

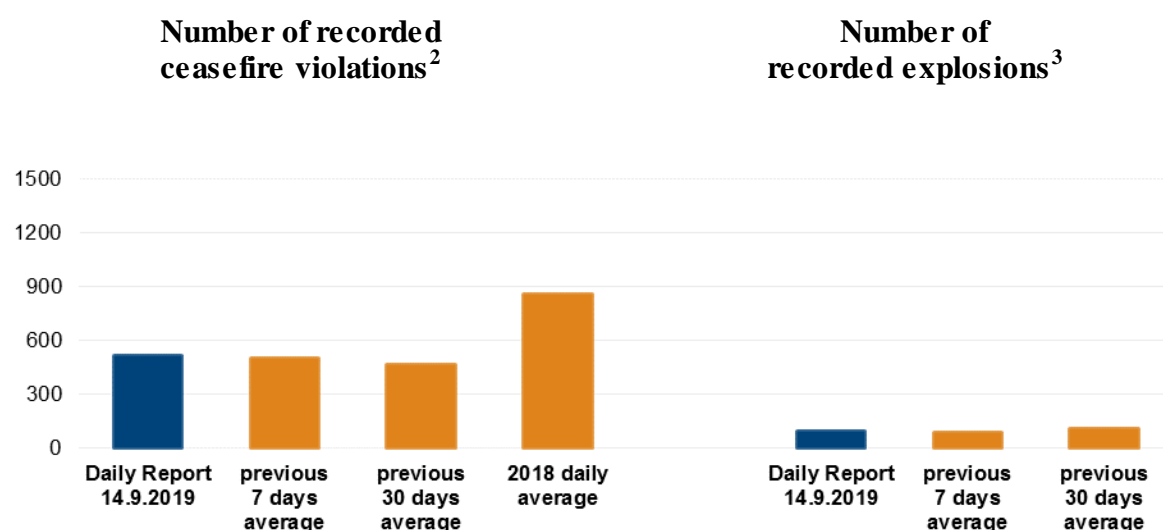
# Daily Report 218/2019

14 September 2019<sup>1</sup>

## Summary

- Compared with the previous reporting period, the SMM recorded fewer ceasefire violations in Donetsk region and more in Luhansk region.
- The Mission followed up on reports of an injury caused to a woman in Staromykhailivka and saw damage to civilian houses due to shelling in the settlement.
- Inside the Stanytsia Luhanska disengagement area, the Mission saw workers from government-controlled areas clearing debris north of and near the broken section of the bridge, and workers from non-government-controlled areas removing former firing positions and carrying out road repairs.
- The Mission monitored adherence to the ceasefire to facilitate repairs to and the operation of essential civilian infrastructure, including power lines repair near Holmivskyi, sewage collection repair works near Novoluhanske, the drilling of wells in Raivka and maintenance works on the Phenol Sludge Reservoir near Zalizne.
- Restrictions of the Mission's access continued, including at a border crossing point near Izvaryne and at checkpoints in Petrivske and near Zaichenko, all in non-government-controlled areas.\*

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



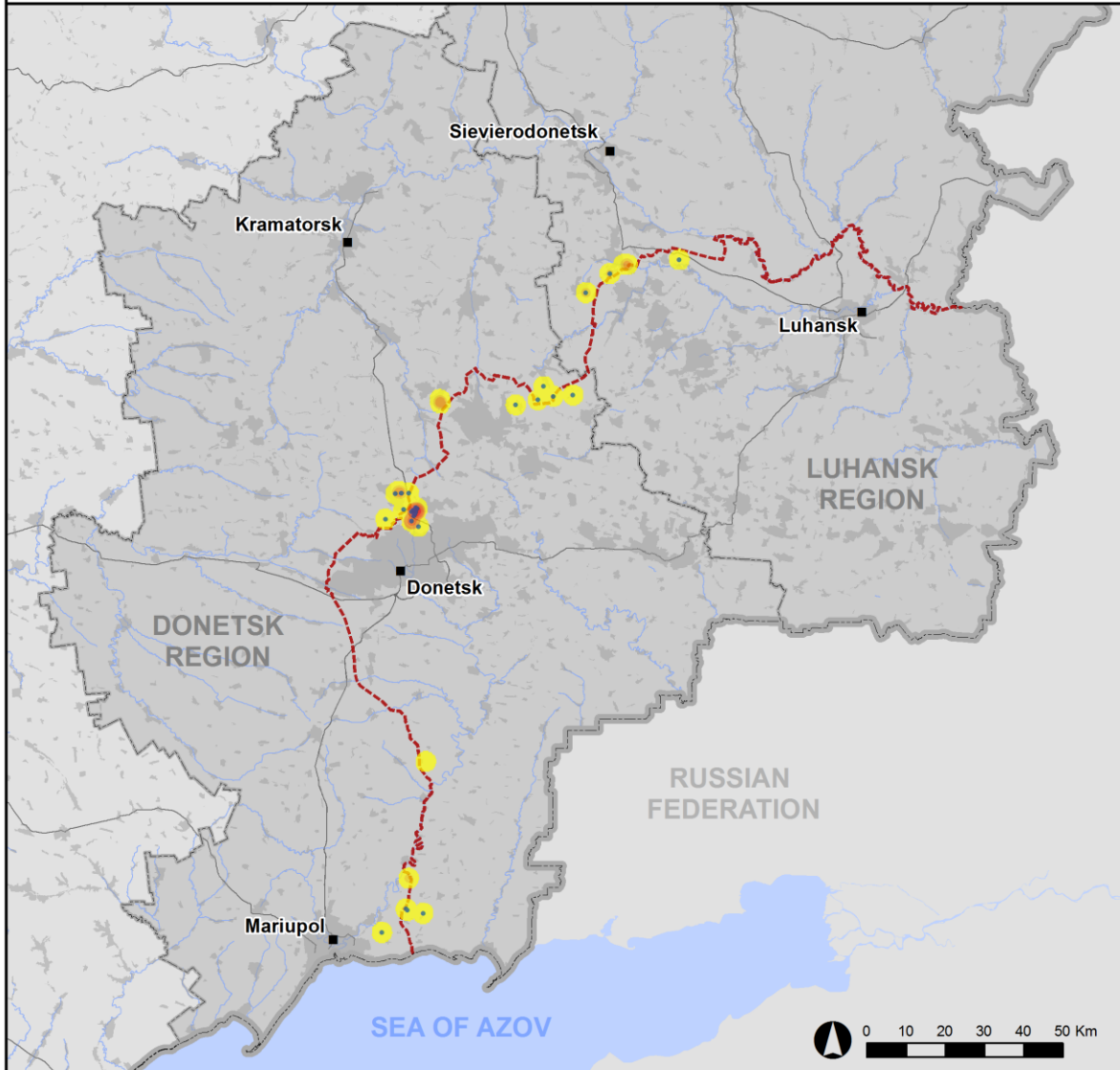
## Map of recorded ceasefire violations

<sup>1</sup> For a complete breakdown of ceasefire violations, please see the annexed table. During the reporting period, the SMM camera Chermalyk was not operational.

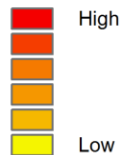
<sup>2</sup> Including explosions.

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

## Ceasefire violations observed by the SMM 13 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: 14/09/2019

In Donetsk region, the SMM recorded fewer ceasefire violations, including, fewer explosions (about 80), compared with the [previous reporting period](#) (about 210). The majority of ceasefire violations, including the majority of explosions, were recorded south-west of Yasynuvata (non-government-controlled, 16km north east of Donetsk) and at southerly directions of Pyshechyk (government-controlled, 25km north-east of Mariupol).

In Luhansk region, the SMM recorded more ceasefire violations, however, fewer explosions (13), compared with the [previous reporting period](#) (30 explosions). The majority of the ceasefire violations were recorded near the disengagement area near Zolote (government-controlled, 60km west of Luhansk) (see below) and at southerly directions of Popasna (government-controlled, 69km west of Luhansk).

### **Woman injured due to shelling in Staromykhailivka**

The SMM followed up on reports of a woman injured on 10 September in Staromykhailivka (non-government-controlled, 15km west of Donetsk). On 12 September, at Hospital No. 24 in Donetsk city (non-government-controlled), medical staff told the SMM that, on the evening of 10 September, a woman was admitted to the hospital with shrapnel embedded in her right heel.

On 13 September the SMM visited the woman (55 years old) at her home address, 1A Chkalova Street in Staromykhailivka (see below) and observed that her right heel was bandaged. The woman said that on the evening of 10 September she had been with her son (20 years old) outside her house when she heard shelling. She and her son took cover between the house and the garage. She added that the roof of the latter was hit and she was injured while her son only received a scratch on his right hip from shrapnel.

### **Damage due to shelling to civilian houses in Staromykhailivka**

On 13 September, in Staromykhailivka, the SMM observed damage to six civilian houses. At 1A Chkalova Street (see above) the SMM saw a hole on the north-east facing asbestos roof of a one-storey residential house and broken roof sheets around it. The SMM also saw what appeared to be a fresh hole on the west-facing brick wall of the house.

About 3m north of the house, the SMM saw two holes on the north-north-east facing wall of a one-storey garage and a hole on its north-west facing metal door. A wooden fence 2-3m north-west of the garage had several broken planks. The SMM assessed the damage as fresh and caused by rounds (undetermined weapon type) from a north-westerly direction.

About 70m south-east of the above address, the SMM observed damage to two other houses at 2 and 4 Komarova Street. At 2 Komarova Street the SMM saw two holes in the west-north-west facing roof of the house. At 4 Komarova Street, the SMM saw two holes in the west-north-west facing and north-west facing walls, respectively, of two garages adjacent to the house. The SMM did not assess the damage as recent and was unable to assess the cause.

At 16 Komarova Street, the SMM saw a hole (1m wide) in the west-north-west facing roof of a one-storey house with an attic. The SMM also saw a hole which appeared to be fresh on the east-south-east facing metal roof. The SMM assessed that the roof had been penetrated by an object that had exploded in the attic of the house. It assessed that the second hole was caused by an undetermined object coming from a north-westerly direction. The resident (a woman in her sixties), told the SMM that shelling had occurred on 10 September at about 18:00. At the time, she said, there were six people, including two children, in the house.

### **Small-arms fire assessed as directed at SMM unmanned aerial vehicles (UAV) near Pyshevyk and Starohnativka**

Positioned about 1km north-east of Pyshevyk (government-controlled, 25km north-east of Mariupol) while conducting a mini-UAV flight, the SMM heard about ten bursts of small-arms fire about 3-4km north-east of its position, assessed as in the direction of the UAV, which was also flying about 3.4km north-east. At the same time that the shots were heard the UAV experienced signal interference assessed as caused by probable jamming (see below).

Positioned about 3km east of Starohnativka (government-controlled, 51km south of Donetsk), while conducting a mini-UAV flight, the SMM heard six bursts of small-arms fire about 3-4km east of its position, assessed as in the direction of the UAV, which was also flying about 3km east, near Bila Kamianka (non-government-controlled, 51km south of Donetsk).

In both cases the UAV was safely recovered with no damage.

### **Stanytsia Luhanska disengagement area**

On the morning of 13 September, the SMM observed five demining personnel of the State Emergency Service (SES) of Ukraine conducting a sweep of around 500sq meter area on the eastern and western sides of the broken section of the Stanytsia Luhanska bridge (15km north of Luhansk). The SMM saw then seven workers entering the area with a tractor and a dump truck to load scrap metal and remove tree stumps and other debris. The SMM also observed workers clearing the 100sqm space immediately adjacent to the east side of the broken section of the bridge of wooden logs and tree stumps.

On the afternoon of 12 September the SMM saw five members of the armed formations working 20-30m south on the western side of the broken section of the bridge, who then lit a fire to burn tree branches and garbage. The SMM also saw workers from non-government-controlled areas welding the metal components of the upper part of the Stanytsia Luhanska bridge, south of the broken section.

On the morning of 13 September, the SMM saw members of the armed formations starting to disassemble a former machine-gun firing position, comprised of concrete blocks and a concrete roof, around 40m south of the bridge using a crane and two trucks. The position was then re-assembled about 60m north-west of the Prince Ihor monument. The SMM also saw members of the armed formations removing a layer of tyres from the roof of a fortification near the southern edge of the bridge and placing them on the western side of the road.

The SMM also saw workers, one road roller, two tractors, one minibus and one bus, belonging to a road construction enterprise preparing the road and the bridge, south of the broken section, for re-pavement. Later, it saw a truck with asphalt arrive at the site after which the workers began repairing the road on the asphalt surface of the bridge and the road leading to the bridge from non-government-controlled area. The SMM also observed one welder in green uniform conducting welding repairs on the bridge on north-west side near the broken section of the bridge.

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

Between 12.50 and 12.58 on 12 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-UAV spotted the remnants of between 22 and 25 [previously reported](#) anti-tank mines (TM-62) (assessed as belonging to the Ukrainian Armed Forces), about 150m north of the northern edge of the disengagement area near Petrivske (non-government-controlled, 41km south of Donetsk). The SMM assessed that they had detonated or were burnt due to a fresh fire in the area.

On 12 September inside the disengagement area near Zolote (government-controlled, 60km west of Luhansk) the SMM observed four Ukrainian Armed Forces soldiers, at least one of them was armed with an automatic rifle (AK-47).

On 13 September, while travelling along the T-1316 road inside the disengagement area near Zolote, the SMM [again](#) saw a remnant of a 120mm mortar tailfin, embedded on the ground on the eastern edge of the road between positions of the Ukrainian Armed Forces and the armed formations. The SMM also saw ten [previously reported](#) anti-tank mines by the north-western side of the railway bridge, as well as two anti-tank mines about 20m north of the railway bridge. The SMM travelled south until it saw [again](#) a “barely visible obstacle” (MZP) stretched across the road, thus rendering it impossible for the Mission to cross through the disengagement area.

On the night of 12 September, the SMM camera in Zolote recorded 25 projectiles in flight, at an assessed range of 2-4km east and south-west, assessed as outside the disengagement area but within its 5km periphery and three undetermined explosions at an assessed range of 2-3km south-south-west (unable to assess whether 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.

The Mission observed 30 weapons in violation of withdrawal lines (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*

12 September

An SMM long-range UAV spotted:

- an armoured combat vehicle (ACV) near Myronivskiyi (62km north-east of Donetsk) and
- an ACV near Svitlodarsk (57km north-east of Donetsk).

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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.

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

13 September

The SMM saw:

- an armoured personnel carrier (BTR-80) near Zolote-2/Karbonit (62km west of Luhansk).

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

11 September

An SMM mini-UAV spotted:

- four infantry fighting vehicles (IFV) (BMP-1) near Lobacheve (13km east of Luhansk).

13 September

The SMM saw:

- on the road between Petrivske and Styla (non-government-controlled, 34km south of Donetsk), about 2.5km north-east of the Petrivske disengagement area, a freshly made trench 1m west of the road and running parallel to the road for about 10m. On the road, next to the trench, the SMM saw at least five members of the armed formations.
- an IFV near Dovhe (22km north-west of Luhansk).

An SMM long-range UAV spotted an ACV near Nyzhnie Lozove (59km north-east of Donetsk).

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

The SMM monitored adherence to the ceasefire to enable repairs to power lines near Holmivskiyi (non-government-controlled, 49km north-east of Donetsk), to the sewage system near Novoluhanske (government-controlled, 53km north-east of Donetsk), maintenance works on the Phenol Sludge Reservoir near Zalizne (formerly Artemove, government-controlled, 42km north-east of Donetsk) and the drilling of wells in Raivka (non-government-controlled, 16km north-west of Luhansk).

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).

#### **Border areas not under government control**

While at a border crossing point near Izvaryne (52km south-east of Luhansk), the SMM saw a truck with Belarusian licence plates enter Ukraine and 52 cars (19 with Ukrainian, 22 with Russian Federation, two with Georgian, and one with Polish licence plates as well as two with “DPR” and six with “LPR” plates), 28 covered cargo trucks (11 with Ukrainian and three with Belarusian licence plates, as well as two with “DPR” and 12 with “LPR” plates) and four pedestrians (mixed ages and genders) queueing to exit Ukraine. After five minutes, a member of the armed formations asked the SMM to leave (see below).

While at a border crossing point at Verkhnoharasymivka (57km south-east of Luhansk) for about 40 minutes, the SMM saw six pedestrians (mixed ages and genders) entering Ukraine and six pedestrians (mixed ages and genders) exiting Ukraine.



## **\*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 engineering activity in the area”, restricting the SMM's access to its camera.
- At a checkpoint 800m north of Zaichenko (non-government-controlled, 26km north-east of Mariupol), a member of the armed formations [again](#) denied the SMM passage westward or southward, citing “ongoing shelling in Pikuzy” (formerly Kominternove, non-government-controlled, 23km north-east of Mariupol).
- At a border crossing point near Izvaryne (non-government-controlled, 52km south-east of Luhansk), an armed member of the armed formations [again](#) told the SMM to leave 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.

### Delay:

- At a checkpoint west of Verkhnohyrokiivske (formerly Oktiabr, non-government-controlled, 29km north-east of Mariupol), an unarmed member of the armed formations [again](#) allowed the SMM to proceed only after about 20 minutes of waiting.
- At a checkpoint in Nova Marivka (non-government controlled, 64km south of Donetsk), an armed member of the armed formations [again](#) allowed the SMM to proceed only after about 28 minutes of waiting.

### Other impediments:

- On the evening of 12 September, on one occasion, an SMM long-range UAV experienced GPS signal interference, assessed as due to probable jamming, while flying near Stepanivka (government-controlled, 54km north of Donetsk), and on three occasions it experienced dual GPS signal interference, assessed as due to jamming,

while flying over government- and non-government controlled areas of Donetsk region.<sup>6</sup>

- On 13 September an SMM mini-UAV experienced GPS signal interference, assessed as due to probable jamming while flying near Pyshchevyk (government-controlled, 25km north-east of Mariupol). At the same time as the probable jamming, the SMM heard about ten bursts of small-arms fire about 3-4km north-east of its position, assessed as aimed at the UAV (see above).
- On 13 September while positioned about 3km east of Starohnativka (government-controlled, 51km south of Donetsk), conducting a mini-UAV flight, the SMM heard six bursts of small-arms fire about 3-4km east of its position, assessed as aimed at the UAV, which was also flying about 3km east, near Bila Kamianka (non-government-controlled, 51km south of Donetsk) (see above).
- On 13 September on two occasions, while flying near to the Kuibyshevskiyi district of Donetsk city (non-government-controlled, 5km west of Donetsk city centre) an SMM mini-UAV experienced GPS signal interference, assessed as due to probable jamming.

### Tables of weapons as of 13 September 2019

#### Weapons in violation of withdrawal lines:

Date	No. of weapons	Type of weapon	Location	Source of observation
<b>Government-controlled areas</b>				
12/09/2019	1	Self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm)	Near Sukha Balka (36km north of Donetsk)	Long-range UAV
	1	Self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm)	Near Panteleimonivka (34km north of Donetsk)	
<b>Non-government-controlled areas</b>				
12/09/2019	3	Tanks (two T-64B and one T-72)	In Luhansk city	Mini-UAV
09/09/2019	24	Self-propelled howitzers	In a training area near Shymshynivka (27km south-west of Luhansk)	Satellite imagery
09/09/2019	1	Towed howitzer	In a training area near Shymshynivka (27km south-west of Luhansk)	Satellite imagery

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

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



Date	No. of weapons	Type of weapons	Location	Source of observation
<b>Government-controlled areas</b>				
13/09/2019	4	Tank (T-64)	Kostiantynivka (government-controlled, 60km north of Donetsk)	Patrol
13/09/2019	18	Tank (T-64)	Zatyshne (64km south-west of Donetsk)	mini-UAV
	1	Surface-to-air missile system (9K35 <i>Strela-10</i> )		
	1	Probable surface-to-air missile system (9K35 <i>Strela-10</i> )		
<b>Non-government-controlled areas</b>				
09/09/2019	2	Tank	In a training area near Shymshynivka (27km south-west of Luhansk).	Satellite imagery
09/09/2019	36	Tank	In a training area near Ternove (57km east of Donetsk)	Satellite imagery

**Table of ceasefire violations as of 13 September 2019<sup>7</sup>**

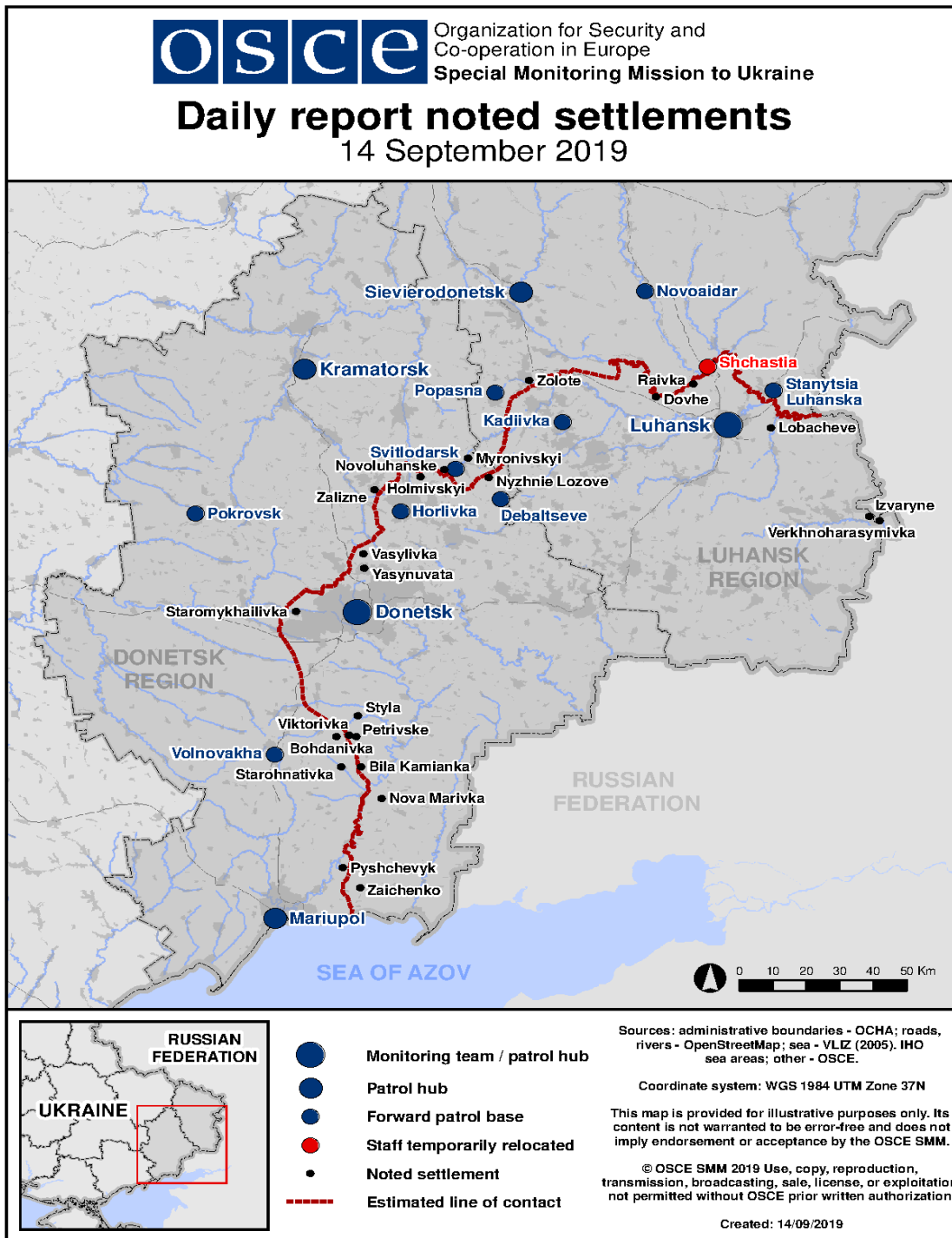
SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-4km SSE	Recorded	1	Projectile		N/K	12-Sep, 21:25
	2-4km SE	Recorded	1	Illumination flare	In vertical flight	N/K	12-Sep, 22:01
	3-5km SE	Recorded	1	Projectile		N/K	12-Sep, 23:17
	2-4km SSE	Recorded	1	Projectile		N/K	12-Sep, 23:33
	2-4km SSE	Recorded	1	Projectile		N/K	12-Sep, 23:35
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-3km SSW	Recorded	2	Explosion	Undetermined	N/K	12-Sep, 20:48
	1-3km SSW	Recorded	2	Explosion	Undetermined	N/K	12-Sep, 21:04
	2-4km S	Recorded	1	Illumination flare	In vertical flight	N/K	12-Sep, 21:04
	0.5-1.5km SSE	Recorded	1	Projectile		N/K	12-Sep, 21:13
	0.5-1.5km SSE	Recorded	1	Projectile		N/K	12-Sep, 21:32
	0.5-1.5km SSE	Recorded	1	Projectile		N/K	12-Sep, 22:22
	0.5-1km SSE	Recorded	1	Projectile		N/K	12-Sep, 22:57
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	3-5km ENE	Recorded	6	Projectile		N/K	12-Sep, 20:05
	3-5km ENE	Recorded	19	Projectile		N/K	12-Sep, 20:41
	3-8km ESE	Recorded	7	Projectile		N/K	12-Sep, 23:09
	3-8km ESE	Recorded	3	Projectile		N/K	12-Sep, 23:22
	3-8km ESE	Recorded	5	Projectile		N/K	13-Sep, 23:52
	3-5km ESE	Recorded	1	Projectile		N/K	13-Sep, 23:54
	3-5km ESE	Recorded	3	Projectile		N/K	13-Sep, 00:21
	1-3km E	Recorded	5	Projectile		N/K	12-Sep, 20:58
	1-3km E	Recorded	1	Explosion	Undetermined	N/K	12-Sep, 21:07
	2-4km E	Recorded	1	Explosion	Airburst	N/K	12-Sep, 21:47
	1-3km E	Recorded	4	Projectile		N/K	12-Sep, 21:54
	1-3km E	Recorded	2	Projectile	In vertical flight	N/K	12-Sep, 21:54
	1-3km E	Recorded	4	Projectile		N/K	12-Sep, 21:54
	1-3km E	Recorded	5	Projectile		N/K	12-Sep, 21:57
	1-3km E	Recorded	1	Projectile		N/K	12-Sep, 21:57
	1-3km E	Recorded	1	Projectile		N/K	12-Sep, 21:57
	2-4km E	Recorded	1	Explosion	Airburst	N/K	12-Sep, 22:06
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	13-Sep, 01:24
	2-4km ENE	Recorded	6	Projectile		N/K	13-Sep, 03:33
	2-5km E	Recorded	3	Explosion	Undetermined	N/K	13-Sep, 03:33
	2-5km E	Recorded	2	Explosion	Undetermined	N/K	13-Sep, 03:34
	2-5km E	Recorded	1	Illumination flare	In vertical flight	N/K	13-Sep, 03:51
	2-5km E	Recorded	1	Explosion	Undetermined	N/K	13-Sep, 03:51
	2-4km ENE	Recorded	12	Projectile		N/K	13-Sep, 04:02
	2-4km ENE	Recorded	7	Projectile		N/K	13-Sep, 04:03
SMM camera at entry-exit checkpoint in Pyshchevyk (government-controlled, 25km NE of Mariupol)	3-5km SSE	Recorded	1	Muzzle flash		N/K	12-Sep, 19:48
	3-5km S	Recorded	1	Explosion	Impact, subsequent to previous event	N/K	12-Sep, 19:50
	1-2km S	Recorded	3	Projectile		N/K	12-Sep, 20:18
	2-5km S	Recorded	3	Projectile		N/K	12-Sep, 20:19
	2-5km S	Recorded	8	Projectile		N/K	12-Sep, 20:19
	2-5km S	Recorded	1	Projectile		N/K	12-Sep, 20:19
	2-5km S	Recorded	7	Projectile		N/K	12-Sep, 20:20

<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.

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	2-5km S	Recorded	5	Projectile		N/K	12-Sep, 20:21
	2-5km SSE	Recorded	11	Projectile		N/K	12-Sep, 22:27
	2-5km S	Recorded	2	Projectile		N/K	12-Sep, 22:28
	2-5km S	Recorded	2	Projectile		N/K	12-Sep, 22:34
	2-5km S	Recorded	5	Projectile		N/K	12-Sep, 23:08
	2-5km SSE	Recorded	15	Projectile		N/K	12-Sep, 23:09
	2-5km SSE	Recorded	2	Projectile	In vertical flight	N/K	12-Sep, 23:09
	2-5km SSE	Recorded	3	Projectile		N/K	12-Sep, 23:21
	2-5km SSE	Recorded	9	Projectile		N/K	12-Sep, 23:22
	2-5km SSE	Recorded	18	Projectile		N/K	12-Sep, 23:51
	2-5km SSE	Recorded	5	Projectile		N/K	12-Sep, 23:52
	2-5km S	Recorded	1	Explosion	Airburst	N/K	13-Sep, 01:48
	2-5km S	Recorded	8	Projectile		N/K	13-Sep, 04:19
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1.5-2km SSW	Heard	25	Shot		Small arms	13-Sep, 09:45
	5-6km S	Heard	1	Explosion	Undetermined	N/K	13-Sep, 11:44
	1km SW	Heard and saw	2	Explosion	Undetermined (Black smoke seen)	N/K	13-Sep, 14:20
	2-3km SSW	Heard	1	Explosion	Outgoing	N/K	13-Sep, 14:27
	2-3km SW	Heard and saw	1	Explosion	Impact	N/K	13-Sep, 14:27
	2-3km SSW	Heard	1	Explosion	Outgoing	N/K	13-Sep, 14:34
	2-3km SW	Heard and saw	1	Explosion	Impact	N/K	13-Sep, 14:34
	2-3km SSW	Heard	1	Explosion	Outgoing	N/K	13-Sep, 14:37
	2-3km SW	Heard and saw	1	Explosion	Impact	N/K	13-Sep, 14:37
	2-3km SSW	Heard	1	Explosion	Outgoing	N/K	13-Sep, 14:39
	2-3km SW	Heard and saw	1	Explosion	Impact	N/K	13-Sep, 14:39
	1km SSW	Heard and saw	5	Explosion	Impact	N/K	13-Sep, 14:40
	2km SSW	Heard	2	Explosion	Outgoing	N/K	13-Sep, 14:42-14:43
	2km SW	Heard and saw	2	Explosion	Impact	N/K	13-Sep, 14:42-14:43
	1.5-2km SSW	Heard	300	Shots and bursts	Assessed as exchange of fire SSW to SW and opposite	Small arms	13-Sep, 14:41-14:45
	2-3km SSW	Heard and saw	1	Explosion	Impact (black smoke seen)	N/K	13-Sep, 14:50
	2-3km SSW	Heard and saw	1	Explosion	Impact (black smoke seen)	N/K	13-Sep, 14:50
	4-5km SSW	Heard and saw	3	Explosion	Undetermined (black smoke seen)	N/K	13-Sep, 14:57
	4-5km SSW	Heard	40	Shot		Small arms	13-Sep, 15:00
	4-5km SSW	Heard	50	Burst		Small arms	13-Sep, 15:00
3km SSW	Heard	4	Explosion	Undetermined	N/K	13-Sep, 15:04	
1-2km SSW	Heard and saw	1	Burst	Assessed as air burst artillery	N/K	13-Sep, 15:04	
About 3km SSE of Lohvynove (non-government-controlled, 59km NE of Donetsk)	2-4km N	Heard	1	Explosion	Undetermined	N/K	13-Sep, 11:25
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	1-2km SE	Heard	Uncountable	Shot	Assessed as uncountable	HMG	13-Sep, 14:39-14:50
	1-2km SE	Heard	1	Explosion	Outgoing	N/K	13-Sep, 14:50
	1-2km SE	Heard	2	Explosion	Outgoing	N/K	13-Sep, 14:58
	4-6km SW	Heard	2	Explosion	Impact	N/K	13-Sep, 14:58
2km NE of Chernenko (government-controlled, 21km NE of Mariupol)	4-5km SE	Heard	2	Explosion	Undetermined	N/K	13-Sep, 09:40
	5km SE	Heard	5	Explosion	Undetermined	N/K	13-Sep, 10:56
1km NW of Pyshchevyk (government-controlled, 25km NE of Mariupol)	3-4km NE	Heard	10	Burst		Small arms	13-Sep, 10:55-11:05

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
1km NE Zaichenko (non-government-controlled, 26km NE of Mariupol)	N/K WSW	Heard	1	Explosion	Undetermined	N/K	13-Sep, 11:20
2km SE of Lomakyne (government-controlled, 15km NE of Mariupol)	N/K S	Heard	2	Explosion	Undetermined	N/K	13-Sep, 12:09
3km E of Starohnativka (government-controlled, 51km S of Donetsk)	3-4km E	Heard	6	Burst		Small arms	13-Sep, 12:57-13:05
Svitlodarsk (government-controlled, 57km NE of Donetsk)	6-9km SE	Heard	2	Explosion	Undetermined	N/K	12-Sep, 18:30-18:36
	3-5km SE	Heard	1	Explosion	Undetermined	N/K	13-Sep, 09:15
SW edge of Novoluhanske (government-controlled, 53km NE of Donetsk)	7-9km SE	Heard	1	Explosion	Undetermined	N/K	13-Sep, 09:18
	6-8km S	Heard	1	Explosion	Undetermined	N/K	13-Sep, 14:58
Wedge of Zalizne (government-controlled, 42km NE of Donetsk)	2-3km ENE	Heard	7	Burst		HMG	13-Sep, 11:39
	2-3km E	Heard	20	Burst	Possible anti-aircraft cannon(ZU-23,23mm)	Other	13-Sep, 11:39
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	2-3km SSE	Heard	1	Explosion	Undetermined	N/K	13-Sep, 13:45
	2-3km SSW	Heard	1	Explosion	Undetermined	N/K	13-Sep, 14:19
	2-3km SSW	Heard	1	Explosion	Undetermined	N/K	13-Sep, 14:29
	2-3km SSW	Heard	1	Explosion	Undetermined	N/K	13-Sep, 14:35
	2-3km SSW	Heard	6	Explosion	Undetermined	N/K	13-Sep, 14:37-14:46
	2-3km SW	Heard	12	Burst		HMG	13-Sep, 14:37-14:46
	2-3km SSW	Heard	2	Explosion	Undetermined	N/K	13-Sep, 14:51
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	3-4km SW	Heard	3	Explosion	Undetermined	N/K	13-Sep, 15:00-15:03
	2-3km SSW	Recorded	6	Projectile	WNW to ESE (unable to assess whether inside or outside the disengagement area)	N/K	12-Sep, 22:24
	2-3km SSW	Recorded	3	Explosion	Airburst (unable to assess whether inside or outside the disengagement area)	N/K	12-Sep, 22:24
	3-4km E	Recorded	3	Projectile	NW to SE (assessed as outside the disengagement area)	N/K	12-Sep, 22:28
	3-4km E	Recorded	7	Projectile	NW to SE (assessed as outside the disengagement area)	N/K	12-Sep, 22:28
	3-4km E	Recorded	6	Projectile	NW to SE (assessed as outside the disengagement area)	N/K	12-Sep, 22:31
N edge of Popasna (government-controlled, 69km W of Luhansk)	2-3km E	Recorded	3	Projectile	N to S (assessed as outside the disengagement area)	N/K	12-Sep, 22:47
	3-6km SSE	Heard	7	Explosion	Undetermined	N/K	13-Sep, 01:08-02:00
	3-6km SSE	Heard	4	Shot		Small arms	13-Sep, 01:08-02:00
Holubivka (formerly Kirovsk, non-government-controlled, 51km W of Luhansk)	6-8km NE	Heard	3	Explosion	Undetermined	N/K	13-Sep, 10:45-10:55

### 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).