

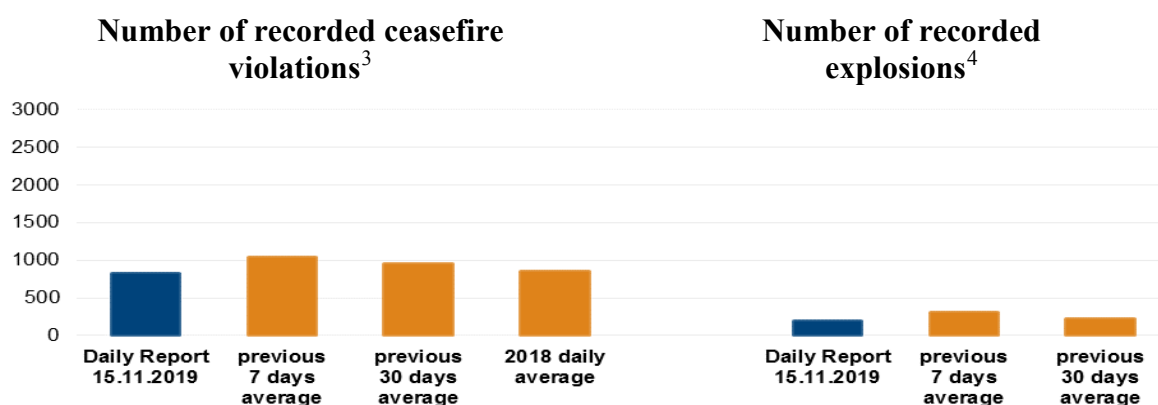
# Daily Report 271/2019

15 November 2019<sup>1</sup>

## Summary

- Compared with the previous reporting period, the SMM recorded fewer ceasefire violations in both Donetsk and Luhansk regions.
- The Mission saw deminers from government-controlled areas close to the Petrivske disengagement area.
- The Mission continued to observe demining activities inside the Zolote disengagement area.
- Inside the Stanytsia Luhanska disengagement area, the SMM continued to observe construction works at the broken section of the bridge.
- The Mission observed two convoys of trucks, including some reading “Humanitarian Aid from the Russian Federation”, in non-government-controlled areas of Donetsk and Luhansk regions.
- The Mission continued to facilitate repairs to and the operation of critical civilian infrastructure on both sides of the contact line.
- Restrictions of the SMM’s freedom of movement continued, including at a checkpoint near non-government-controlled Verkhnoшыrokyvske.\*

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



<sup>1</sup> Based on information from the Monitoring Teams as of 19:30, 14 November 2019. All times are in Eastern European Time.

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

<sup>3</sup> Including explosions.

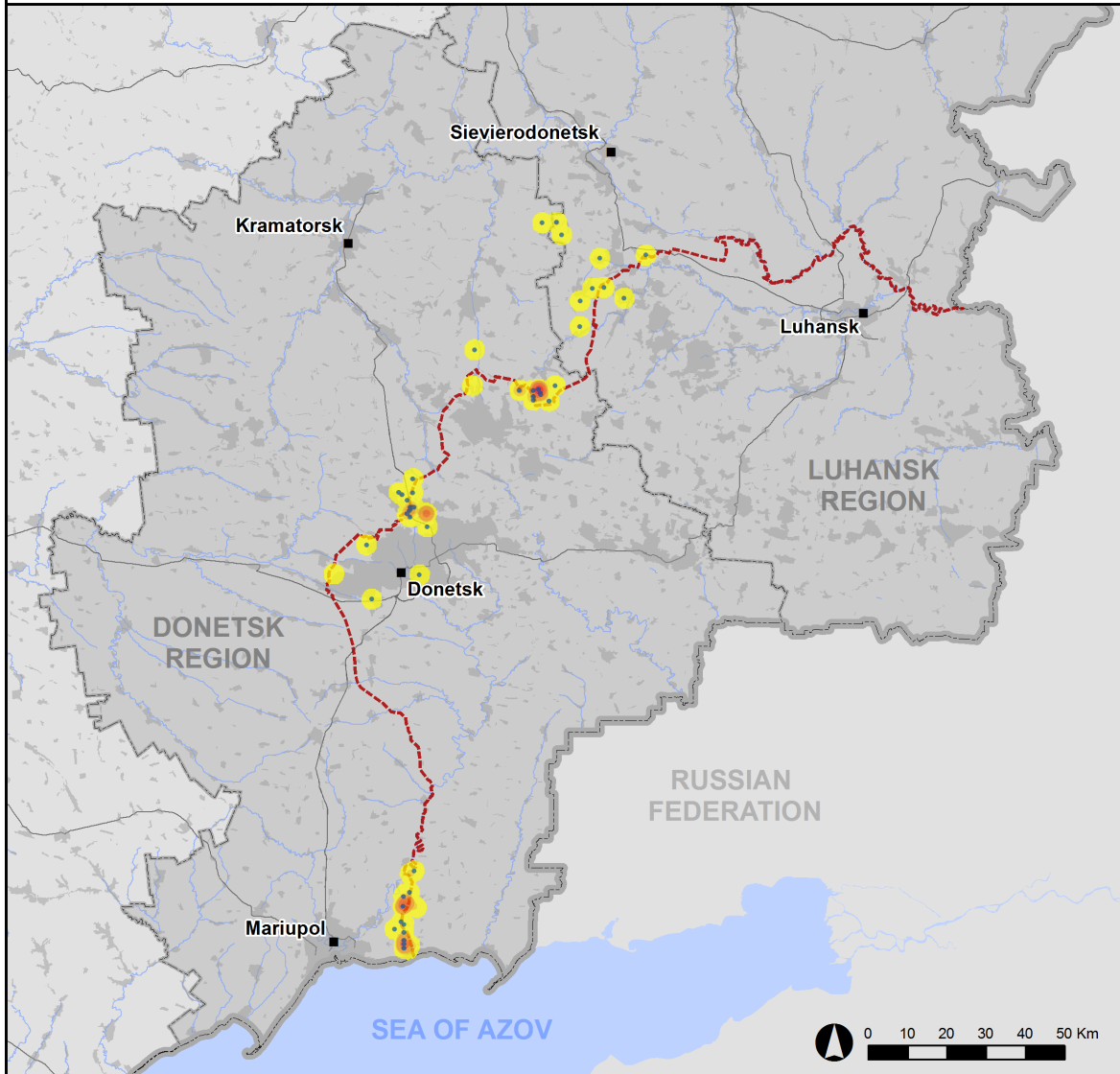
<sup>4</sup> Including from unidentified weapons.

### Map of recorded ceasefire violations

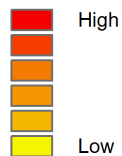


Organization for Security and  
Co-operation in Europe  
Special Monitoring Mission to Ukraine

## Ceasefire violations observed by the SMM 14 November 2019



#### Ceasefire violation concentration



- Explosion
- Settlement
- ..... Estimated line of contact

Sources: Administrative Boundaries - OCHA; Roads, Rivers - OpenStreetMap; Sea - VLIZ (2005). IHO Sea Areas; Other - OSCE.

Coordinate System: WGS 1984 UTM Zone 37N

This map is provided for illustrative purposes only. Its content is not warranted to be error-free and does not imply endorsement or acceptance by the OSCE SMM.

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Created: 15/11/2019

In Donetsk region, the SMM recorded fewer ceasefire violations, including about 175 explosions, compared with the [previous reporting period](#) (about 390 explosions). The majority of the ceasefire violations, including 68 undetermined explosions, were recorded at southerly directions of Svitlodarsk (government-controlled, 57km north-east of Donetsk) and at easterly and southerly directions of Hnutove (government-controlled, 90km south of Donetsk).

In Luhansk region, the Mission recorded fewer ceasefire violations, all explosions (16), compared with the [previous reporting period](#) (about 60 explosions). The majority of the ceasefire violations were recorded in areas north-east, east-south-east and south of Popasna (government-controlled, 69km west of Luhansk), including five explosions close to the disengagement area near Zolote (government-controlled, 60km west of Luhansk) (see below).

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

On 14 November, outside the **disengagement area near Petrivske** (non-government-controlled, 41km south of Donetsk), about 300m west-north-west of its north-north-western corner, the SMM saw 24 deminers from government-controlled areas holding mine detectors and equipment and walking on the road between Bohdanivka (government-controlled, 41km south-west of Donetsk) and Viktorivka (non-government-controlled, 42km south-west of Donetsk), in an easterly direction.

Positioned about 1.8km north of Petrivske, the SMM saw two explosions (one of which it also heard) at an assessed range of 1.7km south-south-west, assessed as controlled detonations.

On 14 November, inside the **disengagement area near Zolote**, the SMM saw ten members of the State Emergency Service of Ukraine near the railway bridge, about 900m south of the area's northern edge.

On the same day, positioned at the checkpoint of the armed formations on the southern edge of the disengagement area near Zolote, the SMM saw a jeep, five deminers and 19 workers from non-government-controlled areas enter the disengagement area on road T-1316. The Mission saw that 17 of these workers proceeded to clear vegetation on the eastern side of the same road, about 400m north of the aforementioned checkpoint. Inside the area, the Mission also saw five people cutting and clearing vegetation on both sides of road T-0504 about 500m east of the checkpoint of the armed formations. The SMM also saw a jeep with two people enter the disengagement area, drive at high speed in a northerly direction, and return with three people. It also saw eight workers and a member of the armed formations (wearing an armband with "JCCC" written on it) leave the disengagement area.

On the evening of 13 November and the afternoon of 14 November, positioned on the northern edge of Popasna, in Zolote-4/Rodina (government-controlled, 59km west of Luhansk) and on the western edge of Pervomaisk (non-government-controlled, 53km north-west of Luhansk), respectively, the SMM heard seven undetermined explosions, all assessed as outside the disengagement area but within its 5km periphery.

On 14 November, inside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), the Mission saw 20 workers from government-controlled areas applying coating onto the new deck at the broken section of the Stanytsia

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

Luhanska bridge (15km north-east of Luhansk), installing railings on both sides of the deck and asphaltting an area of about 30 square meters immediately north of the broken section of the bridge, connecting it to the previously asphalted road.

On the same day, south of the bridge, the SMM saw up to nine workers from non-government-controlled areas clearing and burning vegetation and tyres about 100m north-west of the checkpoint of the armed formations. The Mission also saw nine members of the armed formations (wearing armbands with “JCCC” written on them) between the broken section of bridge and the aforementioned checkpoint south of the bridge.

### **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 eight weapons (some near residential areas) beyond withdrawal lines but outside of designated storage sites in government-controlled areas of Donetsk and Luhansk regions (for further details, see the table below).

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

The SMM observed military and military-type presence inside the security zone (including armoured personnel carriers in a residential area) in both Donetsk and Luhansk regions (for further details, see the table below).

The Mission also saw a convoy of seven fuel tankers (with black plates and white lettering on them) escorted by a car with “DPR” plates driving in a northerly direction near Khoroshovo (non-government-controlled, 8km south of Donetsk).

### **Anti-tank mines near the road between government-controlled Pyshevyk and non-government-controlled Verkhnohyrokiivske**

The Mission saw for the first time three anti-tank mines on the northern side of a road (two and one respectively 10m and 20m from it) used daily by civilians between Pyshevyk (government-controlled, 84km south of Donetsk) and Verkhnohyrokiivske (formerly Oktiabr, non-government-controlled, 85km south of Donetsk), near the forward position of the Ukrainian Armed Forces about 850m east-south-east of the entry-exit checkpoint near Pyshevyk (for previous observations in the area, see [SMM Daily Report 22 October 2019](#)).

### **Border areas outside government control**

On 14 November, while at a border crossing point near Uspenka (73km south-east of Donetsk) for about an hour, the SMM saw 28 cars (four with Ukrainian, nine with Russian Federation, three with Georgian and three with unidentified licence plates, as well as nine with “DPR” plates), a covered cargo truck with Ukrainian licence plates, a bus with Russian Federation licence plates and eight pedestrians (four women and four men, mixed ages) entering Ukraine.

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

During the same time, it also saw 24 cars (four with Ukrainian, 13 with Russian Federation and one with Georgian licence plates, as well as six with “DPR” plates), two covered cargo trucks with Ukrainian licence plates, a bus with “DPR” plates and three pedestrians (two men and a woman, aged 30-40) exiting Ukraine.

### **Two convoys of trucks, including some reading “Humanitarian Aid from the Russian Federation”, with Russian Federation licence plates in non government-controlled areas of Donetsk and Luhansk regions**

On 14 November, the SMM saw a convoy of 24 covered cargo trucks with Russian Federation licence plates (with “Humanitarian Aid from the Russian Federation” written in Russian on two of them) escorted by four cars with “DPR” plates arrive in front of a compound in the southern part of Donetsk city. Subsequently, it saw eight trucks enter the compound while 16 trucks (and the abovementioned four cars) continued driving in a south-easterly direction. On the same day, the SMM also saw 24 covered cargo trucks (with the abovementioned inscription on two of them) traveling in a south-easterly direction on road T-0509 on the south-eastern edge of Kuteinykove (non-government-controlled, 42km south-east of Donetsk).

On the same day, the SMM saw four people (mixed genders and ages, some of them holding a camera, a video camera and tripods) enter a compound of the armed formations in the southern part of non-government-controlled Luhansk city. It also saw three cars with “LPR” plates and 13 covered cargo trucks with Russian Federation licence plates (with “Humanitarian Aid from the Russian Federation” written in Russian on two of them) enter the same compound (two other cars of the armed formations accompanied the trucks to the entrance of the compound but did not enter it). The SMM saw that the trucks were being unloaded with a forklift (for previous observations in the area, see [SMM Daily Report 8 November 2019](#)).

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

The Mission monitored adherence to the ceasefire to facilitate an inspection of and repairs to water pipelines between Zolote-3/Stakhanovets (government-controlled, 62km west of Luhansk) and Popasna and near Zolote-5/Mykhailivka (non-government-controlled, 58km west of Luhansk), as well as repairs to power lines between Zolote-5/Mykhailivka and Berdianka (non-government-controlled, 45km west of Luhansk).

The SMM continued to facilitate the operation of the Donetsk Filtration Station (DFS) (15km north of Donetsk) and monitor the security situation around the pumping station near Vasylivka (non-government-controlled, 20km north of Donetsk). The SMM camera at the DFS and an SMM patrol positioned near the pumping station recorded ceasefire violations, including explosions, nearby (see table below).

### **\*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 Joint Centre for Control and Coordination 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.*

Denials of access:

- At a checkpoint west of Verkhnohyrokiivske (formerly Oktiabr, non-government-controlled, 85km south of Donetsk), a member of the armed formations [again](#) denied the SMM passage, citing “demining activities in the area”.

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

- The sides continued to deny the SMM full access, as well as the ability to travel certain roads previously identified as important for effective monitoring by the Mission and for civilians' movement, through failure to conduct comprehensive clearance of mines, UXO and other obstacles.

Conditional access:

- At a checkpoint of the armed formations in the Petrovskiyi district of Donetsk city (non-government-controlled, 15km south-west of Donetsk city centre), the SMM was allowed to proceed only upon escort by a truck of the armed formations.

### Table of weapons

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

Date	No. of weapons	Type of weapon	Location	Source of observation
<b>Government-controlled areas</b>				
14/11/2019	2	Surface-to-air- missile system (9K35 <i>Strela-10</i> )	Near the railway station in Rubizhne (84km north-west of Luhansk)	Patrol
	6	Self-propelled howitzer (2S7 <i>Pion</i> , 203mm), some of them without missile pods	Near a residential area and the railway station in Pokrovsk (formerly Krasnoarmiisk, 55km north-west of Donetsk)	

#### **Table of indications of military presence in the security zone<sup>7</sup>**

Date	No.	Type	Location	Source of observation
<b>Government-controlled areas</b>				
13/11/2019	3	Armoured personnel carrier (MT-LB)	In a residential area in Pobeda (27km west of Donetsk)	Patrol
14/11/2019	1	Infantry fighting vehicle (BMP-1)	In Popasna (69km west of Luhansk)	
	1	Infantry fighting vehicle (BMP-2)	In Zolote-2/Karbonit (62km west of Luhansk)	
	1	Armoured personnel carrier (MT-LB)	Near Orikhove (57km north-west of Luhansk)	

<sup>7</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 14 November 2019<sup>8</sup>**

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-4km SSE	Recorded	5	Projectile	ENE to WSW	N/K	14-Nov, 16:34
	2-4km SSE	Recorded	1	Muzzle flash		N/K	14-Nov, 16:53
	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	14-Nov, 16:53
	2-4km SSE	Recorded	1	Projectile	SSW to NNE	N/K	14-Nov, 16:55
	2-4km SE	Recorded	1	Explosion	Impact, (subsequent to previous event)	N/K	14-Nov, 16:55
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	300-800m S	Recorded	6	Projectile	ENE to WSW	N/K	13-Nov, 19:10
	300-800m SSE	Recorded	2	Projectile	NE to SW	N/K	13-Nov, 19:11
	300-800m S	Recorded	2	Muzzle flash		N/K	13-Nov, 19:29
	300-800m S	Recorded	1	Explosion	Undetermined	N/K	13-Nov, 19:29
	300-800m SSE	Recorded	1	Explosion	Undetermined	N/K	13-Nov, 19:29
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	2-4km SE	Recorded	2	Projectile	WSW to ENE	N/K	13-Nov, 18:49
	2-4km ESE	Recorded	3	Projectile	WSW to ENE	N/K	13-Nov, 18:55
	2-4km ESE	Recorded	2	Projectile	WSW to ENE	N/K	13-Nov, 19:38
	2-4km ESE	Recorded	1	Projectile	WSW to ENE	N/K	13-Nov, 19:39
	2-4km SE	Recorded	16	Projectile	WSW to ENE	N/K	13-Nov, 19:49
	2-4km ESE	Recorded	4	Projectile	WSW to ENE	N/K	13-Nov, 20:27
	2-4km SE	Recorded	14	Projectile	WSW to ENE	N/K	13-Nov, 21:43
	2-4km ESE	Recorded	2	Projectile	NNE to SSW	N/K	13-Nov, 21:53
	2-4km ESE	Recorded	16	Projectile	WSW to ENE	N/K	13-Nov, 22:26
	2-4km E	Recorded	1	Projectile	N to S	N/K	13-Nov, 22:26
	2-4km ESE	Recorded	1	Burst	WSW to ENE	N/K	13-Nov, 22:52
	2-4km ESE	Recorded	1	Burst	WSW to ENE	N/K	13-Nov, 22:58
	2-4km ESE	Recorded	3	Projectile	WSW to ENE	N/K	13-Nov, 22:59
	2-4km ESE	Recorded	4	Projectile	WSW to ENE	N/K	13-Nov, 23:55
	2-4km ESE	Recorded	7	Projectile	NNE to SSW	N/K	14-Nov, 00:15
	2-4km ESE	Recorded	1	Projectile	WSW to ENE	N/K	14-Nov, 00:49
	2-4km ESE	Recorded	9	Projectile	WSW to ENE	N/K	14-Nov, 00:50
	2-4km ESE	Recorded	2	Projectile	NNE to SSW	N/K	14-Nov, 01:25
	2-4km ESE	Recorded	3	Projectile	SW to NE	N/K	14-Nov, 01:51
	2-4km SE	Recorded	2	Projectile	WSW to ENE	N/K	14-Nov, 01:56
	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	14-Nov, 01:58
	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	14-Nov, 02:00
	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	14-Nov, 02:01
	2-4km SE	Recorded	3	Projectile	SW to NE	N/K	14-Nov, 02:03
	2-4km SE	Recorded	6	Projectile	SW to NE	N/K	14-Nov, 02:05
	2-4km SE	Recorded	4	Projectile	SW to NE	N/K	14-Nov, 02:06
	2-4km SE	Recorded	1	Projectile	In vertical flight	N/K	14-Nov, 02:11
	2-4km SE	Recorded	1	Projectile	NNE to SSW	N/K	14-Nov, 02:11
	2-4km ESE	Recorded	3	Projectile	NNE to SSW	N/K	14-Nov, 02:30
	2-4km ESE	Recorded	2	Projectile	In vertical flight	N/K	14-Nov, 02:30
	2-4km ESE	Recorded	8	Projectile	SW to NE	N/K	14-Nov, 02:30
	2-4km ESE	Recorded	6	Projectile	SW to NE	N/K	14-Nov, 03:00
2-4km ESE	Recorded	3	Projectile	SW to NE	N/K	14-Nov, 03:02	

<sup>8</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.



	2-4km ESE	Recorded	2	Projectile	NNE to SSW	N/K	14-Nov, 03:02
	2-4km SE	Recorded	3	Projectile	SW to NE	N/K	14-Nov, 03:18
	2-4km SE	Recorded	11	Projectile	WSW to ENE	N/K	14-Nov, 03:25
	2-4km SE	Recorded	5	Explosion	Undetermined	N/K	14-Nov, 03:25
	2-4km SE	Recorded	6	Projectile	SW to NE	N/K	14-Nov, 03:31
	2-4km ESE	Recorded	4	Projectile	SSW to NNE	N/K	14-Nov, 03:59
	2-4km SE	Recorded	1	Muzzle flash		N/K	14-Nov, 05:20
	2-4km ESE	Recorded	1	Projectile	SSW to NNE (subsequent to previous event)	N/K	14-Nov, 05:20
	2-4km ESE	Recorded	3	Projectile	SSW to NNE	N/K	14-Nov, 05:20
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 05:20
	3-5km ESE	Recorded	3	Projectile	NNE to SSW	N/K	14-Nov, 17:45
	3-5km ESE	Recorded	7	Projectile	SSW to NNE	N/K	14-Nov, 17:47
	4-8km ESE	Recorded	1	Projectile	In vertical flight	N/K	14-Nov, 18:18
	3-5km ENE	Recorded	3	Explosion	Undetermined	N/K	14-Nov, 18:19
	2-4km ENE	Recorded	1	Projectile	NNE to SSW	N/K	14-Nov, 18:19
	4-8km ESE	Recorded	5	Projectile	NNE to SSW	N/K	14-Nov, 18:19
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	2-4km SE	Recorded	1	Projectile	WSW to ENE	N/K	13-Nov, 18:59
SMM camera E of Lomakyne (government-controlled, 90km S of Donetsk)	2-4km E	Recorded	2	Projectile	NW to SE	N/K	13-Nov, 18:44
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	13-Nov, 19:24
	4-6km ENE	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 17:16
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km ENE	Recorded	1	Illumination flare	NNW to SSE	N/K	13-Nov, 21:37
	2-4km ENE	Recorded	1	Illumination flare	NNW to SSE	N/K	13-Nov, 21:48
	2-4km ENE	Recorded	1	Projectile	N to S	N/K	13-Nov, 22:05
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	2-4km N	Recorded	1	Projectile	W to E	N/K	13-Nov, 18:35
	2-4km N	Recorded	6	Projectile	W to E	N/K	13-Nov, 18:44
	2-4km N	Recorded	2	Explosion	Undetermined	N/K	13-Nov, 18:45
	2-4km N	Recorded	5	Projectile	E to W	N/K	13-Nov, 18:46
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	13-Nov, 18:47
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	13-Nov, 19:11
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	13-Nov, 19:27
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	13-Nov, 19:54
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	13-Nov, 20:30
	2-4km NNE	Recorded	5	Projectile	E to W	N/K	13-Nov, 20:39
	2-4km NNE	Recorded	1	Projectile	W to E	N/K	13-Nov, 20:39
	3-5km NNE	Recorded	4	Projectile	W to E	N/K	13-Nov, 20:43
	3-5km NNE	Recorded	5	Projectile	W to E	N/K	13-Nov, 20:49
	3-5km NNE	Recorded	1	Muzzle flash		N/K	13-Nov, 20:50
	3-5km NNE	Recorded	1	Projectile	W to E (subsequent to previous event)	N/K	13-Nov, 20:50
	3-5km NNE	Recorded	2	Projectile	W to E	N/K	13-Nov, 20:50
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	13-Nov, 21:11
	3-5km N	Recorded	3	Projectile	S to N	N/K	13-Nov, 21:25
	3-5km N	Recorded	1	Projectile	S to N	N/K	13-Nov, 23:27
	3-5km N	Recorded	8	Projectile	W to E	N/K	14-Nov, 00:03

	3-5km N	Recorded	1	Projectile	In vertical flight	N/K	14-Nov, 00:03
	3-5km N	Recorded	3	Projectile	WSW to ENE	N/K	14-Nov, 00:05
	3-5km N	Recorded	1	Projectile	ESE to WNW	N/K	14-Nov, 00:10
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 00:10
	3-5km N	Recorded	1	Projectile	S to N	N/K	14-Nov, 00:48
	3-5km N	Recorded	7	Projectile	E to W	N/K	14-Nov, 01:16
	3-5km N	Recorded	1	Projectile	In vertical flight	N/K	14-Nov, 01:16
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 01:23
	4-6km N	Recorded	1	Projectile	In vertical flight	N/K	14-Nov, 01:31
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 01:35
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 01:54
	4-6km N	Recorded	1	Explosion	Airburst	N/K	14-Nov, 01:54
	3-5km N	Recorded	2	Projectile	W to E	N/K	14-Nov, 03:41
	3-5km N	Recorded	1	Projectile	W to E	N/K	14-Nov, 05:15
	3-5km N	Recorded	4	Explosion	Undetermined	N/K	14-Nov, 05:40
	3-5km N	Recorded	3	Explosion	Undetermined	N/K	14-Nov, 05:41
	2-4km N	Recorded	1	Projectile	E to W	N/K	14-Nov, 16:47
	8-10km N	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 16:53
	6-8km N	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 16:54
	6-8km N	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 16:55
	3-5km N	Recorded	6	Projectile	E to W	N/K	14-Nov, 17:07
	3-5km N	Recorded	1	Projectile	W to E	N/K	14-Nov, 17:15
	3-5km N	Recorded	2	Projectile	E to W	N/K	14-Nov, 17:15
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 17:21
	4-6km N	Recorded	3	Projectile	W to E	N/K	14-Nov, 17:55
	4-6km N	Recorded	10	Projectile	W to E	N/K	14-Nov, 18:00
	6-8km N	Recorded	1	Explosion	Undetermined	N/K	14-Nov, 18:06
	4-6km N	Recorded	10	Projectile	W to E	N/K	14-Nov, 18:21
	4-6km N	Recorded	2	Projectile	E to W	N/K	14-Nov, 18:21
	3-5km N	Recorded	5	Projectile	W to E	N/K	14-Nov, 18:22
Donetsk city centre (non-government-controlled)	4km SE	Heard	3	Explosion	Outgoing	N/K	14-Nov, 09:58-10:12
	12-14km SW	Heard	3	Explosion	Undetermined	N/K	14-Nov, 10:17
About 8km NW of Donetsk city centre (non-government-controlled)	3-4km W	Heard	2	Explosion	Undetermined	N/K	14-Nov, 11:50
N edge of Vuhlehirsk (non-government-controlled, 49km NE of Donetsk)	5-7km N	Heard	1	Explosion	Undetermined	N/K	14-Nov, 09:55
	5-7km N	Heard	1	Explosion	Undetermined	N/K	14-Nov, 10:03
	5-7km N	Heard	1	Explosion	Undetermined	N/K	14-Nov, 10:05
	5-7km N	Heard	1	Explosion	Undetermined	N/K	14-Nov, 10:40
	5-7km N	Heard	1	Explosion	Undetermined	N/K	14-Nov, 10:55
About 1km E of Kruta Balka (non-government-controlled, 16km N of Donetsk)	3-4km SW	Heard	2	Burst		Small arms	14-Nov, 11:13
	3-4km SW	Heard	3	Explosion	Undetermined	N/K	14-Nov, 11:27-11:30
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km SE	Heard	20	Burst		Small arms	14-Nov, 09:00-09:30
	2-3km SE	Heard	10	Shot		Small arms	14-Nov, 09:00-09:30
	2-3km SE	Heard	32	Shot		Small arms	14-Nov, 09:37-09:50
	2-3km SE	Heard	6	Burst		Small arms	14-Nov, 09:37-09:50

	2-3km SE	Heard	4	Shot		Small arms	14-Nov, 09:55-10:22
	2-3km SE	Heard	10	Burst		Small arms	14-Nov, 09:55-10:22
	5-6km SSE	Heard	1	Explosion	Undetermined	N/K	14-Nov, 10:00
	2-3km SSW	Heard	1	Shot		Small arms	14-Nov, 12:57
	2-3km SSW	Heard	1	Shot		Small arms	14-Nov, 13:10
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km NE	Heard	1	Explosion	Undetermined	N/K	14-Nov, 10:27
	2-3km SE	Heard	2	Explosion	Undetermined	N/K	14-Nov, 10:29
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	14-Nov, 10:30
	2-3km SE	Heard	2	Explosion	Undetermined	N/K	14-Nov, 10:32
	2-3km ESE	Heard	2	Explosion	Undetermined	N/K	14-Nov, 10:59
	2-3km E	Heard	2	Explosion	Undetermined	N/K	14-Nov, 11:00
	2-3km SE	Heard	2	Explosion	Undetermined	N/K	14-Nov, 11:25
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	14-Nov, 11:26
	2-3km SE	Heard	2	Explosion	Undetermined	N/K	14-Nov, 11:28
	2-3km SE	Heard	2	Explosion	Undetermined	N/K	14-Nov, 11:29
	3-4km E	Heard	1	Explosion	Undetermined	N/K	14-Nov, 11:33
3-4km SE	Heard	2	Explosion	Undetermined	N/K	14-Nov, 11:43	
Orlivske (government-controlled, 82km S of Donetsk)	4-6km ESE	Heard	1	Explosion	Undetermined	N/K	14-Nov, 12:44
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-4km SSE	Heard	3	Explosion	Undetermined	N/K	13-Nov, 20:06
	3-4km SSE	Heard	4	Explosion	Undetermined	N/K	13-Nov, 20:08
	3-4km SSE	Heard	2	Explosion	Undetermined	N/K	13-Nov, 20:12
	3-4km SSE	Heard	60	Burst		HMG	13-Nov, 20:35-20:57
	3-4km SSE	Heard	2	Explosion	Undetermined	N/K	13-Nov, 20:58
	3-4km SSE	Heard	70	Burst		HMG	13-Nov, 20:58-21:05
	3-4km SSE	Heard	1	Explosion	Undetermined	N/K	13-Nov, 21:09
	3-4km SSE	Heard	6	Explosion	Undetermined	N/K	13-Nov, 21:14-21:20
	3-4km SSE	Heard	30	Burst		HMG	13-Nov, 21:14-21:20
	3-4km SSE	Heard	20	Burst		HMG	13-Nov, 21:20-21:30
	3-4km SSE	Heard	6	Explosion	Undetermined	N/K	13-Nov, 21:20-21:30
	3-4km SSE	Heard	5	Explosion	Undetermined	N/K	13-Nov, 21:35-21:38
	4-6km SSE	Heard	1	Explosion	Undetermined	N/K	13-Nov, 22:31
	3-4km SSE	Heard	9	Burst		HMG	13-Nov, 22:31
	3-4km SSE	Heard	15	Shot		Small arms	13-Nov, 22:31
	4-6km SSE	Heard	1	Explosion	Undetermined	N/K	13-Nov, 22:56
	3-4km SSE	Heard	9	Burst		HMG	13-Nov, 23:52
	3-4km SSE	Heard	6	Shot		Small arms	13-Nov, 23:52
	4-5km SSE	Heard	1	Explosion	Undetermined	N/K	14-Nov, 08:56
	5-7km S	Heard	4	Explosion	Undetermined	N/K	14-Nov, 14:19-14:20
	4-6km S	Heard	1	Explosion	Undetermined	N/K	14-Nov, 15:01
	4-6km SW	Heard	9	Burst		HMG	14-Nov, 15:01-15:06
4-6km S	Heard	12	Explosion	Undetermined	N/K	14-Nov, 15:11-15:13	

	4-6km SW	Heard	8	Explosion	Undetermined	N/K	14-Nov, 15:32-15:37
	5-7km ESE	Heard	2	Explosion	Undetermined	N/K	14-Nov, 15:38-15:40
	3-4km S	Heard	3	Explosion	Outgoing	Mortar (type N/K)	14-Nov, 15:56-15:59
	4-5km SSE	Heard	4	Explosion	Undetermined	N/K	14-Nov, 16:01-16:03
	4-5km SSE	Heard	6	Burst		Small arms	14-Nov, 16:03
	4-5km SSE	Heard	3	Burst		HMG	14-Nov, 16:06
	4-5km SSE	Heard	30	Burst		Small arms	14-Nov, 17:00-17:10
	4-5km SSE	Heard	10	Burst		HMG	14-Nov, 17:43
	4-5km SSE	Heard	1	Explosion	Undetermined	N/K	14-Nov, 17:58
	4-5km SSE	Heard	1	Explosion	Undetermined	N/K	14-Nov, 18:05
	4-5km SSE	Heard	10	Burst		HMG	14-Nov, 18:05
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	2-3km NE	Heard	3	Explosion	Undetermined	N/K	14-Nov, 09:30
	2-3km NE	Heard	4	Explosion	Undetermined	N/K	14-Nov, 09:39-09:41
	2-3km SW	Heard	2	Explosion	Undetermined	N/K	14-Nov, 10:28
	2-3km SSW	Heard	1	Explosion	Undetermined	N/K	14-Nov, 10:35
	2-3km SSW	Heard	3	Explosion	Undetermined	N/K	14-Nov, 11:00
	2-3km SSW	Heard	1	Explosion	Undetermined	N/K	14-Nov, 11:03
	2-3km SE	Heard	2	Explosion	Undetermined	N/K	14-Nov, 11:24-11:26
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	14-Nov, 11:24-11:26
Zaitseve (government controlled, 62km NE of Donetsk)	5-6km SW	Heard	1	Explosion	Undetermined	N/K	14-Nov, 10:50
About 1km S of Berestove (government-controlled, 90km NE of Donetsk)	4-5km E	Heard	3	Explosion	Undetermined	N/K	14-Nov, 11:05
	4-5km E	Heard	3	Burst		HMG	14-Nov, 11:05
	4-5km NE	Heard	5	Explosion	Undetermined	N/K	14-Nov, 11:20
	4-5km NE	Heard	3	Burst		HMG	14-Nov, 11:20
S edge of Spirne (government controlled, 96km N of Donetsk)	2-3km S	Heard	3	Explosion	Undetermined	N/K	14-Nov, 12:01
N edge of Popasna (government-controlled, 69km W of Luhansk)	6-8km NE	Heard	4	Explosion	Undetermined (assessed as outside the Zolote disengagement area)	N/K	13-Nov, 22:35-22:37
	5-7km S	Heard	3	Explosion	Undetermined	N/K	13-Nov, 22:38-22:40
	5-8km ESE	Heard	1	Explosion	Undetermined (assessed as outside the Zolote disengagement area)	N/K	14-Nov, 14:20-14:21
	10-15km S	Heard	5	Explosion	Undetermined	N/K	14-Nov, 15:35-15:37
S edge of Berezivske (non-government-controlled, 53km NW of Luhansk)	4-6km N	Heard	1	Explosion	Undetermined	N/K	14-Nov, 13:45

W edge of Pervomaisk (non-government-controlled, 58km W of Luhansk)	4-6km W	Heard	1	Explosion	Undetermined (assessed as outside the Zolote disengagement area)	N/K	14-Nov, 14:20-14:21
Zolote-4/Rodina (government-controlled, 59km W of Luhansk)	5-10km S	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-Nov, 14:20

### Map of Donetsk and Luhansk regions<sup>9</sup>



<sup>9</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).