

# Daily Report 255/2019

28 October 2019<sup>1</sup>

## Summary

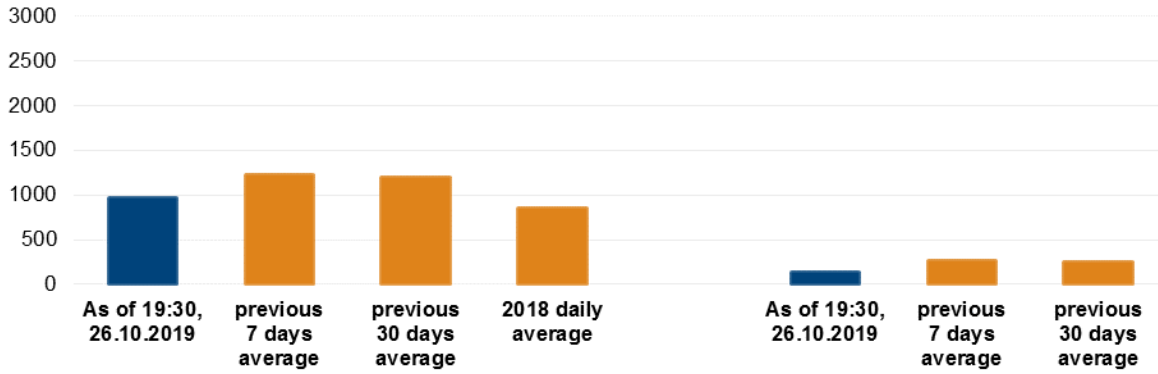
- Compared with the previous reporting period, between the evenings of 25 and 26 October, the SMM recorded more ceasefire violations in Donetsk region and fewer in Luhansk region.
- Between the evenings of 26 and 27 October, the Mission recorded more ceasefire violations in both Donetsk and Luhansk regions, compared with the previous 24 hours.
- The SMM followed up on reports of a man from non-government-controlled Mineralne injured by shrapnel.
- A member of the armed formations fired from an assault rifle, about 15m from the SMM, slightly above a civilian vehicle at a checkpoint in Staromykhailivka.
- Small-arms fire was assessed as aimed at an SMM mini-unmanned aerial vehicle near non-government-controlled Petrivske.
- Inside the Stanytsia Luhanska disengagement area, the Mission noted that the blue container of the armed formations located in the south of the broken section of the bridge had been removed; it continued to observe reconstruction works of the broken section of the bridge.
- The SMM observed Ukrainian officials, including the President, in the disengagement area near Zolote. The SMM also recorded ceasefire violations inside the disengagement area near Petrivske.
- The SMM observed anti-tank mines near non-government-controlled Styła.
- The Mission monitored a peaceful gathering in Mykolaiv.
- The SMM continued to observe long queues of civilians travelling across the contact line in Donetsk region.
- Restrictions of the Mission's freedom of movement continued, including at checkpoints near non-government-controlled Verkhnohyrokiivske, Novoazovsk and Zaichenko.\*

---

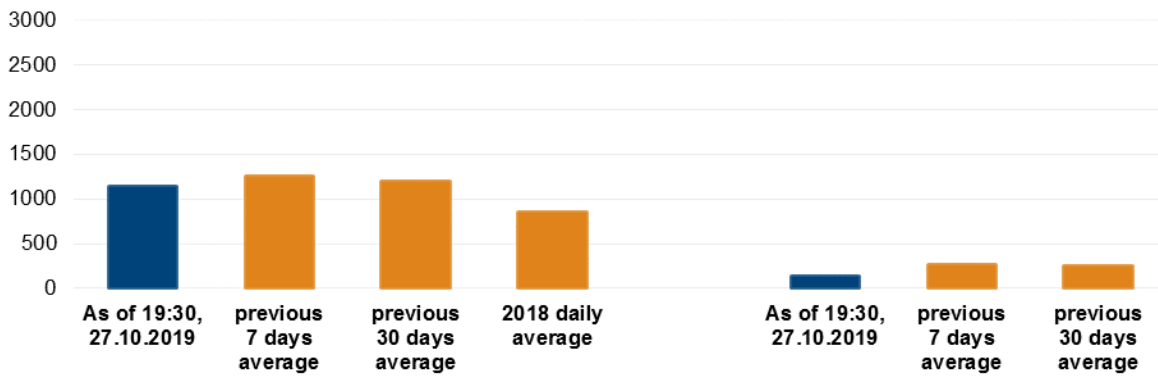
<sup>1</sup> Based on information from the Monitoring Teams as of 19:30, 27 October 2019. All times are in Eastern European Time.

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

**Number of recorded  
ceasefire violations<sup>3</sup>**



**Number of  
recorded explosions<sup>4</sup>**



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

<sup>3</sup> Including explosions.

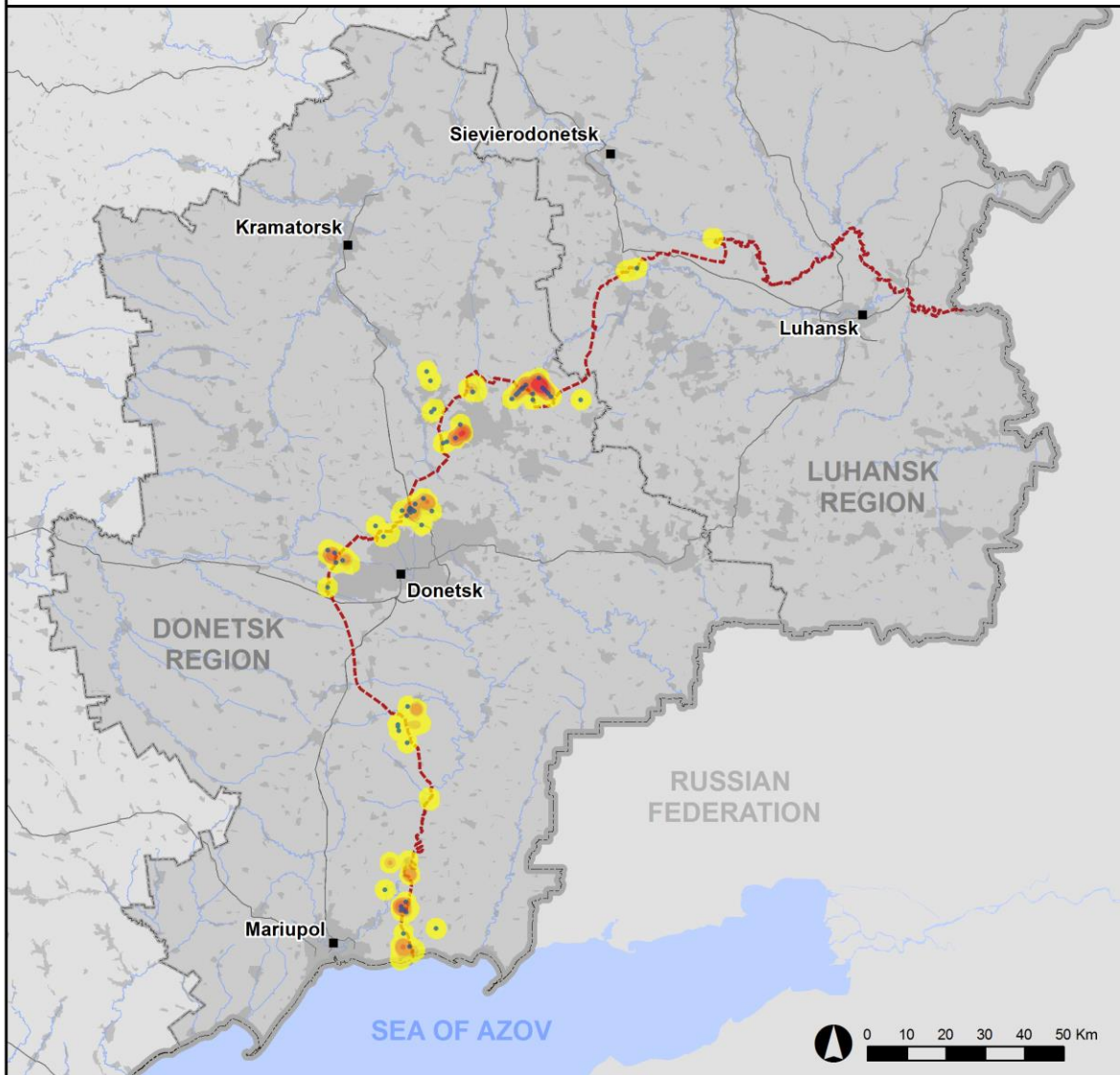
<sup>4</sup> Including from unidentified weapons.

## Map of recorded ceasefire violations

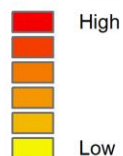


Organization for Security and  
Co-operation in Europe  
Special Monitoring Mission to Ukraine

### Ceasefire violations observed by the SMM 26-27 October 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.

© OSCE SMM 2019 Use, copy, reproduction, transmission, broadcasting, sale, license, or exploitation not permitted without OSCE prior written authorization.

Created: 28/10/2019

In Donetsk region, between the evenings of 25 and 26 October, the SMM recorded more ceasefire violations, including more explosions (about 140), compared with the [previous reporting period](#) (about 20 explosions). Almost 80 per cent of the ceasefire violations, including the majority of explosions, were recorded at south-easterly directions of Svitlodarsk (government-controlled, 57km north-east of Donetsk), at westerly directions of Horlivka (non-government-controlled, 39km north-east of Donetsk) and in areas south-east of Pyshevyk (government-controlled, 84km south of Donetsk).

Between the evenings of 26 and 27 October, the SMM recorded more ceasefire violations, including, however, a similar number of explosions (about 140), compared with the previous 24 hours. The majority of ceasefire violations, including the majority of explosions, were recorded at southerly directions of Svitlodarsk and at northerly directions of Krasnohorivka (government-controlled, 21km west of Donetsk).

In Luhansk region, between the evenings of 25 and 26 October, the SMM recorded fewer ceasefire violations, and no explosions, compared with the [previous reporting period](#) (no explosions). All ceasefire violations (two shots of small-arms fire) were recorded in areas south of Orikhove-Donetske (government-controlled, 44km north-west of Luhansk).

Between the evenings of 26 and 27 October, the SMM recorded more ceasefire violations, including one explosion, compared with the previous 24 hours. All ceasefire violations (six shots of small-arms fire and an undetermined explosion) were recorded at northerly directions of Zolote-5/Mykhailivka (non-government-controlled, 58km west of Luhansk).

### **Man injured by shrapnel**

The SMM followed up on reports of a man injured on 25 October due to an explosion at his house at 39 Komsomolska Street in Mineralne (non-government-controlled, 10km north-east of Donetsk), about 2.5km from the contact line. On 27 October, at a hospital in Yasynuvata (non-government-controlled, 16km north-east of Donetsk), the SMM saw a man (aged 50) with bandaged legs. The man told the SMM that, on the evening of 25 October, as he was about to exit his house, he heard a loud explosion, which injured him and caused damage to the house. Medical staff at the hospital told the SMM that the man had been admitted on the evening of 25 October with shrapnel injuries to both his legs. Due to security restrictions, the SMM was not able to access the house.

### **Small arms fired slightly above a civilian vehicle at a checkpoint in Staromykhailivka**

On 26 October, positioned at a checkpoint of the armed formations in Staromykhailivka (non-government-controlled, 15km west of Donetsk), the Mission observed a civilian vehicle driving eastwards through the checkpoint without stopping. A member of the armed formations, who was standing about 15m away from the SMM, fired a shot from an assault rifle (AK-47) aiming slightly above the vehicle. The SMM immediately left the area and saw the aforementioned car with the driver being escorted back to the checkpoint by another car with three members of the armed formations on board.

### Small-arms fire assessed as directed at SMM mini-unmanned aerial vehicle (UAV) near Petrivske

On 26 October, positioned about 2km north of Petrivske (non-government-controlled 41km south of Donetsk), the SMM was conducting a mini-UAV flight over areas about 1-2km south from its location, when it heard eight shots of small-arms fire about 1-2km south, assessed as aimed at the UAV. The SMM safely landed the UAV and left the area.\*

### Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske<sup>5</sup>

On 25 October, inside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), an SMM mini-UAV spotted a blue mini-van and six workers from government-controlled areas working at the northern part of the broken section of the Stanytsia Luhanska bridge (15km north-east of Luhansk). It also spotted that the vegetation about 20m on either side of the road on the southern bank of the Siverskyi Donets river had been cleared.

On 26 October, following the [removal](#) of the sand-filled tyres nearby, the Mission saw that a [previously reported](#) blue container located immediately south of the southern edge of the broken section of the bridge had been removed. It also saw that a grey container, previously located about 130m north of the checkpoint of the armed formations south of the Stanytsia Luhanska bridge, had been relocated to about 80m further south. Also inside the disengagement area, the SMM saw at least ten members of the armed formations (wearing armbands with “JCCC” written on them) between the checkpoint of the armed formations and the broken section of the bridge.

On 26 and 27 October, the SMM observed about eight workers from government-controlled areas with construction vehicles and equipment painting and reinforcing concrete pillars on the northern and southern edges of the broken section of the Stanytsia Luhanska bridge.

On 24 October, inside the **disengagement area near Zolote** (government-controlled, 60km west of Luhansk), an SMM mini-UAV spotted a person, assessed as belonging to the Ukrainian Armed Forces and a truck in a treeline about 730m north-east of the railway bridge. About 550m further north-east, the UAV spotted three persons, assessed as Ukrainian Armed Forces personnel, about 50m south of disengagement area’s northern edge. About 380m south of the area’s northern edge, the UAV spotted nine Ukrainian Armed Forces personnel with a chainsaw clearing vegetation on the western side of road T-1316 and small fires in the area. Furthermore, the UAV spotted two persons, assessed as Ukrainian Armed Forces personnel, next to an about 20m-long trench, which was seen for the first time (not seen in previous imagery from 12 September 2019), about 350m north of the railway tracks and about 200m of a residential house. The UAV also spotted a truck and a crane near a [previously reported](#) position on the eastern shoulder of road T-1316, about 40m south of the area’s northern edge.

On the same day, outside the disengagement area, an SMM mini-UAV spotted an armoured combat vehicle (ACV) about 110m north of the area’s northern edge, assessed as belonging

---

<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.

to the Ukrainian Armed Forces. The UAV also spotted the ongoing construction of bunkers in a field south-west of the checkpoint of the Ukrainian Armed Forces north of the disengagement area and about 30 Ukrainian Armed Forces personnel nearby. About 600m further north-east, the UAV spotted an excavator and ongoing repair works to an about 160m-long stretch of a dirt road.

On 26 October, inside the disengagement area near Zolote, an SMM mini UAV spotted three persons, assessed as Ukrainian Armed Forces personnel, standing next to an electronic warfare system (Bukovel-AD) with an erected mast mounted on a vehicle about 10m south of the disengagement area's northern edge. The UAV also spotted eight persons, assessed as Ukrainian Armed Forces personnel, north-east and west of the railway bridge, including three in the yard of a residential house about 600m south of the disengagement area's northern edge.

On the same day, outside the Zolote disengagement area, an SMM mini-UAV spotted a mine-resistant ambush protected vehicle (MRAP) (Dozor-B) at the checkpoint of the Ukrainian Armed Forces at the northern edge of the disengagement area. During the same day, the SMM saw a convoy of six cars with 14 Ukrainian Armed Forces personnel at the checkpoint of the Ukrainian Armed Forces north of the disengagement area's northern edge, accompanying a Ukrainian official and President Volodymyr Zelenskyi who talked with journalists and visited the area south of the northern edge of the disengagement area on foot.

On 27 October, positioned on the southern edge of Zolote-5/Mykhailivka, the SMM heard six shots of small-arms fire about 1-2km north-west and north-north-east and an undetermined explosion about 2-3km north-east, all assessed as outside the disengagement area but within 5km of its periphery.

On the evening of 22 and 23 October, the SMM camera **in Petrivske** (non-government-controlled, 41km south of Donetsk) recorded two undetermined explosions at an assessed range of 3-5km west and west-south-west, unable to be assessed whether inside or outside the disengagement area.

On 26 October, positioned about 2km east-north-east of Bohdanivka (government-controlled, 41km south-west of Donetsk), the SMM heard seven shots and bursts of small-arms fire at an assessed range of 1-3km east, assessed as inside the disengagement area, as well as a burst of small-arms fire at an assessed range of 1-3km north-east, assessed as outside the disengagement area but within its 5km periphery. On the same day, positioned about 2km north of Petrivske, the SMM heard two undetermined explosions at an assessed range of 4-6km west-south-west which it was unable to assess as inside or outside the disengagement area, and two shots of small-arms fire at an assessed range of 1-2km south-east assessed as outside the disengagement area but within its 5km periphery. On 27 October, positioned at the aforementioned location, the SMM heard 31 shots of small-arms fire at an assessed range of 2-3km north, assessed as outside the disengagement area but within its 5 km 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 a weapon in violation of withdrawal lines in a government-controlled area of Luhansk region (for more details, see the below table below).

### **Indications of military and military-type presence in the security zone<sup>6</sup>**

The SMM observed military and military-type presence in the security zone on both sides of the contact line, including 21 armoured combat vehicles at the forward positions of the armed formations near Kalynove-Borshchuvate (61km west of Luhansk) (for further details, see the table below).

On 26 October, the SMM also heard and saw a black UAV flying over Smile (non-government-controlled, 31km north-west of Luhansk).

### **Anti-tank mines observed near Styla and mine hazard signs in the Trudivski area of Donetsk city's Petrovskiy district**

On 24 October, an SMM mid-range UAV spotted for the first time about 500 anti-tank mines in a field, about 5km west-south-west and south-south-west of Styla (non-government-controlled, 34km south of Donetsk), assessed as belonging to the armed formations.

On the same day the SMM saw a mine hazard sign on Dunaievskoho Street in the Trudivski area of Donetsk city's Petrovskiy district (non-government-controlled, 15km south-west of Donetsk city centre) (for previous observations in the area, see [SMM Daily Report 11 March 2019](#)). In the same area, the Mission also saw an improvised mine hazard sign on a road and a mine hazard sign in a field about 70-100m north of the aforementioned road, both seen for the first time.

### **Situation at checkpoints along the contact line**

On 26 October at 9:30, at a checkpoint on highway H-15 near Kreminets (non-government-controlled, 16km south-west of Donetsk), the SMM saw about 320 cars, 11 buses and 400 civilians queuing to travel towards government-controlled areas. At 14:17, at the same checkpoint, the SMM saw about 140 cars, 12 buses and 150 pedestrians queuing to travel towards non-government-controlled areas and about 250 cars, one bus and about 200 pedestrians queuing to travel towards government-controlled areas.

On the same day at 9:50, at a checkpoint near Horlivka, the Mission observed unusually long queues of about 1,000 cars, at least 150 buses and between 1,000-1,500 pedestrians queuing to travel towards government-controlled areas and about 70 cars, five buses and about 100 pedestrians queuing to travel towards non-government-controlled areas.

On 27 October the SMM saw about 300 cars and about 70 pedestrians queuing to travel towards government-controlled areas at a checkpoint on highway H-15 near Kreminets; about 260 cars and two minibuses queuing to travel towards government-controlled areas at a checkpoint near Berezove (government-controlled, 31km west of Donetsk); and about 550 cars queuing to travel towards government-controlled areas at a checkpoint near Horlivka.

---

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

On the same day, the SMM saw ongoing construction works to the EECP of the Ukrainian Armed Forces near Marinka.

### **SMM facilitation of operation of critical civilian infrastructure**

On 26 October, the SMM monitored the security situation in the area of the pumping station near Vasylivka (non-government-controlled, 20km north of Donetsk). On 26 and 27 October, the SMM continued to facilitate the operation of the Donetsk Filtration Station (15km north of Donetsk).

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

### **The SMM monitored a peaceful gathering in Mykolaiv**

On 25 October, in front of the Regional Administration at 22 Admiralska Street in Mykolaiv (58km north-west of Kherson), the SMM observed a peaceful gathering of about 50 people (mostly men, mixed ages), expressing messages critical of the recent political developments concerning certain areas of Donetsk and Luhansk regions.

### **The SMM monitored the security situation in south-east Kherson region**

On the same day, the Mission observed a calm situation at the crossing points between Kalanchak (67km south-east of Kherson), Chaplynka (77km south-east of Kherson) and Crimea as well as on 27 October, at the checkpoint between Chonhar (163km south-east of Kherson) and Crimea.

### **\*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 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.*

#### Denial of access:

- On 26 October, at a checkpoint west of Verkhnohyrokiivske (formerly Oktiabr, non-government-controlled, 85km south of Donetsk), on two occasions, a member of the armed formations denied the SMM passage, citing an “ongoing special operation in the area”.
- On 27 October, at a mobile checkpoint north-west of Novoazovsk (non-government-controlled, 102km south-east of Donetsk), two armed members of the armed formations [again](#) denied the SMM access south towards Novoazovsk and Siedove



(non-government-controlled, 106km south of Donetsk), citing “orders from superiors”.

- On 27 October, at a checkpoint north of Zaichenko (non-government-controlled, 93km south of Donetsk), two armed members of the armed formations [again](#) denied the SMM passage towards Sakhanka (non-government-controlled, 97km south of Donetsk), citing “the SMM’s safety” and “shooting in the area”. While at the checkpoint, the SMM saw vehicular traffic crossing through the said checkpoint.

*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 26 October, while conducting a mini-UAV flight near Petrivske (non-government-controlled, 41km south of Donetsk), the SMM heard eight shots of small-arms fire about 1-2km south, assessed as aimed at the UAV, which it landed safely (see above). On the same day, on two occasions, an SMM mini-UAV experienced signal interference, assessed as due to probable jamming, while flying over areas near Petrivske.<sup>7</sup>

---

<sup>7</sup> The interference could have originated from anywhere within the radius of kilometres from the UAV’s position.

## Table of weapons

### Weapons in violation of the withdrawal lines

Date	No. of weapons	Type of weapon	Location	Source of observation
<b>Government-controlled areas</b>				
25/10/2019	1	Surface-to-air missile system (9K33 <i>Osa</i> )	Residential area in the eastern outskirts of Vyskryva (76km west of Luhansk)	Long-range UAV

### Table of indications of military and military-type presence in the security zone<sup>8</sup>

Date	No.	Type	Location	Source of observation
<b>Government-controlled areas</b>				
24/10/2019	2	Armoured combat vehicle (BMP variant)	In and near the checkpoint of the Ukrainian Armed Forces north of the disengagement area near Zolote	Mini UAV
26/10/2019	1	Armoured personnel carrier (MT-LB)		
24/10/2019	1	Trench digger (PZM-2)		
25/10/2019	1	Infantry fighting vehicle (BMP-1)	Near Orikhove (57km north-west of Luhansk)	Mini UAV
26/10/2019	2	Armoured personnel carrier (BTR-70)	Near Kamianka (20km north of Donetsk)	Patrol
<b>Non-government-controlled areas</b>				
25/10/2019	1	A probable armoured personnel carrier (MT-LB)	Inside a compound in Katerynivka (formerly Yuvileine, 8km west of Luhansk)	Long-range UAV
25/10/2019	1	A probable armoured personnel carrier	Near Lobacheve (13km east of Luhansk)	Long-range UAV
25/10/2019	1	A probable armoured personnel carrier	Near Dovhe (22km south-west of Luhansk)	Long-range UAV
25/10/2019	1	Armoured personnel carrier (MT-LB)	Inside a compound in Kadiivka (formerly Stakhanov, 50km west of Luhansk)	Long-range UAV
25/10/2019	1	Armoured combat vehicle		
25/10/2019	21	Armoured combat vehicle	Near Kalynove-Borshchuvate (61km west of Luhansk) (at the most forward positions of the armed formations)	Long-range UAV

<sup>8</sup> The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons

Table of ceasefire violations as of 27 October 2019<sup>9</sup>

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1km S	Recorded	1	Projectile	W to E	N/K	25-Oct, 20:08
	0.5-1km S	Recorded	1	Explosion	Impact, subsequent to previous event	/K	25-Oct, 20:08
	0.7-1km S	Recorded	4	Explosion	Undetermined	N/K	25-Oct, 20:10
	0.5-1km S	Recorded	1	Explosion	Outgoing	N/K	25-Oct, 20:13
	0.5-1km S	Recorded	1	Projectile	W to E	N/K	25-Oct, 20:13
	0.5-1km S	Recorded	1	Explosion	Impact, subsequent to previous event	N/K	25-Oct, 20:13
	0.8-1km S	Recorded	1	Explosion	Undetermined	N/K	25-Oct, 20:18
	0.7-1.3km SSW	Recorded	1	Explosion	Undetermined	N/K	25-Oct, 20:18
	0.8-1km S	Recorded	1	Explosion	Undetermined	N/K	25-Oct, 20:22
	0.8-1km S	Recorded	1	Muzzle flash		N/K	25-Oct, 20:24
	0.8-1km S	Recorded	1	Explosion	Undetermined	N/K	25-Oct, 20:30
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	25-Oct, 23:45
SMM camera in Petrivske (non-government-controlled, 41km S of Donetsk)	3-5km WSW	Recorded	1	Explosion	Undetermined (unable to assess whether inside or outside the disengagement area)	N/K	22-Oct, 00:04
	3-5km W	Recorded	1	Explosion	Undetermined, (unable to assess whether inside or outside the disengagement area)	N/K	22-Oct, 00:07
	3-5km S	Recorded	1	Projectile	W to E	N/K	25-Oct, 17:59
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 84km S of Donetsk)	3-5km S	Recorded	1	Explosion	Undetermined, subsequent to previous event	N/K	25-Oct, 17:59
	3-5km S	Recorded	1	Explosion	Undetermined	N/K	25-Oct, 18:02
	3-5km S	Recorded	4	Projectile	W to E (also recorded by the SMM camera in Hnutove)	N/K	25-Oct, 18:41
	3-5km S	Recorded	1	Projectile	W to E	N/K	25-Oct, 18:50
	3-5km S	Recorded	2	Projectile	W to E	N/K	25-Oct, 18:52
	3-5km S	Recorded	1	Projectile	W to E	N/K	25-Oct, 18:53
	3-5km S	Recorded	23	Projectile	W to E (also recorded by the SMM camera in Hnutove)	N/K	25-Oct, 18:56
	3-5km S	Recorded	11	Projectile	W to E (also recorded by the	N/K	25-Oct, 18:57

<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.

					SMM camera in Hnutove)		
	3-5km S	Recorded	12	Projectile	W to E	N/K	25-Oct, 19:22
	3-5km S	Recorded	3	Projectile	N to S	N/K	25-Oct, 19:22
	3-5km S	Recorded	2	Projectile	W to E	N/K	25-Oct, 19:23
	3-5km S	Recorded	4	Projectile	E to W	N/K	25-Oct, 19:23
	3-5km S	Recorded	2	Projectile	W to E	N/K	25-Oct, 19:26
	3-5km S	Recorded	12	Projectile	E to W	N/K	25-Oct, 19:52
	3-5km S	Recorded	9	Projectile	W to E	N/K	25-Oct, 19:52
	3-5km S	Recorded	5	Projectile	W to E	N/K	25-Oct, 19:53
	3-5km S	Recorded	22	Projectile	W to E	N/K	25-Oct, 19:54
	3-5km S	Recorded	5	Projectile	W to E	N/K	25-Oct, 19:55
	4-6km S	Recorded	1	Projectile	E to W	N/K	25-Oct, 21:00
	4-6km S	Recorded	1	Explosion	Impact	N/K	25-Oct, 21:00
	2-4km SSE	Recorded	6	Projectile	NE to SW	N/K	25-Oct, 22:07
	2-4km SSE	Recorded	3	Projectile	NE to SW	N/K	25-Oct, 23:56
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	3-5km N	Recorded	4	Projectile	W to E	N/K	25-Oct, 18:17
	3-5km N	Recorded	9	Projectile	W to E	N/K	25-Oct, 18:18
	3-5km N	Recorded	6	Projectile	W to E	N/K	25-Oct, 18:19
	3-5km N	Recorded	2	Projectile	W to E	N/K	25-Oct, 18:23
	3-5km NNE	Recorded	1	Explosion	Outgoing	N/K	25-Oct, 18:38
	3-5km NNE	Recorded	1	Projectile	In vertical flight	N/K	25-Oct, 18:38
	2-4km N	Recorded	3	Projectile	WNW to ESE	N/K	25-Oct, 20:17
	2-4km N	Recorded	16	Projectile	WNW to ESE	N/K	25-Oct, 20:25
	2-4km N	Recorded	4	Projectile	WNW to ESE	N/K	25-Oct, 20:26
	2-4km NE	Recorded	1	Projectile	ESE to WNW	N/K	25-Oct, 20:34
	2-4km NE	Recorded	2	Projectile	ESE to WNW	N/K	25-Oct, 20:36
	2-4km NE	Recorded	1	Projectile	ESE to WNW	N/K	25-Oct, 20:38
	2-4km NE	Recorded	1	Projectile	ESE to WNW	N/K	25-Oct, 20:38
	2-4km NE	Recorded	2	Projectile	ESE to WNW	N/K	25-Oct, 20:39
	2-4km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	25-Oct, 20:54
	2-4km N	Recorded	1	Projectile	ESE to WNW	N/K	25-Oct, 21:00
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)							
	1-2km S	Heard	2	Shot		Small arms	26-Oct, 09:54
Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	4-6km W	Heard	1	Explosion	Undetermined	N/K	26-Oct, 11:08
	1-2km SSW	Heard	1	Shot		Small arms	26-Oct, 12:28
	2-3km E	Heard	3	Explosion	Undetermined	N/K	26-Oct, 12:30-12:32
	1-2km SW	Heard	2	Shot		Small arms	26-Oct, 12:44-12:47
	1-2km SW	Heard	1	Shot		Small arms	26-Oct, 13:31
	3-4km S	Heard	3	Explosion	Undetermined	N/K	26-Oct, 13:31-13:35
	2-3km NW	Heard	3	Explosion	Undetermined	N/K	26-Oct, 14:34
	1-2km NW	Heard	6	Burst		HMG	26-Oct, 14:35
	2-3km NW	Heard	9	Explosion	Undetermined	N/K	26-Oct, 14:40
About 7.5km NW of the Donetsk city centre (non-government-controlled)							
	1km NNW	Heard	1	Explosion	Undetermined	N/K	26-Oct, 11:11
Staromykhailivka (non-government-controlled, 15km W of Donetsk)							
	10m-20m NW	Heard and saw	1	Shot		Small arms	26-Oct, 13:37

Pervomaiske (government-controlled, 17km NW of Donetsk)	3-5km ENE	Heard	1	Explosion	Undetermined	N/K	26-Oct, 11:10
S edge of Novohryhorivka (non-government-controlled, 61km NE of Donetsk)	3-4km NW	Heard	3	Explosion	Undetermined	N/K	26-Oct, 11:37-11:38
About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	1-2km S	Heard	8	Shot	Assessed aimed at the mini-UAV, outside the disengagement area	Small arms	26-Oct, 13:05
	4-6km WSW	Heard	2	Explosion	Undetermined (unable to assess whether outside or inside the disengagement area)	N/K	26-Oct, 14:12
	1-2km SE	Heard	2	Shot	Assessed as outside the disengagement area	Small arms	26-Oct, 14:17
About 2km SW of Pyshevyk (government-controlled, 84km S of Donetsk)	3-4km SE	Heard	1	Burst		Small arms	26-Oct, 09:34-09:45
	3-4km SE	Heard	3	Explosion	Undetermined	N/K	26-Oct, 09:34-09:45
	3-4km SE	Heard	6	Shot		AGL	26-Oct, 09:34-09:45
	3-4km SE	Heard	5	Burst		HMG	26-Oct, 09:34-09:45
	4-5km SE	Heard	5	Burst		HMG	26-Oct, 10:01-10:15
	2-3km SE	Heard	30	Shot		Small arms	26-Oct, 10:01-10:15
	3-4km SE	Heard	6	Burst		HMG	26-Oct, 10:20-10:30
	4-5km SE	Heard	2	Explosion	Undetermined	N/K	26-Oct, 10:20-10:30
	2-3km SE	Heard	4	Shot		Small arms	26-Oct, 10:20-10:30
2-3km SE	Heard	12	Shot		Small arms	26-Oct, 10:40-11:00	
About 2km ENE of Bohdanivka (government-controlled, 41km SW of Donetsk)	1-3km E	Heard	1	Burst	Assessed as inside the disengagement area	Small arms	26-Oct, 10:55
	1-3km NE	Heard	1	Burst	Assessed as outside the disengagement area	Small arms	26-Oct, 10:55
	1km E	Heard	2	Burst	Assessed as inside the disengagement area	Small arms	26-Oct, 11:19
	5km NNE	Heard	1	Explosion	Undetermined (assessed as outside of disengagement area)	N/K	26-Oct, 11:19
	2-3km E	Heard	4	Shot	Assessed as	Small arms	26-Oct, 13:02

					inside the disengagement area		
	5km SSE	Heard	2	Explosion	Undetermined (assessed as outside of the disengagement area)	N/K	26-Oct, 14:12
About 4km W of Chermalyk (government-controlled, 77km S of Donetsk)	N/K E	Heard	15	Shot		Small arms	26-Oct, 12:05-12:10
About 2km SE of Lebedynske (government-controlled, 99km S of Donetsk)	2-3km NE	Heard	12	Burst		Small arms	26-Oct, 12:10-12:25
	2km ENE	Heard	6	Shot		Small arms	26-Oct, 12:10-12:25
	2-3km SE	Heard	7	Shot		Small arms	26-Oct, 13:05
Orlivske (government-controlled, 82km S of Donetsk)	N/K E	Heard	1	Explosion	Undetermined	N/K	26-Oct, 12:39
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-4km SE	Heard	3	Shot		Small arms	25-Oct, 18:48
	3-4km SE	Heard	5	Shot		Small arms	25-Oct, 18:54
	3-4km SE	Heard	3	Shot		Small arms	25-Oct, 19:14
	3-4km SE	Heard	1	Shot		Small arms	25-Oct, 19:26
	3-4km SE	Heard	28	Shot		Small arms	25-Oct, 19:37-19:43
	3-4km SE	Heard	3	Burst		Small arms	25-Oct, 19:38
	3-4km SE	Heard	2	Shot		Small arms	25-Oct, 19:50
	3-4km SE	Heard	3	Burst		HMG	25-Oct, 20:31
	3-4km SE	Heard	5	Burst		HMG	25-Oct, 20:35
	3-4km SE	Heard	9	Shot		Small arms	25-Oct, 20:37
	3-4km SE	Heard	12	Shot		Small arms	25-Oct, 20:43-20:48
	3-4km SE	Heard	8	Shot		Small arms	25-Oct, 20:54
	3-4km SE	Heard	7	Burst		HMG	25-Oct, 20:57-20:59
	3-4km SE	Heard	2	Burst		HMG	25-Oct, 21:10
	3-4km SE	Heard	15	Shot		Small arms	25-Oct, 21:35-21:37
	3-4km SE	Heard	4	Burst		Small arms	25-Oct, 21:37
	3-4km SE	Heard	2	Burst		Small arms	25-Oct, 21:49
	2-3km SE	Heard	4	Shot		Small arms	25-Oct, 21:57
	4-5km SE	Heard	4	Burst		HMG	25-Oct, 22:09
	3-4km SE	Heard	2	Burst		HMG	25-Oct, 22:16
	2-3km SE	Heard	5	Burst		Small arms	25-Oct, 22:24
	2-3km SE	Heard	14	Shot		Small arms	25-Oct, 22:25
	2-3km SE	Heard	6	Shot		Small arms	25-Oct, 22:27
	3-4km SE	Heard	5	Burst		HMG	25-Oct, 22:28
	3-4km SE	Heard	6	Burst		HMG	25-Oct, 22:32
	2-3km SE	Heard	16	Burst		Small arms	25-Oct, 22:32-22:33
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	25-Oct, 22:36
	3-4km SE	Heard	7	Burst		HMG	25-Oct, 22:36
	2-3km SE	Heard	5	Burst		Small arms	25-Oct, 22:37-22:38
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	25-Oct, 22:40
	2-3km SE	Heard	5	Burst		Small arms	25-Oct, 22:41
	3-5km SE	Heard	3	Explosion	Undetermined	N/K	25-Oct, 22:44
2-3km SE	Heard	7	Burst		Small arms	25-Oct, 22:46	

	3-5km S	Heard	1	Explosion	Undetermined	N/K	25-Oct, 22:48
	2-3km SE	Heard	11	Burst		Small arms	25-Oct, 22:49
	3-4km SE	Heard	3	Burst		HMG	25-Oct, 22:52
	3-4km S	Heard	8	Burst		HMG	25-Oct, 22:53
	3-4km SE	Heard	19	Burst		Small arms	25-Oct, 23:14-23:17
	3-4km SE	Heard	15	Burst		Small arms	25-Oct, 23:18-23:20
	2-3km SE	Heard	8	Shot		Small arms	25-Oct, 23:26
	3-4km SE	Heard	5	Burst		Small arms	25-Oct, 23:27
	2-3km SE	Heard	4	Shot		Small arms	25-Oct, 23:29
	3-4km SE	Heard	5	Burst		Small arms	25-Oct, 23:39
	3-4km SE	Heard	11	Burst		Small arms	25-Oct, 23:43
	3-4km SE	Heard	4	Burst		HMG	25-Oct, 23:50
	3-4km SE	Heard	4	Shot		Small arms	25-Oct, 23:53
	3-4km SE	Heard	2	Burst		Small arms	25-Oct, 23:55
	3-5km SE	Heard	3	Explosion	Undetermined	N/K	26-Oct, 11:37
	2-3km SE	Heard	3	Burst		Small arms	26-Oct, 13:02
	4-6km SE	Heard	1	Explosion	Undetermined	N/K	26-Oct, 13:33
	1-2km E	Heard	15	Explosion	Undetermined	N/K	26-Oct, 16:53-16:55
	2-3km SE	Heard	32	Burst		HMG	26-Oct, 17:10-17:14
	4-6km SE	Heard	38	Burst		HMG	26-Oct, 17:21-17:25
	4-6km SE	Heard	27	Explosion	Undetermined	N/K	26-Oct, 17:55-18:10
Horlivka (non-government-controlled, 39km NE of Donetsk)	1-2km W	Heard	64	Shot		Small arms	26-Oct, 12:05-12:10
	1-2km W	Heard	12	Burst		Small arms	26-Oct, 12:15-12:17
	6-8km WSW	Heard	4	Explosion		N/K	26-Oct, 12:31
	5-7km WSW	Heard	4	Explosion	Undetermined	N/K	26-Oct, 15:35
	1-2km W	Heard	15	Burst		Small arms	26-Oct, 16:35
	1-2km W	Heard	129	Shot		Small arms	26-Oct, 17:12-17:32
	3-4km WSW	Heard	18	Burst		HMG	26-Oct, 17:35
	3-4km WSW	Heard	23	Explosion	Undetermined	N/K	26-Oct, 18:10
3-4km WSW	Heard	56	Burst		HMG	26-Oct, 18:16-18:20	
About 2.5km SE of Nelipivka (government-controlled, 40km NE of Donetsk)	2-3km NE	Heard	2	Explosion	Outgoing	N/K	26-Oct, 10:25
	1-2km NE	Heard	1	Explosion	Outgoing	N/K	26-Oct, 11:00
About 3km SE of Orikhove-Donetske (government-controlled, 44km NW of Luhansk)	1-2km S	Heard	2	Shot	Undetermined	Small arms	26-Oct, 11:48-11:49
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-3km SE	Recorded	2	Projectile	SW to NE	N/K	27-Oct, 01:24
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-4km SSE	Recorded	5	Projectile	ENE to WSW	N/K	26-Oct, 23:45
	2-4km SSE	Recorded	4	Projectile	ENE to WSW	N/K	26-Oct, 23:46
	2-4km SSE	Recorded	2	Projectile	ENE to WSW	N/K	26-Oct, 23:49
	2-4km SSE	Recorded	1	Illumination flare	In vertical flight	N/K	27-Oct, 03:09

	2-4km SSE	Recorded	21	Projectile	In vertical flight	N/K	27-Oct, 04:29
	2-4km SSE	Recorded	6	Projectile	In vertical flight	N/K	27-Oct, 04:30
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	300-800m S	Recorded	1	Projectile	WNW to ESE	N/K	26-Oct, 20:28
	0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	26-Oct, 20:31
	0.3-1km SSW	Recorded	1	Projectile	WNW to ESE	N/K	26-Oct, 21:12
	0.3-1km SSW	Recorded	1	Projectile	WNW to ESE	N/K	26-Oct, 21:22
	0.3-1km SSW	Recorded	1	Projectile	WNW to ESE	N/K	26-Oct, 21:27
	0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	26-Oct, 21:27
	0.5-1km SSW	Recorded	1	Projectile	WNW to ESE	N/K	26-Oct, 21:34
	0.5-1km S	Recorded	1	Projectile	WNW to ESE	N/K	26-Oct, 21:37
	300m-500m SSW	Recorded	1	Explosion	Undetermined	N/K	26-Oct, 21:41
	0.3-1km SSW	Recorded	1	Projectile	WNW to ESE	N/K	26-Oct, 21:50
	0.3-1km SSW	Recorded	1	Projectile	WNW to ESE	N/K	26-Oct, 21:53
	0.5-1km S	Recorded	1	Projectile	WNW to ESE	N/K	26-Oct, 22:18
	0.5-1km SSW	Recorded	2	Explosion	Undetermined	N/K	27-Oct, 00:51
	0.5-1km S	Recorded	1	Explosion	Outgoing	N/K	27-Oct, 00:52
	0.5-1km SSE	Recorded	1	Explosion	Undetermined	N/K	27-Oct, 00:52
	0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	27-Oct, 01:09
	2-3km SSW	Recorded	1	Explosion	Undetermined	N/K	27-Oct, 01:15
	0.2-1km S	Recorded	3	Projectile	ESE to WNW	N/K	27-Oct, 02:22
	0.5-1km S	Recorded	2	Explosion	Undetermined	N/K	27-Oct, 02:22
	0.5-1km S	Recorded	12	Projectile	NE to SW	N/K	27-Oct, 17:32
0.8-1.5km S	Recorded	1	Projectile	WNW to ESE	N/K	27-Oct, 00:52	
SMM camera in Hranitne (government-controlled, 60km S of Donetsk)	1-2km E	Recorded	2	Projectile	NNW to SSE	N/K	26-Oct, 21:21
	1-2km ENE	Recorded	1	Projectile	NW to SE	N/K	26-Oct, 23:50
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	2-4km ENE	Recorded	1	Explosion	Airburst	N/K	26-Oct, 22:58
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	2-4km ENE	Recorded	2	Explosion	Undetermined (also recorded by the SMM camera in Marinka)	N/K	26-Oct, 23:07
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	1-3km ENE	Recorded	3	Projectile	NW to SE	N/K	26-Oct, 18:25
	1-3km ENE	Recorded	2	Projectile	NW to SE	N/K	26-Oct, 18:32
	1-3km ENE	Recorded	2	Projectile	NW to SE	N/K	26-Oct, 18:33
	3-5km E	Recorded	1	Projectile	SSW to NNE	N/K	26-Oct, 18:52
	3-5km E	Recorded	1	Projectile	N to S	N/K	26-Oct, 19:40
	3-5km ENE	Recorded	1	Projectile	NNW to SSE	N/K	26-Oct, 19:43
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	26-Oct, 21:05
	2-4km ENE	Recorded	1	Projectile	N to S	N/K	26-Oct, 22:30
	2-4km ENE	Recorded	1	Projectile	N to S	N/K	26-Oct, 23:29
	2-4km ENE	Recorded	3	Projectile	N to S	N/K	27-Oct, 01:30
	2-4km E	Recorded	1	Projectile	SW to NE	N/K	27-Oct, 02:16
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	27-Oct, 02:23
	3-5km ENE	Recorded	1	Projectile	N to S	N/K	26-Oct, 19:40
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-3km NNE	Recorded	1	Explosion	Impact	N/K	26-Oct, 22:56
SMM camera at Oktiabr mine	2-3km NE	Recorded	1	Illumination flare	In vertical flight (also recorded	N/K	26-Oct, 20:25

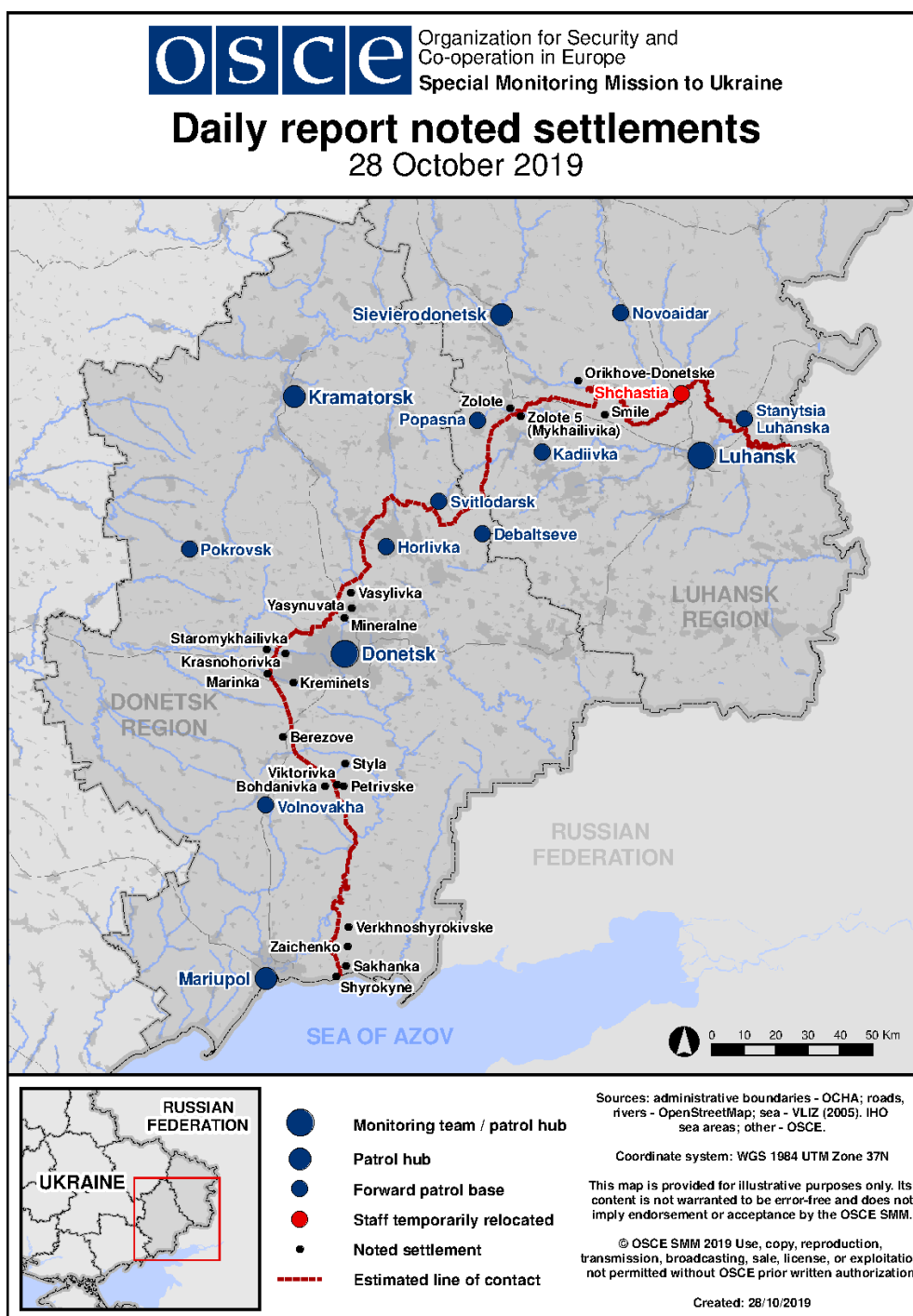


(non-government-controlled, 9km NW of Donetsk city centre)					by the SMM camera in Avdiivka)		
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 84km S of Donetsk)	2-4km SSE	Recorded	1	Projectile	NE to SW (also recorded by the SMM camera in Hnutove)	N/K	26-Oct, 18:31
	4-6km SSE	Recorded	1	Projectile	W to E	N/K	26-Oct, 19:08
	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	27-Oct, 03:19
	2-4km SSE	Recorded	1	Explosion	Airburst	N/K	27-Oct, 03:19
	4-6km SSE	Recorded	3	Projectile	In vertical flight	N/K	27-Oct, 03:21
	4-6km S	Recorded	3	Projectile	WSW to ENE	N/K	27-Oct, 03:25
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	3-5km N	Recorded	4	Projectile	In vertical flight	N/K	26-Oct, 18:52
	3-5km NE	Recorded	7	Projectile	SE to NW	N/K	26-Oct, 18:58
	3-5km N	Recorded	6	Projectile	W to E	N/K	26-Oct, 19:11
	3-5km N	Recorded	2	Projectile	WNW to ESE	N/K	26-Oct, 19:12
	3-5km N	Recorded	1	Projectile	W to E	N/K	26-Oct, 19:13
	6-8km N	Recorded	1	Explosion	Undetermined (also recorded by the SMM camera in Pyshevyk)	N/K	26-Oct, 19:15
Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-4km NNE	Recorded	1	Projectile	WNW to ESE	N/K	26-Oct, 21:14
	3km NW	Heard	13	Explosion	Undetermined	N/K	27-Oct, 10:23
	1-2km NW	Heard	50	Burst		Small arms	27-Oct, 10:25-10:26
	3km NW	Heard	2	Explosion	Undetermined	N/K	27-Oct, 10:27
	1-2km NW	Heard	4	Shot		Small arms	27-Oct, 10:28
	1-2km NW	Heard	4	Burst		Small arms	27-Oct, 10:28
Staromykhailivka (non-government-controlled, 15km W of Donetsk)	2km W	Heard	3	Explosion	Undetermined	N/K	27-Oct, 11:42-11:46
	1-2km NW	Heard	2	Shot		Small arms	27-Oct, 11:21
	1-2km NW	Heard	2	Burst		HMG	27-Oct, 11:40-11:41
	1-2km NW	Heard	5	Shot		Small arms	27-Oct, 11:41-11:42
	1-3km WNW	Heard	1	Explosion	Undetermined	N/K	27-Oct, 11:45
	1-2km NW	Heard	7	Shot		Small arms	27-Oct, 12:10
Krasnohorivka (government-controlled, 21km W of Donetsk)	1-3km NW	Heard	5	Shot		Small arms	27-Oct, 12:13
	1-2km N	Heard	14	Shot		Small arms	27-Oct, 11:15
	2-3km NE	Heard	2	Explosion	Undetermined	N/K	27-Oct, 11:18
	1-2km NE	Heard	28	Shot		Small arms	27-Oct, 11:23
	2-3km N	Heard	1	Explosion	Undetermined	N/K	27-Oct, 11:28
	1-2km NE	Heard	27	Shot		Small arms	27-Oct, 11:30
Mineralne (non-government-controlled, 10km NE of Donetsk)	1-2km NE	Heard	60	Shot		Small arms	27-Oct, 11:34-11:37
	2km NW	Heard	15	Shot		Small arms	27-Oct, 12:53-13:00
About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	2-3km N	Heard	31	Shot	Assessed as outside the disengagement area	Small arms	27-Oct, 14:05-14:14
About 3km NE of Zaichenko (non-government-controlled, 93km S of Donetsk)	3-5km SSE	Heard	1	Explosion	Undetermined	N/K	27-Oct, 10:59
About 1km E of	0.6-1km NNW	Heard	10	Burst		Small arms	27-Oct, 13:12

Chermalyk (government-controlled, 77km S of Donetsk)							
	2-3km SE	Heard	8	Shot		Small arms	26-Oct, 18:48
	3-5km SW	Heard	2	Explosion	Undetermined	N/K	26-Oct, 18:49
	3-5km SW	Heard	2	Explosion	Undetermined	N/K	26-Oct, 18:52
	2-3km SE	Heard	7	Burst		HMG	26-Oct, 19:04
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	26-Oct, 19:06
	2-3km SE	Heard	10	Burst		HMG	26-Oct, 19:28
	2-3km SW	Heard	7	Burst		HMG	26-Oct, 19:31
	2-3km SE	Heard	12	Burst		HMG	26-Oct, 19:31
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	26-Oct, 19:35
	2-3km SE	Heard	6	Burst		HMG	26-Oct, 19:41
	2-3km SW	Heard	4	Burst		HMG	26-Oct, 19:42
	2-3km SE	Heard	5	Burst		HMG	26-Oct, 20:05
							26-Oct, 20:12-20:14
	2-3km SE	Heard	15	Burst		HMG	
	3-5km SW	Heard	2	Explosion	Undetermined	N/K	26-Oct, 20:18
	2-3km SE	Heard	6	Burst		HMG	26-Oct, 20:31
							26-Oct, 20:31-20:32
	2-3km SW	Heard	13	Burst		HMG	
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	26-Oct, 20:44
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	26-Oct, 20:50
							26-Oct, 21:02-21:05
	5-6km SW	Heard	12	Explosion	Undetermined	N/K	
							26-Oct, 21:04-21:06
	2-3km SE	Heard	30	Burst		HMG	
	5-6km SE	Heard	2	Explosion	Undetermined	N/K	26-Oct, 21:07
							26-Oct, 21:07-21:08
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-3km SE	Heard	30	Burst		HMG	
	2-3km SW	Heard	30	Burst		HMG	26-Oct, 21:07-21:08
							26-Oct, 21:08-21:10
	5-6km SW	Heard	3	Explosion	Undetermined	N/K	
							26-Oct, 21:12-21:13
	2-3km SW	Heard	26	Explosion	Undetermined	N/K	
	2-3km SE	Heard	10	Burst	Undetermined	HMG	26-Oct, 21:15
	5-6km SW	Heard	1	Explosion	Undetermined	N/K	26-Oct, 21:17
	1-2km S	Heard	10	Shot		Small arms	26-Oct, 21:18
	5-6km S	Heard	1	Explosion	Undetermined	N/K	26-Oct, 21:19
	2-3km S	Heard	10	Burst		HMG	26-Oct, 21:19
	1-2km S	Heard	20	Shot		Small arms	26-Oct, 21:19
	5-6km SE	Heard	1	Explosion	Undetermined	N/K	26-Oct, 21:20
	2-3km S	Heard	5	Burst		HMG	26-Oct, 21:20
							26-Oct, 21:23-21:25
	7-8km SW	Heard	5	Explosion	Undetermined	N/K	
	2-3km SE	Heard	8	Burst		HMG	26-Oct, 21:23
	2-3km SW	Heard	3	Burst		HMG	26-Oct, 21:25
	7-8km SW	Heard	1	Explosion	Undetermined	N/K	26-Oct, 21:34
	2-3km SE	Heard	4	Burst		HMG	26-Oct, 21:37
	7-8km SW	Heard	1	Explosion	Undetermined	N/K	26-Oct, 21:39
	1-2km S	Heard	10	Shot		Small arms	26-Oct, 21:41
							26-Oct, 21:45-21:46
	2-3km SE	Heard	13	Burst		HMG	
	5-6km SW	Heard	2	Explosion	Undetermined	N/K	26-Oct, 21:49
							26-Oct, 21:49-21:50
	2-3km SW	Heard	10	Burst		HMG	
	5-6km SE	Heard	1	Explosion	Undetermined	N/K	26-Oct, 21:50
	2-3km SE	Heard	21	Burst		HMG	26-Oct, 21:50-

							21:51
1-2km SE	Heard	10	Shot			Small arms	26-Oct, 21:50-21:51
1-2km S	Heard	10	Shot			Small arms	26-Oct, 21:54
2-3km SE	Heard	11	Burst			HMG	26-Oct, 21:57
2-3km SE	Heard	6	Burst			HMG	26-Oct, 22:05-22:06
1-2km SE	Heard	10	Shot			Small arms	26-Oct, 22:05-22:06
5-6km SE	Heard	2	Explosion	Undetermined		N/K	26-Oct, 22:06-22:08
2-3km SE	Heard	24	Burst			HMG	26-Oct, 22:09-22:11
1-2km SE	Heard	8	Shot			Small arms	26-Oct, 22:09-22:11
2-3km SW	Heard	5	Burst			HMG	26-Oct, 22:10
6-7km SE	Heard	2	Explosion	Undetermined		N/K	26-Oct, 22:12-22:14
1-2km S	Heard	6	Shot			Small arms	26-Oct, 22:13
6-7km SE	Heard	2	Explosion	Undetermined		N/K	26-Oct, 22:15-22:16
2-3km SE	Heard	12	Burst			HMG	26-Oct, 22:16-22:17
2-3km SE	Heard	15	Burst			HMG	26-Oct, 22:21-22:28
5-6km SE	Heard	1	Explosion	Undetermined		N/K	26-Oct, 22:27
2-3km SE	Heard	6	Burst			HMG	26-Oct, 22:31-22:33
1-2km SE	Heard	10	Shot			Small arms	26-Oct, 22:31-22:33
2-3km SE	Heard	20	Burst			HMG	26-Oct, 22:37-22:39
1-2km SE	Heard	15	Shot			Small arms	26-Oct, 22:37-22:39
3-4km SE	Heard	1	Explosion	Undetermined		N/K	26-Oct, 22:39
2-3km SE	Heard	12	Burst			HMG	26-Oct, 22:41-22:43
2-3km SE	Heard	3	Burst			HMG	26-Oct, 22:44
2-3km SE	Heard	14	Burst			HMG	26-Oct, 22:51-22:54
2-3km SW	Heard	3	Burst			HMG	26-Oct, 22:55
1-2km S	Heard	3	Shot			Small arms	26-Oct, 22:56
2-3km SW	Heard	7	Burst			HMG	26-Oct, 22:57
2-3km SE	Heard	6	Burst			HMG	26-Oct, 22:57-23:01
2-3km S	Heard	16	Burst			HMG	26-Oct, 22:57-23:07
1-2km SE	Heard	10	Shot			Small arms	26-Oct, 23:02
5-6km SE	Heard	1	Explosion	Undetermined		N/K	26-Oct, 23:05
3-4km SE	Heard	2	Explosion	Undetermined		N/K	26-Oct, 23:07
2-3km SE	Heard	47	Burst			HMG	26-Oct, 23:09-23:16
1-2km SE	Heard	28	Shot			Small arms	26-Oct, 23:09-23:16
2-3km SE	Heard	10	Burst			HMG	26-Oct, 23:21
2-3km SE	Heard	13	Burst			HMG	26-Oct, 23:31-23:33
1-2km SE	Heard	12	Shot			Small arms	26-Oct, 23:31-23:32
1-2km SE	Heard	45	Shot			Small arms	26-Oct, 23:40-23:49

	2-3km SE	Heard	32	Burst		HMG	26-Oct, 23:40-23:49
	2-3km SE	Heard	7	Burst		HMG	26-Oct, 23:51
	2-3km S	Heard	2	Burst		HMG	26-Oct, 23:53
	2-3km SE	Heard	12	Burst		HMG	26-Oct, 23:58-23:59
	4-6km SW	Heard	3	Explosion	Undetermined	N/K	27-Oct, 07:13
	5-7km SW	Heard	3	Explosion	Undetermined	N/K	27-Oct, 07:15
	3-4km SW	Heard	5	Explosion	Undetermined	N/K	27-Oct, 11:47
	3-4km SW	Heard	2	Explosion	Undetermined	N/K	27-Oct, 14:10
	3-4km SW	Heard	2	Explosion	Undetermined	N/K	27-Oct, 17:05
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	27-Oct, 17:14
	1-2km SW	Heard	3	Burst		Small arms	27-Oct, 17:30
Horlivka (non-government-controlled, 39km NE of Donetsk)	3km NW	Heard	2	Explosion	Undetermined	N/K	27-Oct, 16:55
About 1km SSE of Nelipivka (government-controlled, 50km N of Donetsk)	5-7km ESE	Heard	2	Explosion	Undetermined	N/K	27-Oct, 11:31
	4-5km E	Heard	1	Explosion	Undetermined	N/K	27-Oct, 11:45
Zolote-5/Mykhailivka (non-government-controlled, 58km W of Luhansk)	1.3-1.5km NW	Heard	2	Shot	Assessed as outside the disengagement area	Small arms	27-Oct, 14:58-15:01
	2-3km NE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	27-Oct, 15:00-15:01
	1-2km NNE	Heard	4	Shot	Assessed as outside the disengagement area	Small arms	27-Oct, 15:23-15:24

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).