE	N/K	23-Sep, 19:56
	3-5km S	Recorded	5	Projectile	WNW to ESE	N/K	23-Sep, 20:57
	4-6km S	Recorded	2	Explosion	Undetermined	N/K	23-Sep, 20:57
	3-5km S	Recorded	8	Projectile	WNW to ESE	N/K	23-Sep, 23:20
	3-5km S	Recorded	8	Projectile	W to E	N/K	23-Sep, 23:40
	3-6km S	Recorded	7	Projectile	W to E	N/K	23-Sep, 23:54
	3-5km S	Recorded	6	Projectile	E to W	N/K	23-Sep, 23:55
	3-5km S	Recorded	2	Projectile	W to E	N/K	23-Sep, 23:55
	4-6km S	Recorded	11	Projectile	E to W	N/K	23-Sep, 23:59
	4-6km S	Recorded	6	Projectile	W to E	N/K	23-Sep, 23:59
	3-5km S	Recorded	2	Projectile	W to E	N/K	24-Sep, 00:01
	4-6km S	Recorded	1	Explosion	Undetermined	N/K	24-Sep, 00:01
	3-5km S	Recorded	5	Projectile	W to E	N/K	24-Sep, 00:02
	3-5km S	Recorded	8	Projectile	W to E	N/K	24-Sep, 00:03
	3-5km S	Recorded	9	Projectile	W to E	N/K	24-Sep, 00:04
	3-5km S	Recorded	5	Projectile	E to W	N/K	24-Sep, 00:04
	3-5km S	Recorded	2	Projectile	W to E	N/K	24-Sep, 00:05
	3-5km S	Recorded	1	Muzzle flash		N/K	24-Sep, 00:06
	3-5km S	Recorded	1	Projectile	W to E	N/K	24-Sep, 00:06
	3-5km S	Recorded	4	Projectile	W to E	N/K	24-Sep, 00:08
	3-5km S	Recorded	2	Projectile	W to E	N/K	24-Sep, 00:10
	3-5km S	Recorded	9	Projectile	WNW to ESE	N/K	24-Sep, 00:10
	3-5km S	Recorded	1	Projectile	W to E	N/K	24-Sep, 00:11
	3-5km S	Recorded	1	Projectile	WNW to ESE	N/K	24-Sep, 00:13
	3-5km S	Recorded	12	Projectile	WNW to ESE	N/K	24-Sep, 00:17
	3-5km S	Recorded	1	Projectile	ENE to WSW	N/K	24-Sep, 00:24
	3-5km S	Recorded	2	Projectile	ENE to WSW	N/K	24-Sep, 00:33
3-5km S	Recorded	1	Projectile	E to W	N/K	24-Sep, 00:34	

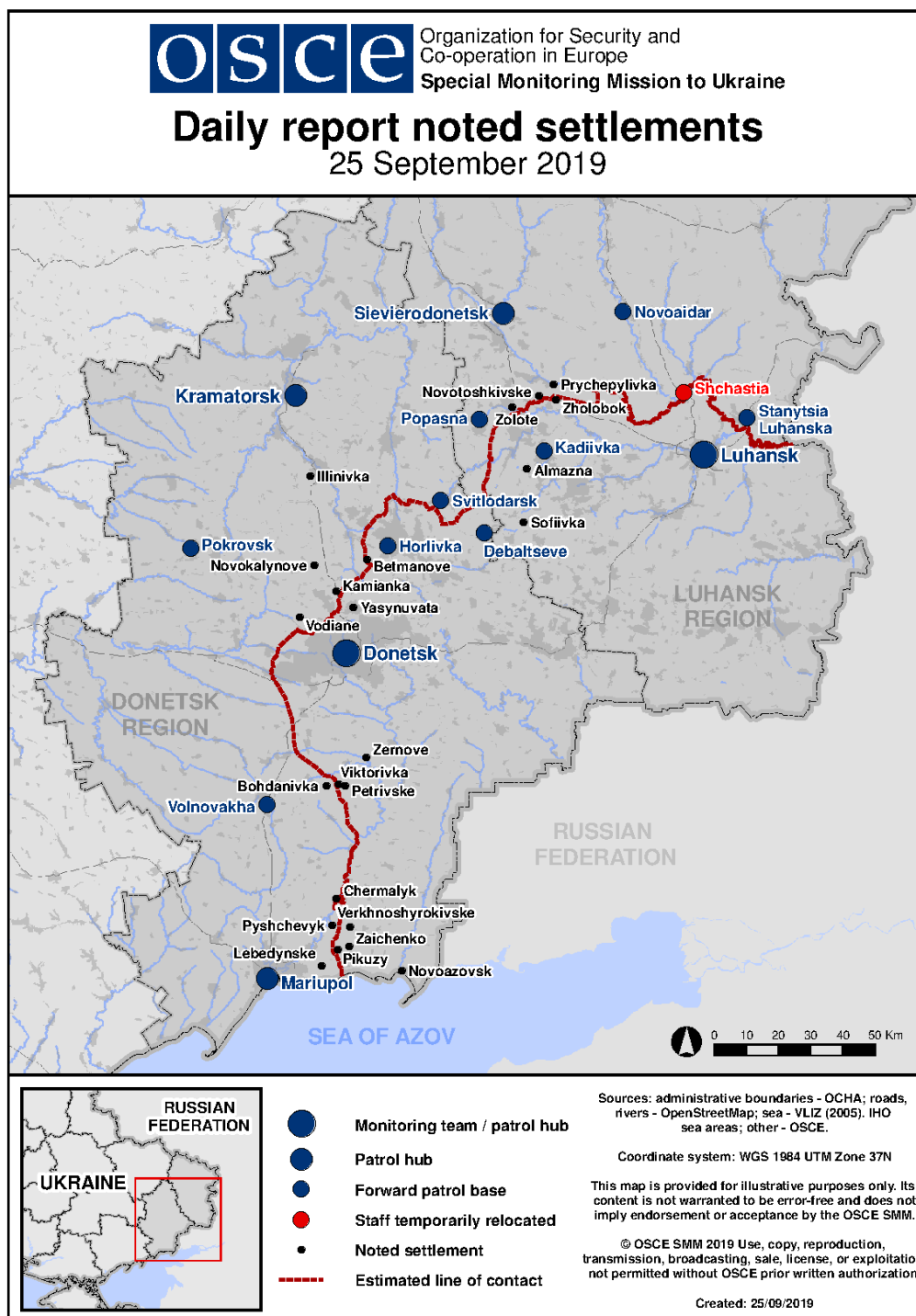
	3-5km S	Recorded	12	Projectile	WNW to ESE	N/K	24-Sep, 00:36
	3-5km S	Recorded	2	Projectile	In vertical flight	N/K	24-Sep, 00:36
	3-5km S	Recorded	9	Projectile	W to E	N/K	24-Sep, 00:37
	3-5km S	Recorded	9	Projectile	E to W	N/K	24-Sep, 00:37
	3-5km S	Recorded	11	Projectile	W to E	N/K	24-Sep, 00:54
	3-5km S	Recorded	3	Projectile	NW to SE	N/K	24-Sep, 00:55
	3-5km S	Recorded	2	Projectile	E to W	N/K	24-Sep, 00:58
	3-5km SSE	Recorded	1	Projectile	W to E	N/K	24-Sep, 01:07
	3-5km S	Recorded	5	Projectile	E to W	N/K	24-Sep, 01:22
	3-5km S	Recorded	1	Projectile	NNW to SSE	N/K	24-Sep, 01:23
	3-5km S	Recorded	6	Projectile	W to E	N/K	24-Sep, 01:24
	3-5km S	Recorded	4	Projectile	WNW to ESE	N/K	24-Sep, 01:27
	3-5km S	Recorded	10	Projectile	W to E	N/K	24-Sep, 01:54
	3-5km S	Recorded	6	Projectile	WNW to ESE	N/K	24-Sep, 02:30
	3-5km S	Recorded	6	Projectile	W to E	N/K	24-Sep, 03:30
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-6km ESE	Recorded	1	Projectile	WNW to ESE	N/K	23-Sep, 18:44
	4-6km ESE	Recorded	1	Projectile	WNW to ESE	N/K	23-Sep, 19:02
	5-7km ESE	Recorded	1	Projectile	WNW to ESE	N/K	23-Sep, 19:04
	5-7km ESE	Recorded	1	Projectile	WNW to ESE	N/K	23-Sep, 19:16
	5-7km ESE	Recorded	2	Projectile	W to E	N/K	23-Sep, 19:16
	5-7km ESE	Recorded	3	Projectile	WSW to ENE	N/K	23-Sep, 19:37
	5-7km ESE	Recorded	2	Muzzle flash		N/K	23-Sep, 19:37
	5-7km ESE	Recorded	1	Muzzle flash		N/K	23-Sep, 19:39
	5-7km ESE	Recorded	1	Projectile	WSW to ENE	N/K	23-Sep, 19:39
	5-7km ESE	Recorded	1	Muzzle flash		N/K	23-Sep, 19:40
	5-7km ESE	Recorded	1	Projectile	WSW to ENE	N/K	23-Sep, 19:40
	5-7km ESE	Recorded	1	Explosion	Undetermined	N/K	23-Sep, 19:40
	5-7km ESE	Recorded	1	Explosion	Undetermined	N/K	23-Sep, 19:40
	5-7km ESE	Recorded	1	Projectile	NW to SE	N/K	23-Sep, 19:43
	4-6km ESE	Recorded	25	Projectile	In vertical flight	N/K	23-Sep, 20:05
	4-6km ESE	Recorded	16	Projectile	In vertical flight	N/K	23-Sep, 20:06
	4-6km ESE	Recorded	99	Projectile	In vertical flight	N/K	23-Sep, 20:07
	4-6km ESE	Recorded	19	Projectile	In vertical flight	N/K	23-Sep, 20:07
4-6km E	Recorded	38	Projectile	In vertical flight	N/K	23-Sep, 20:07	
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km SE	Heard	10	Shot		Small arms	24-Sep, 09:30-10:00
	2-3km SE	Heard	9	Shot		Small arms	24-Sep, 10:00-10:05
	3-4km S	Heard	5	Burst		HMG	24-Sep, 10:00-10:32
	2-3km E	Heard	13	Shot		Small arms	24-Sep, 10:09-10:20
	2-3km SE	Heard	9	Shot		Small arms	24-Sep, 10:47-10:55

	2-3km SE	Heard	4	Shot		Small arms	24-Sep, 11:04
	3-4km E	Heard	1	Explosion	Undetermined	N/K	24-Sep, 11:19
	2-3km SE	Heard	5	Shot		Small arms	24-Sep, 11:31-11:35
	2-3km SE	Heard	2	Shot		Small arms	24-Sep, 12:05
Pervomaiske (government-controlled, 17km NW of Donetsk)	3-4km NW	Heard	3	Burst		Small arms	24-Sep, 11:55
About 4km NW of Debaltseve (non-government-controlled, 58km NE of Donetsk)	3-4km NE	Heard	1	Explosion	Undetermined	N/K	24-Sep, 13:37
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-2km SW	Heard	1	Explosion	Impact	N/K	24-Sep, 14:46
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km SE	Heard	1	Explosion	Undetermined	N/K	23-Sep, 20:10
	3-5km SE	Heard	5	Shot		Small arms	23-Sep, 20:20
	3-5km S	Heard	3	Shot		Small arms	23-Sep, 20:32
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	23-Sep, 20:45
	3-5km S	Heard	4	Burst		HMG	23-Sep, 20:49
	3-5km S	Heard	3	Shot		Small arms	23-Sep, 20:49
	3-5km SW	Heard	6	Shot		Small arms	23-Sep, 21:00
	3-5km SW	Heard	3	Shot		Small arms	23-Sep, 21:05
	3-5km S	Heard	3	Shot		Small arms	23-Sep, 21:11
	3-5km SE	Heard	4	Shot		Small arms	23-Sep, 21:13
	2-4km SE	Heard	6	Shot		Small arms	23-Sep, 21:14
	3-5km SE	Heard	4	Burst		HMG	23-Sep, 21:17
	2-4km SE	Heard	3	Burst		HMG	23-Sep, 21:18
	2-4km SE	Heard	4	Burst		HMG	23-Sep, 21:24
	3-5km SE	Heard	3	Burst		HMG	23-Sep, 21:55
	3-5km SE	Heard	10	Shot		Small arms	23-Sep, 22:12
	3-5km SE	Heard	5	Burst		HMG	23-Sep, 22:23
	3-5km SE	Heard	5	Shot		Small arms	23-Sep, 22:34
	3-5km SE	Heard	10	Burst		Small arms	23-Sep, 22:50-22:51
	3-5km SE	Heard	3	Burst		HMG	23-Sep, 22:50
	4-6km SE	Heard	1	Explosion	Undetermined	N/K	23-Sep, 22:53
	3-5km SE	Heard	21	Burst		Small arms	23-Sep, 22:56-23:01
3-5km SE	Heard	12	Burst		HMG	23-Sep, 23:20	
3-5km SE	Heard	4	Burst		Small	23-Sep, 23:27	

						arms	
	2-4km SE	Heard	3	Burst		HMG	23-Sep, 23:44
	3-5km SE	Heard	34	Explosion	Undetermined	N/K	24-Sep, 18:13-18:21
	3-5km SW	Heard	10	Burst		Small arms	24-Sep, 18:13-18:21
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	1-2km E	Heard	1	Shot		Small arms	24-Sep, 09:26
	2-4km E	Heard	1	Shot		Small arms	24-Sep, 14:51
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	4-6km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	23-Sep, 19:21
N edge of Popasna (government-controlled, 69km W of Luhansk)	4-6km SE	Heard	4	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	23-Sep, 22:40-23:00
150m N of Stanytsia Luhanska bridge (15km NE of Luhansk)	1-2km ENE	Heard	1	Shot	Assessed as outside the disengagement area	HMG	24-Sep, 16:35



## Map of Donetsk and Luhansk regions<sup>10</sup>



<sup>10</sup> 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).