

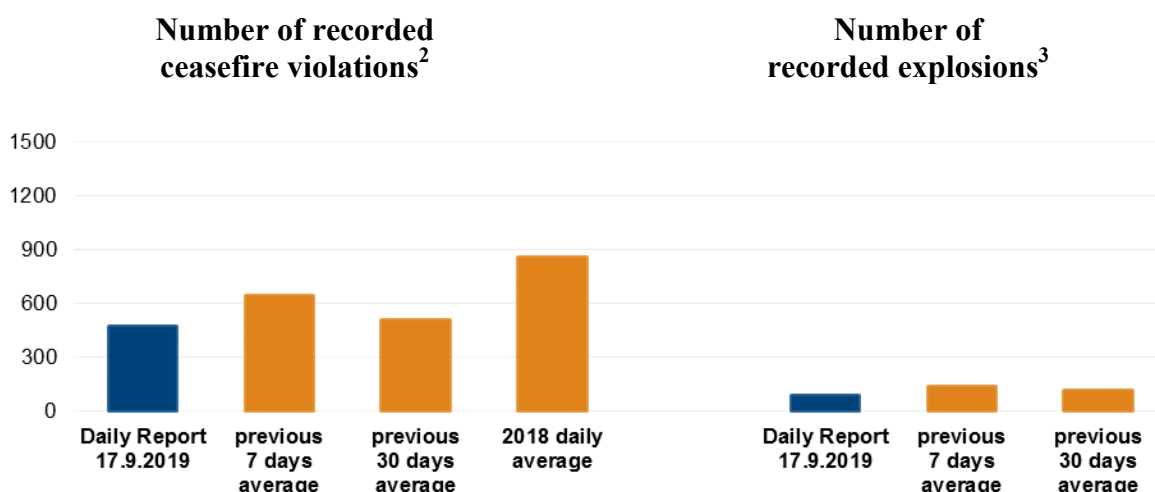
# Daily Report 220/2019

17 September 2019<sup>1</sup>

## Summary

- Compared with the previous 24 hours, the SMM recorded fewer ceasefire violations in Donetsk region and more in Luhansk region.
- Inside the Stanytsia Luhanska disengagement area, the Mission saw workers from government-controlled areas completing asphaltting of the road north of the broken section of the bridge, and workers from non-government-controlled areas cutting tree branches and repairing the metal sections of the bridge.
- An SMM unmanned aerial vehicle spotted 38 anti-tank mines inside the Petrivske disengagement area.
- The Mission saw four weapons in violation of withdrawal lines, all in non-government-controlled areas.
- The Mission monitored adherence to the ceasefire to facilitate repairs to and the operation of essential civilian infrastructure, including power line repairs near Spartak.
- Restrictions of the Mission's access continued, including at checkpoints in Petrivske and near Verkhnohyrokiwske, all in non-government-controlled areas.\*

## Ceasefire violations<sup>1</sup>



<sup>1</sup> For a complete breakdown of ceasefire violations, please see the annexed table.

<sup>2</sup> Including explosions.

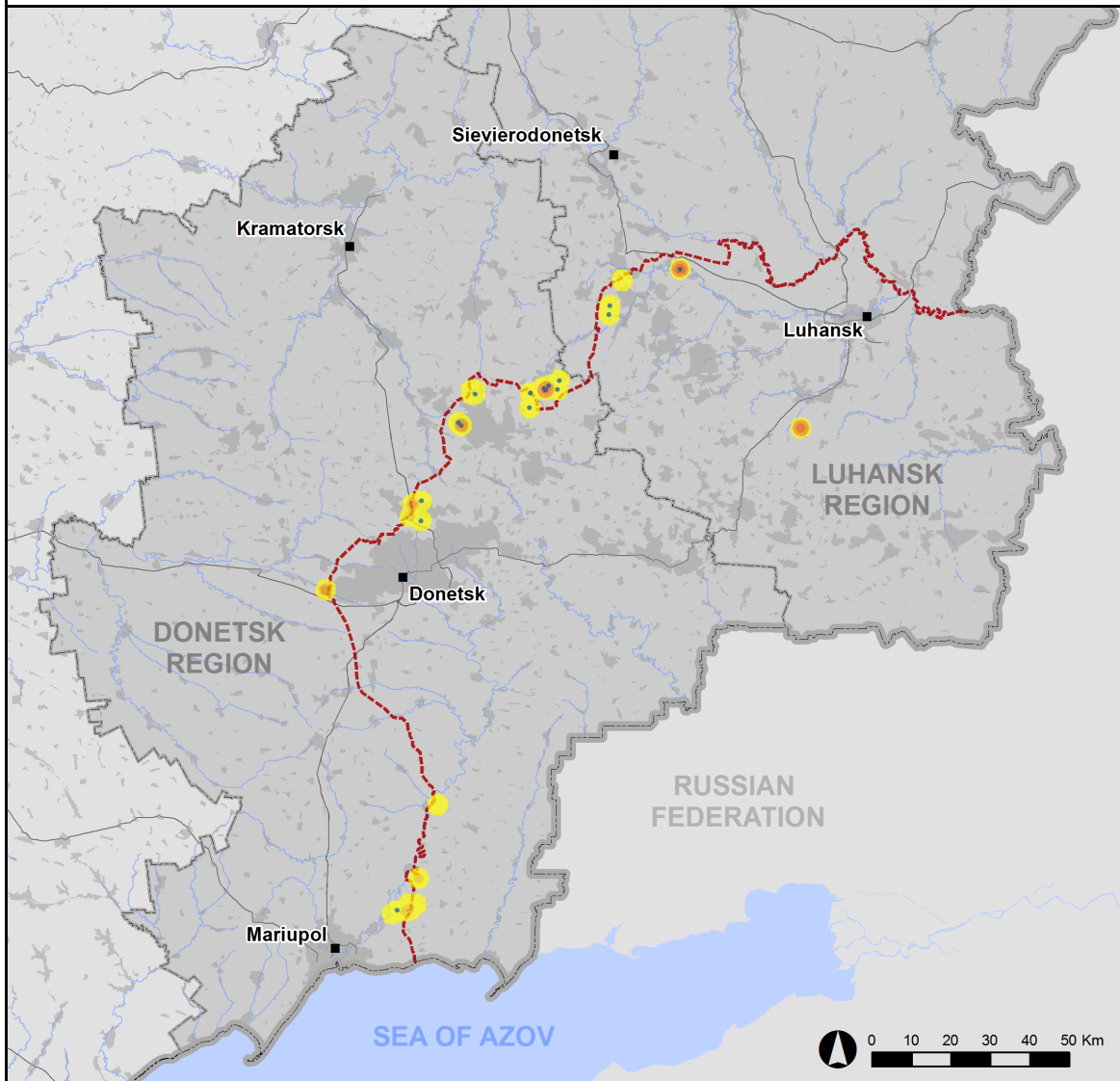
<sup>3</sup> Including from unidentified weapons.

### Map of recorded ceasefire violations

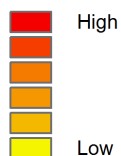


Organization for Security and  
Co-operation in Europe  
Special Monitoring Mission to Ukraine

## Ceasefire violations observed by the SMM 16 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: 17/09/2019

In Donetsk region, the SMM recorded fewer ceasefire violations, including fewer explosions (about 80), compared with the [previous 24 hours](#) (about 220 explosions). The majority of ceasefire violations, including the majority of explosions, were recorded in areas south-east and east-south-east of Svitlodarsk (government-controlled, 57km north-east of Donetsk) and north-west of Horlivka (non-government-controlled, 39km north-east of Donetsk).

In Luhansk region, the SMM recorded more ceasefire violations, including, however, fewer explosions (seven), compared with the [previous 24 hours](#) (43 explosions). The majority of the ceasefire violations were recorded west of Sentianivka (formerly Frunze, non-government-controlled, 44km west of Luhansk) and west of Kruhlyk (non-government-controlled, 31km south-west of Luhansk).

### **Stanytsia Luhanska disengagement area**

On the afternoon of 15 September, the SMM saw 15 workers from government-controlled areas asphaltting part of the road north of the broken section of the Stanytsia Luhanska bridge (15km north of Luhansk). The SMM saw that the western side of the main road had been completely asphalted from the northern edge of the broken section of the bridge to the shelter of a humanitarian organization.

On the morning of 16 September, the SMM saw a crane and three workers from government-controlled areas unloading four concrete plates from a truck onto an area around 50m east of the broken section of the bridge. On the same morning, the SMM observed five members of the State Emergency Service (SES) of Ukraine with two chainsaws cutting branches in the area around 50m north-east of the broken section of the bridge. Prior to this work taking place two SES sappers had visually checked the area. The SMM also saw workers attaching wires to a number of telegraph posts on the eastern side of the newly laid road. Four workers were also clearing large tree trunks on the western side of the main road where a service road is being built towards the broken section of the bridge.

On the morning of 16 September, the SMM saw two workers from non-government-controlled areas under the upper-section of the broken section of the bridge removing damaged metal sheets from the body of the bridge and repairing them using welding equipment. The SMM also saw two members of the armed formations cutting branches, 100m south-west of the broken section of the bridge.

### **Other disengagement areas<sup>4</sup>**

On 14 September, on the road between Bohdanivka (government-controlled, 41km south-west of Donetsk) and Viktorivka (non-government-controlled, 42km south-west of Donetsk), an SMM mini-unmanned aerial vehicle (UAV) spotted for the first time 38 anti-tank mines (TM-62) laid in four rows on top of remnants of anti-tank mines assessed as detonated or burned due to a fire in the area (for previous observations in the area, see [SMM Daily Report 14 September 2019](#)).

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<sup>4</sup> Disengagement is foreseen in the [Framework Decision of the Trilateral Contact Group relating to disengagement of forces and hardware](#) of 21 September 2016.

About 150m east on the same road, the UAV also spotted 18 anti-tank mines (TM-62) laid across the road and extending north and south to nearby fields.

On 15 September, an SMM long-range UAV spotted an armoured personnel carrier (APC) (BTR variant) under camouflage about 1.2km south of the Petrivske disengagement area's northern edge and about 1.2km west of its eastern edge, assessed as belonging to the Ukrainian Armed Forces. The UAV also spotted an armoured combat vehicle (ACV) under camouflage, about 700m west of the aforementioned APC (for previous observations in the area, see [SMM Daily Report 10 September 2019](#)).

On the night of 15 to 16 September, the SMM camera in Zolote (government-controlled, 60km west of Luhansk), recorded two projectiles in flight at an assessed range of 2-4km south-south-east. One projectile was assessed as inside the disengagement area. The SMM was unable to assess whether the second projectile was inside or outside the disengagement area.

### **Withdrawal of weapons**

The SMM continued to monitor the withdrawal of weapons in implementation of the Memorandum and the Package of Measures and its Addendum.

On 16 September, the Mission observed four weapons in violation of withdrawal lines (for more details see the below tables for weapons in violation of withdrawal lines and weapons observed beyond withdrawal lines but outside designated storage sites).

### **Indications of military and military-type presence in the security zone<sup>5</sup>**

#### *Government-controlled areas*

8 September

Aerial imagery available to the SMM revealed the presence of an extension to an existing trench running for about 50m west to east near Vodiane (94km south of Donetsk), assessed as belonging to the Ukrainian Armed Forces (not seen in imagery from 25 August 2019).

14 September

An SMM mini-UAV spotted:

- an infantry fighting vehicle (IFV) (BTR-3E) under camouflage in Stanytsia Luhanska (16km north-east of Luhansk) and
- an APC (probable BTR variant) in Luhansk city.

15 September

An SMM mini-UAV spotted an ACV under camouflage in Zolote (60km west of Luhansk).

An SMM long-range UAV spotted:

- an ACV near Slavne (26km south-west of Donetsk);
- four IFVs (two BMP-1 and two BMP variants) near Berezove (31km south-west of Donetsk);
- an IFV (BMP-1) near Taramchuk (29km south-west of Donetsk); and

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<sup>5</sup> The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

- an IFV (BMP-2) and an APC (BTR variant) near Heorhiievka (27km south-west of Donetsk).

16 September

The SMM saw an IFV (BMP-1) near Bobrove (56km north-west of Luhansk).

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

13 September

An SMM mini-UAV spotted an ACV and an IFV (BMP variant) near Bila Kamianka (51km south of Donetsk).

16 September

An SMM long-range UAV spotted eight ACVs near Starolaspa (51km south of Donetsk).

#### **Weapons permanent storage sites**

##### *At a permanent storage site in a non-government-controlled area of Luhansk region*

16 September

The SMM noted that seven tanks (T-72), one mortar (2B14 *Podnos*, 82mm) and four towed howitzers (D-30 *Lyagushka*, 122mm) were missing.

#### **Impact craters in Roza**

On 14 September, an SMM mini-UAV spotted seven impact craters (not seen in imagery from 9 August 2019), about 100m-130m from civilian houses, assessed as caused by probable 122mm artillery rounds fired from a north-westerly direction (for previous observations in the area, see [SMM Daily Report 11 September 2019](#)).

#### **Presence of mines near Bila Kamianka and Pikuzy**

On 13 September, an SMM mini-UAV [again](#) spotted 14 anti-tank mines (TM-62) laid across a road leading from Bila Kamianka (non-government-controlled, 51km south of Donetsk) to Starohnativka (government-controlled, 51km south of Donetsk), all assessed as belonging to the armed formations.

On 14 September, an SMM mid-range UAV spotted for the first time 25 anti-tank mines laid in two rows, running about 50m north, and two probable mine hazard signs about 250m north of Pikuzy (formerly Kominternove, non-government-controlled, 92km south of Donetsk), near the most forward positions of the armed formations.

#### **SMM facilitation of repairs to and the operation of civilian infrastructure**

The Mission continued to facilitate the operation of the Donetsk Filtration Station (15km north of Donetsk) and monitor the security situation around the pumping station near Vasylivka (non-government-controlled, 20km north of Donetsk).

The Mission also monitored the ceasefire regime to enable repairs to power lines in Spartak (non-government-controlled, 9km north of Donetsk).

#### **SMM monitored gatherings in Kharkiv**

On 15 September the SMM monitored the Kharkiv Pride Equality March and alternative marches that took place in Liberty Square in Kharkiv city. The SMM saw about 2,500 police officers and National Guard policing the event. At 13:00 about 120 men (20-30 years old) gathered in the square holding Ukrainian, “Freikorps”, and “Tradition and Order” flags and a red-and-black flag. About 25 of them were wearing black balaclavas. Representatives of “Freikorps” and “Tradition and Order” then gave speeches. As people were gathering, the SMM saw eight members of “Freikorps” physically knock a male participant in the “Pride” march to the ground. At the same time about 20 police officers arrived on the scene and moved the “Freikorps” group away.

At 13:45, participants in the “Pride” march started gathering (about 1,400 people, 75 per cent women, mainly 20–40 years old). They were carrying “Pride” flags and banners with slogans in Ukrainian. At 14:15 the “Pride” march, followed by the alternative groups, commenced escorted by a row of police on both sides. Shortly after the march started, on Liberty Square, the SMM saw six members of “Right Sector” attack a male participant in the “Pride” march. Ten police officers quickly intervened and separated the group from the individual. At 15:10 the “Pride” march completed its route and the participants dispersed.

At about midday, in Constitution Square, the SMM monitored two other gatherings. About 70 people (mixed age and gender) carrying flags of the “Tradition and Order” organization and two flags of “National Christian Front”, and about 100 Christian Orthodox followers (the majority women, between 25 and 70 years old) gathered peacefully in the square, monitored by up to 20 Police officers. Representatives of local churches later gave speeches.

After the march, in Liberty Square, the SMM saw ten masked men (20 to 30 years old) physically assault and verbally abuse five persons from the “Pride” march (two men, three women, in their twenties). After about 15 minutes police officers arrived at the scene and became involved in a scuffle with about 30 masked men as they attempted to detain one of the group.

The Mission continued monitoring in Kherson, Odessa, Lviv, Ivano-Frankivsk, 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 below). 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 in Petrivske (non-government-controlled, 41km south of Donetsk), a member of the armed formations [again](#) denied the SMM passage, citing “on-going work in the area”, restricting the SMM’s access to its camera.
- At a checkpoint west of Verkhnohyrokiivske (formerly, Oktiabr, non-government-controlled, 85km south of Donetsk), an armed member of the armed formations [again](#) denied the SMM passage citing “ongoing work in the area”. The SMM saw, however, that civilian vehicles continued to cross the checkpoint.
- At a checkpoint west of Verkhnohyrokiivske, an armed member of the armed formations asked the SMM to wait until he had received instructions from a superior. After 49 minutes of waiting without receiving any further information the SMM left the area.

*Regular restrictions related to disengagement areas and mines/UXO:*

- The sides continued to deny the SMM full access to disengagement areas near Zolote and Petrivske, 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 and UXO.

Other impediments:

- On the evening of 15-16 September, an SMM long-range UAV lost its GPS signal due to signal interference, assessed as caused by probable jamming, on three occasions, while flying over government and non-government-controlled areas of central and southern Donetsk region.<sup>6</sup>

**Tables of weapons as of 16 September 2019**

Weapons in violation of withdrawal lines:

Date	No. of weapons	Type of weapon	Location	Source of observation
<b>Non-government-controlled areas</b>				
16/09/2019	2	Towed howitzers (D-30 <i>Lyagushka</i> , 122mm),	In Sofiiivka (formerly Karlo-Marksove, 40km north-east of Donetsk)	Patrol
16/09/2019	2	Self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm)	Near Bile (22km west of Luhansk)	Patrol

<sup>6</sup> The interference could have originated from anywhere within a radius of kilometres from the UAVs’ positions.

Beyond withdrawal lines but outside of designated storage sites:

<b>Date</b>	<b>No. of weapons</b>	<b>Type of weapons</b>	<b>Location</b>	<b>Source of observation</b>
<b>Government-controlled areas</b>				
16/09/2019	25	Tank (T-64)	At a railway station in Pokrovsk (formerly Krasnoarmiisk, 55km north-west of Donetsk)	Patrol
15/09/2019	2	Tank (probable T-72)	Yablunivka (49km north of Donetsk)	Long-range UAV
16/09/2019	6	Self-propelled howitzers (2S1 <i>Gvozdika</i> , 122mm)	Near Rubizhne (84km north-west of Luhansk)	Patrol



**Table of ceasefire violations as of 16 September 2019<sup>7</sup>**

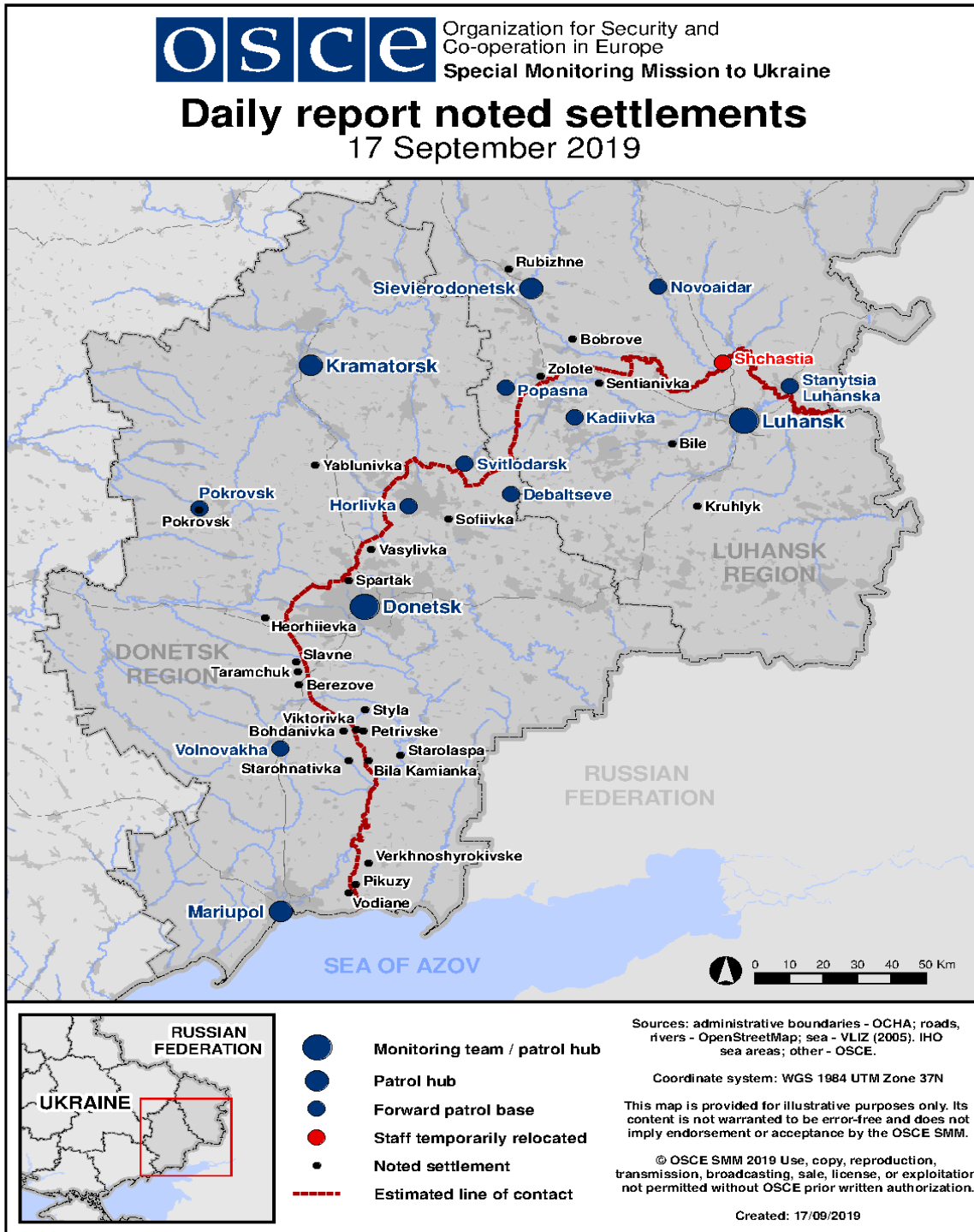
SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-3km SSW	Recorded	3	Projectile	In vertical flight, also recorded by Avdiivka camera	N/K	15-Sep, 20:55
	1-3km SSW	Recorded	2	Projectile	In vertical flight, also recorded by Avdiivka camera	N/K	15-Sep, 20:56
	1-3km SSW	Recorded	1	Projectile	NW to SE (also recorded by Avdiivka camera)	N/K	15-Sep, 23:04
	1-3km SSW	Recorded	2	Projectile	WNW to ESE (also recorded by Avdiivka camera)	N/K	16-Sep, 00:06
	1-3km SSW	Recorded	1	Projectile	WNW to ESE (also recorded by Avdiivka camera)	N/K	16-Sep, 00:10
	1-3km SSW	Recorded	1	Projectile	In vertical flight, also recorded by Avdiivka camera	N/K	16-Sep, 00:10
	1-3km SSW	Recorded	1	Projectile	WNW to ESE (also recorded by Avdiivka camera)	N/K	16-Sep, 00:11
	0.5-1km S	Recorded	1	Projectile	W to E	N/K	16-Sep, 04:30
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	3-5km E	Recorded	1	Illumination flare	Also recorded by Pyshchevyk and Lomakyne cameras	N/K	16-Sep, 00:00
	2-4km E	Recorded	1	Illumination flare	Also recorded by Pyshchevyk and Lomakyne cameras	N/K	16-Sep, 00:50
	4-6km E	Recorded	1	Illumination flare	Also recorded by Lomakyne camera	N/K	16-Sep, 01:50
	3-5km E	Recorded	1	Illumination flare	Also recorded by Lomakyne camera	N/K	16-Sep, 03:16
SMM camera in Hranitne (government-controlled, 60km S of Donetsk)	2-4km E	Recorded	1	Projectile	NNW to SSE	N/K	15-Sep, 23:57
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	16-Sep, 02:03
	1-3km E	Recorded	2	Projectile	N to S	N/K	16-Sep, 02:08
	1-3km ENE	Recorded	2	Projectile	N to S	N/K	16-Sep, 02:09
	2-4km E	Recorded	1	Explosion	Airburst	N/K	16-Sep, 02:24
	2-4km E	Recorded	2	Projectile		N/K	16-Sep, 03:36
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km	2-3km N	Recorded	8	Projectile	SW to NE	N/K	15-Sep, 21:33
	2-3km N	Recorded	5	Projectile	SE to NW	N/K	15-Sep, 21:33
	2-3km N	Recorded	1	Projectile	SE to NW	N/K	15-Sep, 21:34
	2-3km N	Recorded	3	Muzzle flash		N/K	15-Sep, 21:34
	2-3km N	Recorded	7	Projectile	WSW to ENE	N/K	15-Sep, 21:34

<sup>7</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.

SW of Donetsk)							
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	3-5km S	Recorded	2	Projectile	NE to SW	N/K	15-Sep, 21:13
	3-5km SSE	Recorded	1	Projectile	NE to SW	N/K	15-Sep, 21:50
	3-5km S	Recorded	1	Projectile	NE to SW	N/K	15-Sep, 22:01
	3-5km SSE	Recorded	3	Projectile	NE to SW	N/K	15-Sep, 22:06
	3-5km SSE	Recorded	1	Projectile	ENE to WSW	N/K	15-Sep, 22:13
	3-5km SSE	Recorded	2	Projectile	ENE to WSW	N/K	15-Sep, 22:30
	3-5km S	Recorded	1	Illumination flare	In vertical flight	N/K	15-Sep, 22:33
	3-5km S	Recorded	1	Illumination flare	In vertical flight	N/K	15-Sep, 22:35
	3-5km S	Recorded	1	Illumination flare	In vertical flight	N/K	15-Sep, 23:10
	3-5km S	Recorded	1	Illumination flare	In vertical flight	N/K	15-Sep, 23:23
	3-5km SSE	Recorded	2	Projectile	NE to SW	N/K	15-Sep, 23:32
	3-5km SSW	Recorded	1	Explosion	Undetermined	N/K	16-Sep, 00:00
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-7km ESE	Recorded	2	Projectile	NW to SE	N/K	15-Sep, 22:11
	5-7km ESE	Recorded	1	Projectile	SE to NW	N/K	15-Sep, 23:38
	5-7km ESE	Recorded	1	Explosion	Undetermined,	N/K	15-Sep, 23:38
	5-7km E	Recorded	1	Projectile	In vertical flight	N/K	16-Sep, 00:19
	5-7km E	Recorded	1	Explosion	Airburst, Subsequent to previous event	N/K	16-Sep, 00:19
	5-7km E	Recorded	1	Projectile	In vertical flight	N/K	16-Sep, 00:23
About 1km E of Kruta Balka (non-government-controlled, 16km N of Donetsk)	2-3km W	Heard	6	Burst		Small arms	16-Sep, 10:55
	2-3km W	Heard	1	Shot		Small arms	16-Sep, 11:04
	2-3km W	Heard	7	Shot		Small arms	16-Sep, 11:08
	2-3km W	Heard	5	Burst		HMG	16-Sep, 11:08
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km S	Heard	1	Explosion	Undetermined	N/K	16-Sep, 13:55
	2-3km N	Heard	1	Explosion	Undetermined	N/K	16-Sep, 14:25
	2-3km N	Heard	1	Explosion	Undetermined	N/K	16-Sep, 14:45
About 3.5km NW of Vuhlehirsk (non-government-controlled, 49km NE of Donetsk)	5km NW	Heard	1	Explosion	Undetermined	N/K	16-Sep, 10:26
2km SW of Pyshevyk (government-controlled, 25km NE of Mariupol)	2-3km SSW	Heard	5	Burst		Small arms	16-Sep, 11:38
Chermalyk (government-controlled, 31km NE of Mariupol)	3-4km SE	Heard	10	Shot		Small arms	16-Sep, 12:06-12:08
	3-4km SE	Heard	2	Burst		Small arms	16-Sep, 12:06-12:08
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-5km SE	Heard	1	Explosion	Undetermined	N/K	15-Sep, 19:34
	2-5km SE	Heard	7	Burst		HMG	15-Sep, 20:05
	2-5km SE	Heard	8	Explosion	Undetermined	N/K	15-Sep, 21:11
	2-5km SE	Heard	3	Explosion	Undetermined	N/K	15-Sep, 22:21-22:24
	2-5km SE	Heard	2	Burst		HMG	15-Sep, 22:21-22:24
	2-5km SE	Heard	1	Explosion	Undetermined	N/K	15-Sep, 22:31
	2-5km SE	Heard	9	Burst		HMG	15-Sep, 22:44-22:48
	2-5km SE	Heard	1	Explosion	Undetermined	N/K	15-Sep, 22:44-22:48

	2-5km SE	Heard	3	Explosion	Undetermined	N/K	15-Sep, 23:36
	2-5km SE	Heard	3	Explosion	Undetermined	N/K	15-Sep, 23:44-23:46
	3-4km SSW	Heard	1	Explosion	Undetermined	N/K	16-Sep, 06:02
	3-4km SE	Heard	6	Burst		HMG	16-Sep, 06:02
	2-3km SE	Heard	3	Shot		Small arms	16-Sep, 06:02
	2-5km SE	Heard	9	Explosion	Undetermined	N/K	16-Sep, 12:43-12:49
	2-5km SE	Heard	4	Explosion	Undetermined	N/K	16-Sep, 13:14-13:21
	2-5km SE	Heard	13	Explosion	Undetermined	N/K	16-Sep, 15:33
	2-5km SE	Heard	1	Explosion	Undetermined	N/K	16-Sep, 16:12
	2-5km ESE	Heard	9	Explosion	Undetermined	N/K	16-Sep, 16:45
	2-5km SE	Heard	4	Explosion	Undetermined	N/K	16-Sep, 14:24-14:30
	2-5km SE	Heard	5	Explosion	Undetermined	N/K	16-Sep, 14:42-14:48
	2-4km SE	Heard	1	Explosion	Undetermined	N/K	16-Sep, 11:21
Horlivka (non-government-controlled, 39km NE of Donetsk)	3-4km NW	Heard	27	Burst		HMG	16-Sep, 06:40-07:05
	4-5km NW	Heard	2	Explosion	Undetermined	N/K	16-Sep, 07:24
	3-4km NW	Heard	4	Explosion	Undetermined	N/K	16-Sep, 08:00-08:05
	3-4km NW	Heard	3	Burst		HMG	16-Sep, 08:00-08:05
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2.5-4km SSE	Recorded	1	Projectile	N to S (unable to assess whether inside or outside the disengagement area)	N/K	15-Sep, 20:21
	2-4km SSE	Recorded	1	Projectile	NNE to SSW (assessed as inside the disengagement area)	N/K	16-Sep, 03:59
NW edge of Sentianivka (formerly Frunze, non-government-controlled, 44km W of Luhansk)	0-1km W	Heard	2	Explosion	Undetermined (Assessed as live-fire exercise)	N/K	16-Sep, 11:20-11:50
	0-1km W	Heard	86	Shot	Assessed as live-fire exercise	Small arms	16-Sep, 11:20-11:50
	0-1km W	Heard	40	Burst	Assessed as live-fire exercise	Small arms	16-Sep, 11:20-11:50
Kalynove (non-government-controlled, 60km W of Luhansk)	3-4km WNW	Heard	2	Explosion	Undetermined		16-Sep, 12:18-12:33
1.5km N of Kruhlyk (non-government-controlled, 31km SW of Luhansk)	1-1.2km W	Heard	100	Shot	Assessed by the patrol as live-fire exercise at Kruhlyk training area	Small arms	16-Sep, 12:20-12:50
W edge of Pervomaisk (non-government-controlled, 58km W of Luhansk)	3-4km SSW	Heard	3	Explosion	Undetermined	N/K	16-Sep, 14:10-14:21

### Map of Donetsk and Luhansk regions<sup>8</sup>



<sup>8</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).