

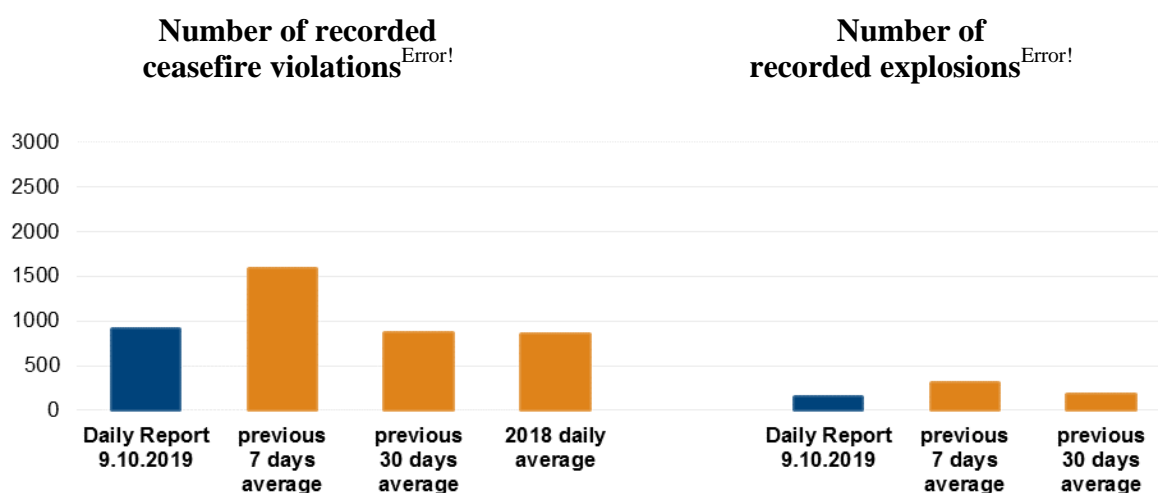
Daily Report 239/2019

9 October 2019¹

Summary

- Compared with the previous reporting period, the SMM recorded fewer ceasefire violations in Donetsk region and more in Luhansk region.
- The SMM saw damage to civilian properties in non-government-controlled Staromykhailivka.
- Inside the Stanytsia Luhanska disengagement area, the SMM saw ongoing dismantling works at the broken section of the bridge.
- The Mission saw a vehicle with a mounted heavy-machine gun and military personnel inside the Zolote disengagement area.
- The Mission recorded ceasefire violations inside and near the Petrivske disengagement area.
- The SMM monitored adherence to the ceasefire to facilitate repairs and the operation of critical civilian infrastructure, including repairs to water pipelines between Zolote-3/Stakhanovets and Popasna, repairs to power lines near Artema, as well as the drilling of wells near Raivka.
- Restrictions of the Mission's freedom of movement continued, including at non-government-controlled checkpoints in Bezimenne and Staromykhailivka.*

Ceasefire violations²



Map of recorded ceasefire violations

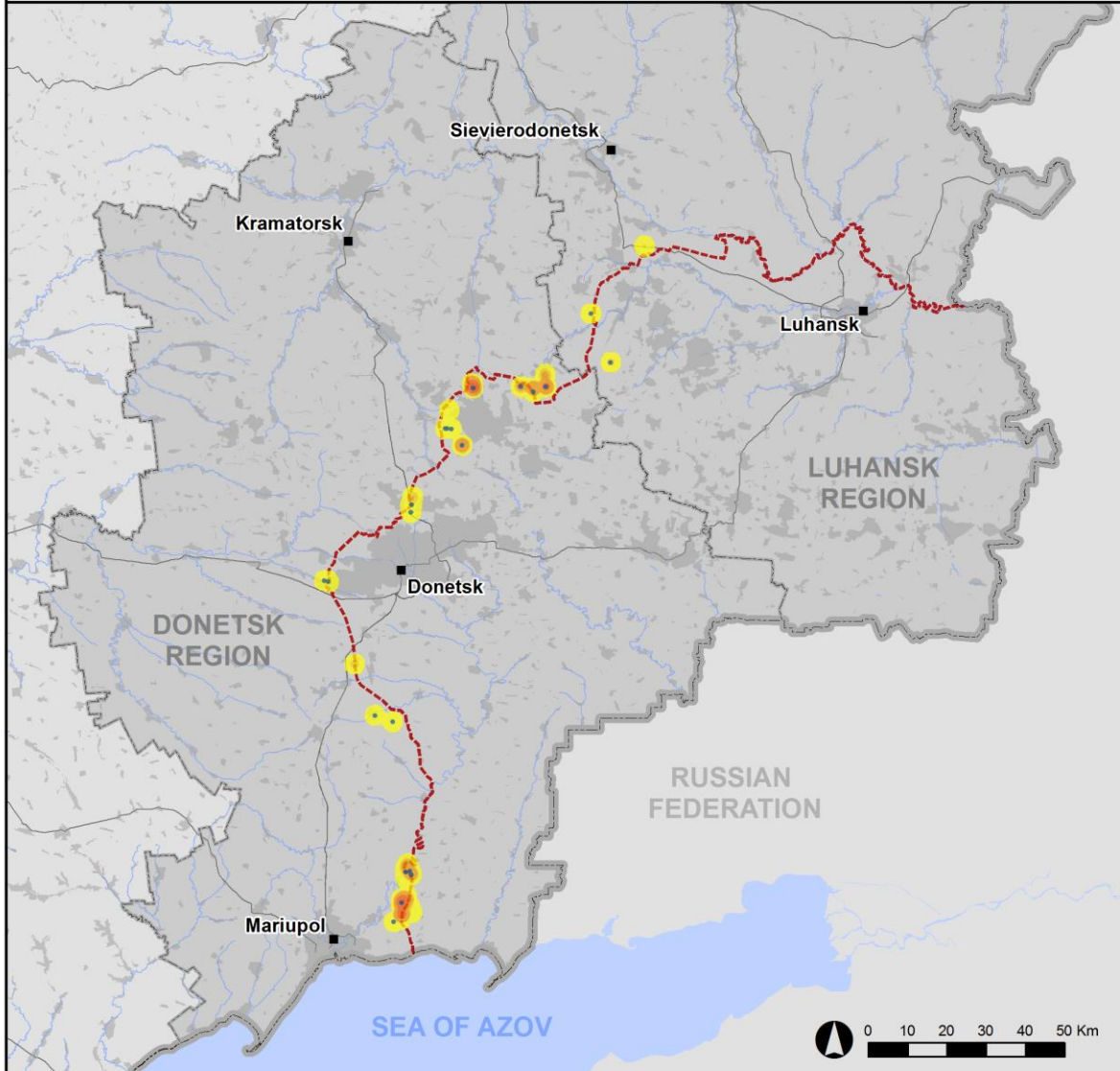
¹ Based on information from the Monitoring Teams as of 19:30, 8 October 2019. All times are in Eastern European Summer Time.

² For a complete breakdown of ceasefire violations, please see the annexed table.

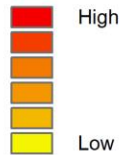
³ Including explosions.

⁴ Including from unidentified weapons.

Ceasefire violations observed by the SMM 8 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.

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Created: 09/10/2019

In Donetsk region, the SMM recorded fewer ceasefire violations including fewer explosions (about 140), compared with [the previous reporting period](#) (about 340 explosions). The majority of ceasefire violations were recorded in areas south-south-east and south of Pyschchevyk (government-controlled, 84km south of Donetsk), east-north-east and east of Maiorsk (government-controlled, 45km north-east of Donetsk) and at southerly directions of Svitlodarsk (government-controlled, 57km north-east of Donetsk).

In Luhansk region, the SMM recorded more ceasefire violations, the majority of which were explosions (12), compared with [the previous reporting period](#) (seven explosions). The majority of ceasefire violations, all explosions, were recorded in areas south-west and west of Kadiivka (formerly Stakhanov, non-government-controlled, 50km west of Luhansk).

Disengagement areas near Petrivske and Zolote⁵

Following the meeting of the Trilateral Contact Group on 1 October, during which a renewal of withdrawal of forces and hardware from the disengagement areas near Petrivske (non-government-controlled, 41km south of Donetsk) and near Zolote (government-controlled, 60km west of Luhansk) and a timeline of activities was agreed upon, the SMM received from armed formations in non-government-controlled areas of Donetsk and Luhansk regions notifications with baseline information and of their willingness to start renewed activities to withdraw forces and hardware from the disengagement areas on 9 October.

The Mission also received a Note Verbale from the Ministry of Foreign Affairs of Ukraine containing baseline information regarding the renewed withdrawal of forces and hardware.

Outside the reporting period, on 9 October, the SMM observed white flares fired by the armed formations at both disengagement areas, indicating their willingness to disengage, but since there was no reciprocated action, the activities related to withdrawal of forces and hardware did not commence.

On 7 October, inside the disengagement area near Zolote (government-controlled, 60km west of Luhansk), an SMM mini-unmanned aerial vehicle (UAV) spotted thick white smoke rising from around a military position of the Ukrainian Armed Forces in a field about 50m north-north-east of the railway bridge. Later on the same day and at the same location, the UAV spotted seven soldiers of the Ukrainian Armed Forces next to a destroyed shelter in the ground with burnt logs and water buckets around it. Within a 50m radius of the railway bridge, also inside the disengagement area, the same UAV spotted two soldiers of the Ukrainian Armed Forces and a military SUV.

On the same day, the same UAV [again](#) spotted stacks of about 280 anti-tank mines starting within the disengagement area and extending through the northern edge of the disengagement area. About 900m further east, it spotted three soldiers of the Ukrainian Armed Forces inside the disengagement area.

On 8 October, positioned on the northern edge of the disengagement area near Zolote, the SMM saw a military vehicle with a heavy-machine gun mounted on it enter the disengagement area. Inside the disengagement area, the SMM [again](#) saw a barbed wire with an attached sign on it about 90m north of the railway tracks and six obstacles on both sides of the road about 400m north of the railway bridge.

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

On the same day, outside the disengagement area near Zolote, about 10m north of its northern edge, in a field on the eastern side of the road, the SMM saw Ukrainian Armed Forces soldiers with a metal detector and demining tools clearing an area east of the road (for previous observation in this area see [SMM Daily Report 8 October](#)).

On the south-western edge of Zolote-4/Rodina (government-controlled, 59km west of Luhansk), the SMM saw for the first time a rectangular-shaped red coloured wooden sign (in Ukrainian language) in a field notifying the public about the prohibition to cross the area by foot or vehicles.

On 8 October, positioned about 2km north of the disengagement area near Petrivske (non-government-controlled, 41km south of Donetsk), the SMM heard and saw two undetermined explosions at an assessed range 3km south-west and heard three bursts of heavy-machine-gun fire at an assessed range of 3-4km south-west, all assessed as inside the disengagement area, as well as an undetermined explosion at an assessed range of 4-5km south-west (unable to assess whether inside or outside the disengagement area). Positioned in Bohdanivka (government-controlled, 41km south-west of Donetsk), the SMM heard an undetermined explosion at an undetermined distance south-south-east, assessed as outside the disengagement area.

On the same day, outside of the Petrivske disengagement area, the SMM saw for the first time two mine hazard signs in a field about 500m north-east of the road between Styla (non-government-controlled, 34km south of Donetsk) and Petrivske. The SMM also saw that a [previously observed](#) checkpoint on the northern edge of Petrivske was no longer present. The SMM was able to access its camera site near Petrivske for the first time since 1 September 2019.

Damage to civilian properties in non-government-controlled Staromykhailivka

The SMM followed up on reports of damage to civilian houses and a dental clinic in Staromykhailivka (non-government-controlled, 15km west of Donetsk). Accompanied by a member of the armed formations, at 7 Zhovtneva Street, the SMM saw a shattered window (covered by a plastic sheet and with shards of glass underneath it) and shrapnel marks next to the window, as well as a shrapnel mark with splinter grooves on the window's western side, all in the north-west facing wall of a single-storey dental clinic. Inside the building, the SMM saw shrapnel marks on the wall and furniture (opposite the aforementioned window). About 2.5m north-west of the clinic, the SMM saw two holes in a north-west-facing concrete fence and two craters in the tarmac of the road. Medical staff told the SMM that shelling had occurred on the evening of 6 October and that one staff member was in the clinic at the time (see [SMM Daily Report 3 October 2019](#) for previous reports of damage at this site, including to the dental clinic).

About 200m north-east, the SMM saw a broken window and shrapnel marks in the south-west facing wall of a two-storey building of a kindergarten at 5A Kalinina Street. No further assessment was possible due to a restriction of SMM's freedom of movement.*

About 380m west-south-west of the kindergarten, at 28 Zhovtneva Street, the SMM saw a hole in the roof of a single-storey house and debris on the tarmac underneath it and a hole in a west-facing window. About 3m west of the house, the SMM saw a hole in the roof of a summer kitchen. About 3m further west, the SMM saw a shattered window and a hole in a west-south-west-facing brick wall and a hole in the roof of a storage building.

About 10m west the SMM saw a hole and broken asbestos sheets in the roof of a single-storey house at 30 Zhovtneva Street. The SMM saw a man (aged 30-40) on the roof repairing it.

About 35m west, accompanied by a member of the armed formations, the SMM saw a hole and damaged asbestos sheets in the roof and a shattered north-facing attic window of a single-storey house at 34 Zhovtneva Street. The SMM assessed the latter as caused by the blast wave of an explosion. In an adjacent single-storey storage shed, the SMM saw a hole and missing bricks in the roof, as well as splinters of its wooden support struts scattered on the roof.

About 650m south-west, accompanied by a member of the armed formations, the SMM saw a crater about 5m south-west of a single-storey residential building (containing two apartments). In one apartment, at 9.1 Haharina Street, the SMM saw a hole in each of the two south-south-west-facing windows. In another apartment, at 9.2 Haharina Street, the SMM saw cracks in the glass of a south-south-west-facing window. In the same residential building, the SMM saw shrapnel marks assessed as recent in a door of a storage shed (see [SMM Daily Report 5 October 2019](#) for injuries to a resident of one of the apartments in this residential building).

The SMM assessed all the observed damage as recent, but could not assess the type of weapon used or direction of fire. Residents of the houses and staff of the dental clinic told the SMM that the shelling had occurred on 6 October.

Stanytsia Luhanska disengagement area

Inside the disengagement area, on the morning of 8 October, on the road about 200m north of the broken section of the Stanytsia Luhanska bridge (15km north-east of Luhansk), the SMM saw a truck crane removing logs from the side of the road. During the day, the SMM saw two mobile generators, a mobile crane, a vehicle with an elevator and a pickup truck in the area of the broken section of the bridge. It also observed nine workers from government-controlled areas cutting and removing metal parts from the broken section of the bridge and two others breaking the asphalt of the broken section of the bridge. The SMM also observed seven personnel of the State Emergency Service of Ukraine (SES) with a crane and a truck cutting and removing wood about 200m east of the broken section of the bridge. Throughout the day, the Mission saw a steady flow of pedestrians walking across the temporary bypass bridge in both directions.

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 no weapons in violation of withdrawal lines. It observed a weapon beyond the withdrawal lines but outside storage sites (for more details, see the table below).

Indications of military presence in the security zone⁶

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

The SMM observed military presence in the security zone in government-controlled areas, including armoured personnel carriers, an infantry fighting vehicle, a recent trench, and a trench extension (for more details, see the table below).

Mine hazard signs in Orikhove-Donetske

On 7 October, the SMM observed for the first time a mine hazard sign (reading “Caution, Mines” in Ukrainian language) attached to a tree on the southern edge of the main road on the western outskirts of Orikhove-Donetske (government-controlled, 44km north-west of Luhansk).

SMM facilitation of operation of and repair works to civilian infrastructure

The SMM monitored adherence to the ceasefire to facilitate the drilling of wells near Raivka (non-government-controlled, 16km north-west of Luhansk); to enable inspection and repair works on a water pipeline between Zolote-3/Stakhanovets (government-controlled, 61km north-west of Luhansk) and Popasna (government-controlled, 69km west of Luhansk); and to enable assessment and repair works on power lines near Artema (government-controlled, 26km north of Luhansk).

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

Population survey in non-government-controlled areas of Donetsk region

On 8 October, in Donetsk city (non-government-controlled) and Horlivka (non-government-controlled, 39km north-east of Donetsk), 13 people (mixed gender and ages) told the Mission that they had received information that a population survey was being conducted in non-government-controlled areas, with some of them having already participated in it. In Dokuchaievsk (non-government-controlled, 30km south-west of Donetsk) and Yasynuvata (non-government-controlled, 16km north-east of Donetsk), three women (mixed ages) told the SMM that they are conducting the survey by going house to house in their respective settlements.

Border areas not under government control

While at a border crossing point near Marynivka (78km east of Donetsk) for about an hour, the SMM saw 19 cars (two with Ukrainian and nine with Russian Federation licence plates and seven with “DPR” and one with “LPR” plates), two buses (with “DPR” plates) entering Ukraine. During the same time, the Mission saw 16 cars (three with Ukrainian and seven with Russian Federation licence plates, and five with “DPR” and one with “LPR” plates), three covered-cargo trucks (one with Ukrainian licence plates and two with “DPR” plates), three buses (with “DPR” plates) and three pedestrians (a man and two women) exiting Ukraine.

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

***Restrictions of the SMM's freedom of movement or other impediments to fulfilment of its mandate**

The SMM's monitoring and freedom of movement are restricted by security hazards and threats, including risks posed by mines, unexploded ordnance (UXO) and other impediments – which vary from day to day. The SMM's mandate provides for safe and secure access throughout Ukraine. All signatories of the Package of Measures have agreed on the need for this safe and secure access, that restriction of the SMM's freedom of movement constitutes a violation, and on the need for rapid response to these violations. They have also agreed that the JCCC should contribute to such response and co-ordinate mine clearance. Nonetheless, the armed formations in parts of Donetsk and Luhansk regions frequently deny the SMM access to areas adjacent to Ukraine's border outside control of the Government (for example, see [SMM Daily Report 5 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 about 2.5km west of Bezimenne (non-government-controlled, 100km south of Donetsk), a member of the armed formations [again](#) denied the SMM passage citing “an order from superiors”.

Conditional access:

- At a checkpoint in Staromykhailivka (non-government-controlled, 15km west of Donetsk), four armed members of the armed formations allowed the SMM to pass with an escort car from the armed formations for the duration of its presence in Staromykhailivka.

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.

Other impediments:

- On 5 October, an SMM long-range UAV lost its GPS signal due to signal interference assessed as caused by probable jamming while flying near Petrivske (non-government-controlled, 41km south of Donetsk), Pervomaiske (government-controlled, 17km north-west of Donetsk) and Novhorodske (government-controlled, 35km north of Donetsk). The same SMM long-range UAV lost its dual GPS signal due to signal interference assessed as caused by jamming while flying near Marinka (government-controlled, 23km south-west of Donetsk).⁷
- On 8 October, four SMM mini-UAVs lost their GPS signal due to signal interference assessed as caused by probable jamming while flying near Petrivske and Bohdanivka (government-controlled, 41km south-west of Donetsk).
- A staff member of a kindergarten in Staromykhailivka (non-government-controlled, 15km west of Donetsk) told the SMM that it could not conduct an impact site assessment (see above) in the premises of the facility without permission from those in control.

⁷ The interference could have originated from anywhere within the radius of kilometres from the UAVs' positions.

Table of weapons

Beyond withdrawal lines but outside of designated storage sites

Date	No. of weapons	Type of weapons	Location	Source of observation
Non-government-controlled areas				
08/10/2019	1	Tank (type unknown)	Training area near Ternove (57km east of Donetsk) (for previous observations, see SMM Daily Report 16 September 2019)	Patrol

Table of military presence in the security zone⁸

Date	No. of equipment	Type	Location	Source of observation
Government-controlled areas				
7/10/2019	1	Armoured personnel carrier (MT-LB)	Near Novozvanivka (70km west of Luhansk)	Long-range UAV
7/10/2019	1	An extension to a trench (not seen in imagery from 4 June 2019) running east to west for about 95m	Near Pyshchevyk (84km south of Donetsk)	Mini-UAV
	2	Armoured personnel carrier (BTR-80)		
7/10/2019	1	A recent trench (not seen in imagery from 4 June 2019) running west to east for about 80m.	Near Hnutove (90km south of Donetsk)	Mini-UAV
	1	Armoured personnel carrier (MT-LB ambulance variant)		
8/08/2019	2	Armoured multi-purpose towing vehicle (MT-LB) with an anti-aircraft gun (2A13, ZU-23, 23mm)	Near Peredilske (24km north-west of Luhansk)	Patrol
08/10/2019	1	Infantry fighting vehicle (BMP variant)	North of the northern edge of the disengagement area near Zolote (60km west of Luhansk)	Patrol

⁸ 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 8 October 2019⁹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-4km SE	Recorded	10	Projectile		N/K	7-Oct, 22:16
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	3-5km SSE	Recorded	3	Projectile		N/K	7-Oct, 18:50
	3-5km SSE	Recorded	1	Explosion	Undetermined	N/K	7-Oct, 18:50
	0.8-1.5km SSE	Recorded	1	Projectile		N/K	7-Oct, 18:51
	3-5km SSE	Recorded	4	Projectile		N/K	7-Oct, 18:53
	3-5km SSE	Recorded	4	Projectile		N/K	7-Oct, 18:54
	2-4km S	Recorded	1	Explosion	Undetermined	N/K	7-Oct, 18:55
	0.8-1.5km SSE	Recorded	5	Projectile		N/K	7-Oct, 19:11
	0.8-1.5km SSE	Recorded	3	Projectile		N/K	7-Oct, 19:12
	0.8-1.5km SSE	Recorded	1	Projectile		N/K	7-Oct, 19:20
	0.8-1.5km SSE	Recorded	2	Projectile		N/K	7-Oct, 19:28
	3-5km SSE	Recorded	4	Projectile		N/K	7-Oct, 19:29
	3-5km SSE	Recorded	5	Projectile		N/K	7-Oct, 19:30
	3-5km SSE	Recorded	1	Explosion	Undetermined	N/K	7-Oct, 19:30
	2-4km SSE	Recorded	2	Projectile		N/K	7-Oct, 19:31
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	7-Oct, 19:31
	2-4km SSE	Recorded	4	Projectile		N/K	7-Oct, 19:35
	3-5km SSE	Recorded	2	Projectile		N/K	7-Oct, 19:37
	3-5km SSE	Recorded	2	Projectile		N/K	7-Oct, 19:38
	3-5km S	Recorded	1	Projectile	In vertical flight	N/K	7-Oct, 19:39
	0.8-1.5km SSE	Recorded	1	Projectile		N/K	7-Oct, 19:40
	0.8-1.5km SSE	Recorded	3	Projectile		N/K	7-Oct, 19:41
	1-3km S	Recorded	9	Projectile		N/K	7-Oct, 19:42
	1-3km S	Recorded	6	Projectile		N/K	7-Oct, 19:44
	2-4km SSE	Recorded	3	Projectile		N/K	7-Oct, 20:30
	3-6km S	Recorded	1	Projectile		N/K	7-Oct, 21:19
	2-4km SSE	Recorded	1	Projectile		N/K	8-Oct, 01:34
2-4km S	Recorded	2	Projectile		N/K	8-Oct, 02:52	
2-4km SSE	Recorded	1	Projectile		N/K	8-Oct, 04:45	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	300-500m SSW	Recorded	1	Muzzle flash		N/K	7-Oct, 21:15
	300-700m SSW	Recorded	1	Projectile	Subsequent to previous event	N/K	7-Oct, 21:15
	300-500m SSW	Recorded	1	Muzzle flash		N/K	7-Oct, 21:30
	300-700m SSW	Recorded	1	Projectile	Subsequent to previous event	N/K	7-Oct, 21:30
	500-700m SSW	Recorded	1	Explosion	Undetermined, subsequent to previous event	N/K	7-Oct, 21:30
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	2-4km E	Recorded	3	Projectile		N/K	7-Oct, 21:10
SMM camera E of Lomakyne (government-controlled, 90km S of Donetsk)	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	7-Oct, 18:46
	4-6km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	7-Oct, 18:50

⁹ 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 at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km E	Recorded	1	Explosion	Undetermined	N/K	7-Oct, 20:32
	2-4km E	Recorded	5	Projectile		N/K	7-Oct, 20:41
	2-4km E	Recorded	5	Projectile		N/K	7-Oct, 20:42
	2-4km E	Recorded	4	Projectile		N/K	7-Oct, 20:46
	2-4km ENE	Recorded	4	Projectile		N/K	7-Oct, 20:46
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	7-Oct, 21:26
	2-4km E	Recorded	5	Projectile		N/K	7-Oct, 21:51
	2-4km E	Recorded	1	Projectile		N/K	7-Oct, 21:52
	2-4km E	Recorded	7	Projectile		N/K	7-Oct, 21:56
	2-4km E	Recorded	1	Projectile	In vertical flight	N/K	7-Oct, 21:57
	2-4km E	Recorded	2	Projectile		N/K	7-Oct, 22:05
	2-4km E	Recorded	3	Projectile		N/K	7-Oct, 22:05
	2-4km ENE	Recorded	1	Projectile		N/K	7-Oct, 22:06
	2-4km E	Recorded	1	Projectile		N/K	7-Oct, 22:06
	2-4km ENE	Recorded	4	Projectile		N/K	7-Oct, 22:56
	2-4km ENE	Recorded	7	Projectile		N/K	7-Oct, 22:56
	2-4km ENE	Recorded	14	Projectile		N/K	7-Oct, 22:59
	2-4km ENE	Recorded	4	Projectile		N/K	7-Oct, 23:02
	2-4km E	Recorded	4	Projectile		N/K	7-Oct, 23:07
	2-4km E	Recorded	1	Illumination flare	In vertical flight	N/K	7-Oct, 23:23
	2-4km E	Recorded	2	Projectile		N/K	7-Oct, 23:23
	2-4km ENE	Recorded	7	Projectile		N/K	7-Oct, 23:26
	2-4km E	Recorded	2	Projectile		N/K	7-Oct, 23:26
	2-4km E	Recorded	10	Projectile		N/K	7-Oct, 23:33
	2-4km E	Recorded	2	Projectile		N/K	7-Oct, 23:33
	2-4km E	Recorded	24	Projectile		N/K	7-Oct, 23:41
	2-4km E	Recorded	1	Projectile		N/K	7-Oct, 23:45
	2-4km E	Recorded	2	Projectile		N/K	7-Oct, 23:46
	2-4km ENE	Recorded	1	Projectile		N/K	7-Oct, 23:46
	2-4km E	Recorded	4	Projectile		N/K	7-Oct, 23:47
	2-4km E	Recorded	2	Projectile		N/K	7-Oct, 23:50
	2-4km E	Recorded	6	Projectile		N/K	7-Oct, 23:53
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 00:02
	2-4km E	Recorded	6	Projectile		N/K	8-Oct, 00:49
	2-4km E	Recorded	6	Projectile		N/K	8-Oct, 00:50
	2-4km ENE	Recorded	7	Projectile		N/K	8-Oct, 01:20
	2-4km E	Recorded	1	Illumination flare	In vertical flight	N/K	8-Oct, 02:11
	2-4km E	Recorded	6	Projectile		N/K	8-Oct, 02:24
	2-4km E	Recorded	1	Projectile	In vertical flight	N/K	8-Oct, 02:24
	2-4km E	Recorded	4	Projectile		N/K	8-Oct, 02:25
	2-4km ENE	Recorded	18	Projectile		N/K	8-Oct, 02:30
	2-4km E	Recorded	9	Projectile		N/K	8-Oct, 03:06
2-4km E	Recorded	1	Projectile		N/K	8-Oct, 03:08	
2-4km E	Recorded	2	Projectile		N/K	8-Oct, 03:55	
2-4km E	Recorded	1	Explosion	Undetermined	N/K	8-Oct, 05:28	
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km N	Recorded	1	Muzzle flash		N/K	7-Oct, 21:08
	2-4km N	Recorded	1	Muzzle flash		N/K	7-Oct, 21:08
	2-4km NNE	Recorded	1	Projectile	Subsequent to previous event	N/K	7-Oct, 21:08
	2-4km NNE	Recorded	2	Explosion	Undetermined	N/K	7-Oct, 21:08
	2-4km NNE	Recorded	1	Projectile		N/K	7-Oct, 21:45
	2-4km NNE	Recorded	1	Projectile		N/K	7-Oct, 21:45
SMM camera at entry-exit checkpoint in Pyshchevyk (government-controlled, 84km S of Donetsk)	2-4km S	Recorded	2	Projectile		N/K	7-Oct, 18:49
	3-5km S	Recorded	1	Projectile		N/K	7-Oct, 18:50
	3-5km S	Recorded	3	Projectile		N/K	7-Oct, 18:51
	3-5km S	Recorded	3	Projectile		N/K	7-Oct, 18:53
	3-5km S	Recorded	4	Projectile		N/K	7-Oct, 18:54

3-5km S	Recorded	1	Explosion	Undetermined	N/K	7-Oct, 18:55
3-5km S	Recorded	3	Projectile		N/K	7-Oct, 18:55
3-5km S	Recorded	6	Projectile		N/K	7-Oct, 18:56
3-5km S	Recorded	5	Projectile		N/K	7-Oct, 18:56
3-5km S	Recorded	2	Projectile		N/K	7-Oct, 18:57
3-5km S	Recorded	2	Projectile		N/K	7-Oct, 18:57
3-5km S	Recorded	3	Projectile		N/K	7-Oct, 18:58
3-5km S	Recorded	4	Projectile		N/K	7-Oct, 18:58
3-5km S	Recorded	1	Projectile		N/K	7-Oct, 18:59
3-5km S	Recorded	1	Projectile		N/K	7-Oct, 18:59
3-5km S	Recorded	3	Projectile		N/K	7-Oct, 19:00
3-5km S	Recorded	2	Projectile		N/K	7-Oct, 19:00
3-5km S	Recorded	1	Projectile		N/K	7-Oct, 19:06
3-5km S	Recorded	10	Projectile		N/K	7-Oct, 19:12
3-5km S	Recorded	2	Projectile		N/K	7-Oct, 19:13
3-5km S	Recorded	5	Projectile		N/K	7-Oct, 19:14
6-8km S	Recorded	2	Projectile		N/K	7-Oct, 19:29
6-8km S	Recorded	5	Projectile		N/K	7-Oct, 19:30
6-8km S	Recorded	2	Projectile		N/K	7-Oct, 19:30
6-8km S	Recorded	1	Projectile		N/K	7-Oct, 19:33
6-8km S	Recorded	8	Projectile		N/K	7-Oct, 19:34
6-8km S	Recorded	4	Projectile		N/K	7-Oct, 19:35
6-8km S	Recorded	3	Projectile		N/K	7-Oct, 19:35
6-8km S	Recorded	6	Projectile		N/K	7-Oct, 19:36
6-8km S	Recorded	4	Projectile		N/K	7-Oct, 19:36
6-8km S	Recorded	1	Projectile		N/K	7-Oct, 19:39
3-5km S	Recorded	2	Projectile		N/K	7-Oct, 19:40
3-5km S	Recorded	2	Projectile		N/K	7-Oct, 19:52
6-8km S	Recorded	3	Projectile		N/K	7-Oct, 20:14
3-5km S	Recorded	1	Explosion	Undetermined	N/K	7-Oct, 20:19
6-8km S	Recorded	3	Projectile		N/K	7-Oct, 20:51
6-8km S	Recorded	2	Projectile		N/K	7-Oct, 20:53
3-5km S	Recorded	2	Projectile	Also recorded by Chermalyk camera	N/K	7-Oct, 21:20
3-5km S	Recorded	1	Projectile		N/K	7-Oct, 21:21
3-5km S	Recorded	12	Projectile		N/K	7-Oct, 21:29
6-8km S	Recorded	8	Projectile		N/K	7-Oct, 22:26
3-5km S	Recorded	1	Projectile		N/K	7-Oct, 22:40
6-8km S	Recorded	12	Projectile		N/K	7-Oct, 22:43
6-8km S	Recorded	10	Projectile		N/K	7-Oct, 22:48
2-4km SSE	Recorded	12	Projectile	Also recorded by Hnutove and Chermalyk cameras	N/K	7-Oct, 22:48
6-8km SSE	Recorded	6	Projectile	Also recorded by Hnutove camera	N/K	7-Oct, 22:53
6-8km S	Recorded	20	Projectile		N/K	7-Oct, 22:54
6-8km S	Recorded	1	Projectile		N/K	7-Oct, 22:55
6-8km S	Recorded	1	Projectile	In vertical flight	N/K	7-Oct, 22:57
3-5km S	Recorded	15	Projectile		N/K	7-Oct, 23:00
4-6km S	Recorded	12	Projectile		N/K	7-Oct, 23:02
4-6km S	Recorded	1	Projectile		N/K	7-Oct, 23:25
4-6km S	Recorded	2	Projectile		N/K	7-Oct, 23:30
4-6km S	Recorded	4	Projectile		N/K	7-Oct, 23:34
4-6km S	Recorded	2	Projectile		N/K	7-Oct, 23:35
4-6km SSE	Recorded	1	Projectile		N/K	7-Oct, 23:50
4-6km S	Recorded	1	Projectile		N/K	8-Oct, 02:00
4-6km S	Recorded	1	Projectile		N/K	8-Oct, 02:04

	2-4km SSE	Recorded	14	Projectile	Also recorded by Hnutove camera	N/K	8-Oct, 02:37
	2-4km S	Recorded	12	Projectile	Also recorded by Hnutove camera	N/K	8-Oct, 02:40
	2-4km S	Recorded	10	Projectile	Also recorded by Hnutove camera	N/K	8-Oct, 02:41
	2-4km S	Recorded	12	Projectile	Also recorded by Hnutove camera	N/K	8-Oct, 02:42
	3-5km S	Recorded	2	Projectile		N/K	8-Oct, 04:49
	3-5km S	Recorded	6	Projectile	In vertical flight	N/K	8-Oct, 04:56
	3-5km SSE	Recorded	6	Projectile	Also recorded by Hnutove camera	N/K	8-Oct, 05:57
	3-5km SSE	Recorded	8	Projectile	In vertical flight	N/K	8-Oct, 05:57
Oleksandrivka (non-government-controlled, 20km SW of Donetsk)	1-2km W	Heard	5	Burst		Small arms	8-Oct, 10:08-10:14
	1-2km W	Heard	36	Shot		Small arms	8-Oct, 10:08-10:14
About 1.8km N of Petrivske (non-government-controlled, 41km S of Donetsk)	3km SW	Heard and saw	1	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	8-Oct, 11:50
	3-4km SW	Heard	3	Burst	Assessed as inside the disengagement area	HMG	8-Oct, 12:11
	3km SW	Heard and saw	1	Explosion	Assessed as inside the disengagement area	Artillery (type N/K)	8-Oct, 14:10
	4-5km SW	Heard	1	Explosion	Undetermined (unable to assess whether inside or outside the disengagement area)	N/K	8-Oct, 15:23
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-4km SW	Heard	2	Explosion	Undetermined	N/K	8-Oct, 14:20
	2-4km SW	Heard	1	Explosion	Undetermined	N/K	8-Oct, 14:22
	2-4km SW	Heard	1	Explosion	Undetermined	N/K	8-Oct, 14:23
	2-3km NW	Heard	2	Shot		Small arms	8-Oct, 14:26
	2-4km SW	Heard	1	Explosion	Undetermined	N/K	8-Oct, 14:28
	2-4km SW	Heard	1	Explosion	Undetermined	N/K	8-Oct, 14:29
	2-3km NW	Heard	11	Shot		Small arms	8-Oct, 14:44
Bohdanivka (government-controlled, 41km SW of Donetsk)	N/K SSE	Heard	1	Explosion	Undetermined (assessed as outside the Petrivske disengagement area)	N/K	8-Oct, 14:10
Novohnativka (government-controlled, 40km S of Donetsk)	N/K E	Heard	1	Explosion	Undetermined	N/K	8-Oct, 11:50
Horlivka (non-government-controlled, 39km NE of Donetsk)	5-7km W	Heard	5	Explosion	Undetermined	N/K	7-Oct, 19:23-19:28
	4-5km W	Heard	1	Explosion	Undetermined	N/K	7-Oct, 19:25
	5-6km W	Heard	2	Explosion	Undetermined	N/K	7-Oct,

							19:25-19:39
	4-5km SSW	Heard	52	Explosion	Undetermined	N/K	8-Oct, 07:31-07:40
About 7.5km NW of Horlivka (non-government-controlled, 39km NE of Donetsk)	0.7-1km NW	Heard	5	Shot		Small arms	8-Oct, 09:24
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-5km SE	Heard	5	Explosion	Undetermined	N/K	7-Oct, 18:30-18:33
	4-5km SW	Heard	8	Explosion	Undetermined	N/K	7-Oct, 18:37-18:41
	4-5km SW	Heard	4	Explosion	Undetermined	N/K	7-Oct, 18:42-18:46
	4-5km SE	Heard	8	Explosion	Undetermined	N/K	7-Oct, 18:50-18:53
	3-4km S	Heard	18	Shot		Small arms	7-Oct, 18:51-18:53
	4-5km SE	Heard	4	Explosion	Undetermined	N/K	7-Oct, 18:59-19:01
	4-5km SE	Heard	2	Explosion	Undetermined	N/K	7-Oct, 19:05-19:07
	4-5km SW	Heard	4	Explosion	Undetermined	N/K	7-Oct, 19:17-19:20
	4-5km SE	Heard	7	Burst		HMG	7-Oct, 19:18-19:21
	4-5km SE	Heard	6	Explosion	Undetermined	N/K	7-Oct, 20:24-20:26
	3-4km S	Heard	22	Shot		Small arms	7-Oct, 20:34-20:38
	4-5km SE	Heard	11	Burst		HMG	7-Oct, 20:37-20:40
	4-5km SE	Heard	4	Burst		HMG	7-Oct, 21:00
	4-5km SE	Heard	9	Burst		HMG	7-Oct, 21:14-21:17
	4-5km SW	Heard	2	Explosion	Undetermined	N/K	7-Oct, 21:14-21:17
	3-4km S	Heard	12	Shot		Small arms	7-Oct, 21:35-21:37
	4-5km SW	Heard	4	Burst		HMG	7-Oct, 21:59-22:00
	4-5km SE	Heard	3	Explosion	Undetermined	N/K	7-Oct, 22:35-22:37
	4-5km SE	Heard	8	Burst		HMG	7-Oct, 22:48-22:51
	4-5km S	Heard	2	Explosion	Undetermined	N/K	7-Oct, 22:58
	4-5km SE	Heard	5	Burst		HMG	7-Oct, 23:05
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	7-Oct, 23:34
	4-5km SE	Heard	2	Explosion	Undetermined	N/K	8-Oct, 17:11
4-5km SE	Heard	6	Explosion	Undetermined	N/K	8-Oct, 17:48	
Kadiivka (formerly Stakhanov, non-government-controlled, 50km W of Luhansk)	15-20km SW	Heard	9	Explosion	Undetermined	N/K	8-Oct, 00:20-00:34
	15-20km W	Heard	3	Explosion	Undetermined	N/K	8-Oct, 00:36
NE edge of Orikhove (government-controlled, 57km NW of Luhansk)	2km E	Heard	5	Shot		Small arms	8-Oct, 11:20-11:22
	2km E	Heard	2	Burst		Small arms	8-Oct, 11:20-11:22

Map of Donetsk and Luhansk regions¹⁰



¹⁰ 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).