

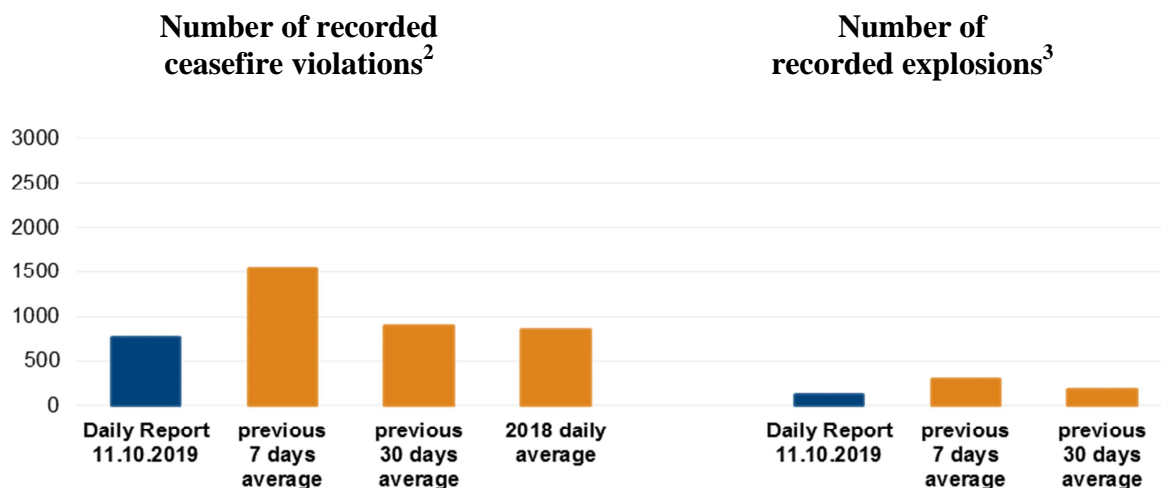
Daily Report 241/2019

11 October 2019¹

Summary

- Compared with the previous reporting period, the SMM recorded fewer ceasefire violations in both Donetsk and Luhansk regions.
- Inside the Stanytsia Luhanska disengagement area, the SMM saw ongoing dismantling works at the broken section of the bridge.
- The SMM observed illumination flares signalling readiness to renew disengagement in both the Zolote and Petrivske disengagement areas by the armed formations, however, the activities related to the renewal of the disengagement did not commence.
- The Mission observed weapons in violation of withdrawal lines in government-controlled areas of Donetsk region and non-government-controlled areas of Luhansk region.
- The SMM facilitated and monitored adherence to the ceasefire to facilitate repairs of critical civilian infrastructure on both sides of the contact line, including to power lines near Artema and gas pipelines near Betmanove, maintenance works at the Phenol Sludge Reservoir near Zalizne, as well as the drilling of wells near Raivka.
- Restrictions of the Mission's freedom of movement continued, including at a checkpoint of the armed formations near Zaichenko.*

Ceasefire violations¹



¹ For a complete breakdown of ceasefire violations, please see the annexed table.

² Including explosions.

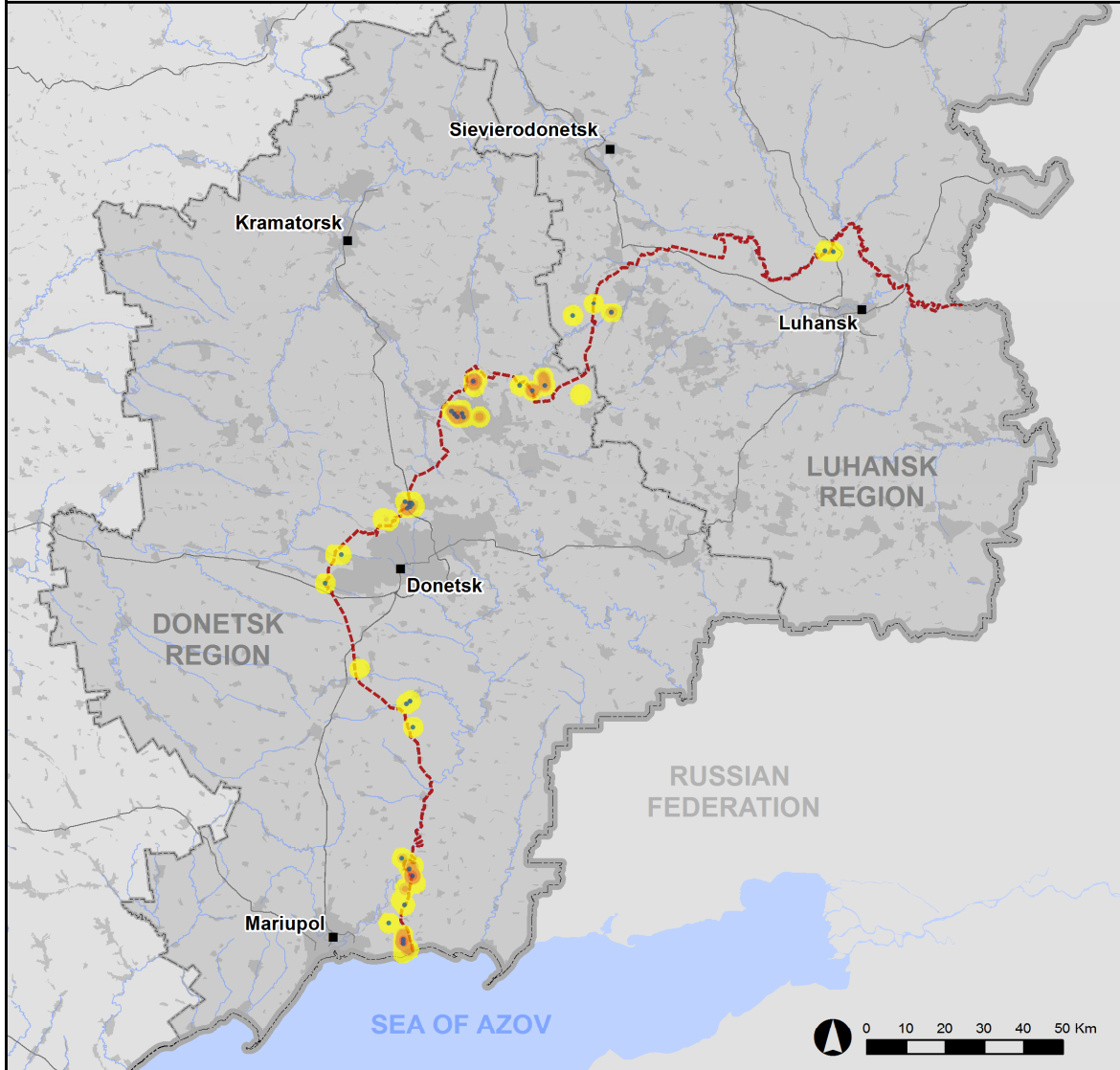
³ Including from unidentified weapons.

Map of recorded ceasefire violations

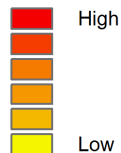


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 10 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: 11/10/2019

In Donetsk region, the SMM recorded fewer ceasefire violations, however, more explosions (about 90), compared with the [previous reporting period](#) (about 70 explosions). The majority of ceasefire violations were recorded in areas north and north-east of Shyrokyne (government-controlled, 100km south of Donetsk) and in areas south-south-east of Chermalyk (government-controlled, 77km south of Donetsk).

In Luhansk region, the SMM recorded fewer ceasefire violations, however, more explosions (24), compared with the [previous reporting period](#) (22 explosions). The majority of ceasefire violations, including the majority of explosions, were recorded at westerly directions of Kadiivka (formerly Stakhanov, non-government-controlled, 50km west of Luhansk).

Stanytsia Luhanska disengagement area

In the afternoon of 9 October and during the day on 10 October, the SMM continued to observe ten workers from government-controlled areas cutting metal parts of the broken section of the Stanytsia Luhanska bridge (15km north-east of Luhansk) and digging a new foundation at the northern edge of it. On 10 October, the Mission saw 14 workers from government-controlled areas with a crane, an excavator and two trucks cutting trees and vegetation, east of the road, along a 300m stretch from the broken section of the bridge northwards. On the evening of the same day, it saw that most of the metal parts of the broken section of the bridge had been removed.

On 10 October, the Mission saw seven workers from non-government-controlled areas clearing vegetation on the western side of the road, south of the broken section of the bridge, and smoke emanating from burning garbage and vegetation. In the afternoon, the Mission saw a white truck moving from the checkpoint of the armed formations to a location near the blue container (50m south of the broken section of the bridge) and four men in civilian clothing unloading parts of benches from it.

Disengagement areas near Zolote and Petrivske⁴

Following a 1 October [meeting of the Trilateral Contact Group](#), during which a renewal of withdrawal of forces and hardware from the disengagement areas near Zolote (government-controlled, 60km west of Luhansk) and Petrivske (non-government-controlled, 41km south of Donetsk) and a timeline of activities were agreed upon, at 12:00 on 10 October, the SMM saw members of the armed formations, around 300m north of the checkpoint of the armed formations on the southern edge of the Zolote disengagement area, fire two white illumination flares, signalling readiness to renew disengagement. But since there was no reciprocal action, the activities related to withdrawal of forces and hardware did not commence.

The Mission saw six men (aged 20-30) – five in civilian and one in military style clothing – outside the checkpoint of the Ukrainian Armed Forces on the northern edge of the disengagement area near Zolote (for previous observations, see [SMM Daily Report 10 October](#)).

On 9 October, inside the disengagement area near Zolote, an SMM mini-unmanned aerial vehicle (UAV) spotted two persons in military clothing just south of its northern edge and about 2km east of its western edge. Also inside the disengagement area, the UAV spotted

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

three people in military clothing: one about 750m south-east and two about 1km east of the Ukrainian Armed Forces checkpoint on the northern edge of the disengagement area.

Inside the Zolote disengagement area, throughout the day on 10 October, the SMM saw 15-20 Ukrainian Armed Forces personnel and three trucks clearing vegetation on the eastern and western sides of road T-1316, up to 400m south of the northern edge of the disengagement area. Around 370m south of the northern edge of the disengagement area, the SMM saw 13 anti-tank mines (TM-62M) without fuses placed in rows on both sides of the road. About 250m south of the northern edge of the disengagement area, the Mission saw a Ukrainian Armed Forces personnel with a metal detector and a prodding device checking the shoulder of the road. On four instances, inside the disengagement area, the SMM heard four explosions, assessed as controlled detonation of unexploded ordnance.

At the northern edge of the disengagement area, the SMM [again](#) saw three excavators and one engineering vehicle (BAT-2) operating in the fields. Also, outside the disengagement area, near a Ukrainian Armed Forces checkpoint on its northern edge, during the same day, the SMM observed a UAV being launched by Ukrainian Armed Forces personnel. About ten minutes later, it saw the UAV returning north from the direction of the disengagement area.

At 12:11, 14:10 and 15:00 on 10 October, about 300m north-east of the Petrivske disengagement area's north-eastern corner, the SMM saw a member of the armed formations launching an illumination flare, signalling readiness to renew disengagement. But since there was no reciprocal action, the activities related to withdrawal of forces and hardware did not commence.

On 9 October, inside the Petrivske disengagement area, an SMM mini-UAV spotted two persons in military clothing, assessed as Ukrainian Armed Forces personnel, near a treeline about 540m south of the northern edge of the disengagement area and about 1.4km east of its western edge, as well as two Ukrainian Armed Forces personnel about 500m south of the disengagement area's northern edge and about 700m east of its western edge and two Ukrainian Armed Forces personnel about 1.3km further east. A mini-UAV flight [again](#) spotted nine anti-tank mines (TM-62) laid out in two rows 180m north of the northern edge, 650m east of the north-western edge of the disengagement area, blocking the road connecting Bohdanivka to Viktorivka (non-government-controlled, 42km south-west of Donetsk), and [again](#) spotted 38 anti-tank mines (TM-62M) blocking the road 120m further west. On the same day, inside the disengagement area, an SMM mini-UAV [again](#) spotted an armoured reconnaissance vehicle (BRDM-2) about 1km south of its northern edge and 1.8km east of its western edge and [again](#) spotted an armoured personnel carrier (APC) (BTR-80), two heavy utility trucks, and six men in military clothing, assessed as Ukrainian Armed Forces Personnel, about 700m west.

Positioned in two locations north of Petrivske and in Petrivske, the Mission heard nine undetermined explosions at an assessed range of 2-4km north-west and an undetermined explosion at an assessed range of 4-5km south, all assessed as outside the disengagement area.

Withdrawal of weapons

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

The Mission observed nine weapons in violation of withdrawal lines in government-controlled areas of Donetsk region and non-government-controlled areas of Luhansk region.

It also observed 64 weapons beyond withdrawal lines but outside storage sites in non-government-controlled areas of Luhansk region and government-controlled areas of Donetsk region (for more details, see the tables below).

Indications of military and military-type presence in the security zone⁵

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

Cargo train in non-government-controlled area

On 10 October, near the railway station in Yasynuvata (non-government-controlled, 16km north-east of Donetsk), the SMM saw a train heading north-west powered by a locomotive pulling at least four gas wagons, a gravel wagon, and at least four wagons (unable to assess whether they were full or empty). At least three wagons had administrative numbers of the Russian Federation, while at least three other wagons had the logo of a bank registered in the Russian Federation.

SMM facilitation of operation of and repair works to civilian infrastructure

The SMM monitored adherence to the ceasefire to facilitate repairs to power lines servicing the Petrivske pumping station near Artema (government-controlled, 26km north of Luhansk), the drilling of wells near Raivka (non-government-controlled, 16km north-west of Luhansk), maintenance of the Phenol Sludge Reservoir near Zalizne (formerly Artemove, government-controlled, 42km north-east of Donetsk), and to enable gas pipeline repairs near Betmanove (formerly Krasnyi Partyzan, non-government-controlled, 23km north-east of Donetsk).

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

The SMM monitored adherence to the ceasefire in order to enable a transfer of funds from non-government- to government-controlled areas in Luhansk region, reportedly related to water payments.

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

On 10 October, three women in their fifties from non-government-controlled areas of Donetsk region told the SMM that they had participated in a population survey. At a population survey centre located in a school in non-government-controlled Donetsk city, a woman conducting the survey told the SMM that she had been involved for its remuneration. She added that, while most of the survey is conducted by going door to door, the centre is open on a daily basis for those who were unable to participate in such surveys from their homes. She further stated that no identification document was required to participate in a survey; although no information would be gathered over the phone.

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

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.

Denial of access:

- At a checkpoint 800m north of Zaichenko (non-government-controlled, 93km south of Donetsk), a member of the armed formations [again](#) prevented the SMM from proceeding towards Pikuzy (formerly Kominternove, non-government-controlled, 92km south of Donetsk) and Sakhanka (non-government-controlled, 97km south of Donetsk) 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.

Table of weapons

Weapons in violation of the withdrawal lines

Date	No. of weapons	Type of weapons	Location	Source of observation
Government-controlled areas				
10/10/2019	4	Multiple launch rocket system (BM-21 <i>Grad</i> , 122mm), of which one with black and red flag mounted on top	Near Selidove (41km north-west of Donetsk)	Patrol
Non-government-controlled areas				
07/10/2019	5	Multiple launch rocket system	Training area near Myrne (28km south-west of Luhansk)	Aerial imagery

Beyond withdrawal lines but outside of designated storage sites

Date	No. of weapons	Type of weapons	Location	Source of observation
Non-government-controlled areas				
07/10/2019	17	Tank (type undetermined)	Training area near Kruhlyk (31km south-west of Luhansk)	Aerial imagery
	22	Tank (type undetermined)	Training area near Myrne (28km south-west of Luhansk) (aerial imagery available to the SMM also revealed the presence of 58 armoured combat vehicles inside this training area) ⁶	
	11	Towed howitzer or mortar		
	9	Self-propelled howitzer or mortar		
Government-controlled areas				
10/10/2019	1	Towed howitzer (2A36 <i>Giatsint-B</i> , 152mm)	Sloviansk (95km north of Donetsk)	Patrol
	1	Towed howitzer (2A65 <i>Msta-B</i> , 152mm)		
	1	Anti-tank gun (MT-12 <i>Rapira</i> , 100mm)		
10/10/2019	1	Multiple launch rocket system (BM-21 <i>Grad</i> , 122mm)	Near Rodynske (59km north-west of Donetsk)	Patrol
	1	Towed howitzer (D-20, 152mm)		

Table of military and military-type presence in the security zone⁷

Date	No.	Type	Location	Source of observation
Government-controlled areas				
09/10/2019	16	Armoured personnel carrier (BTR-70)	In and near Avdiivka (17km north of Donetsk)	Mini-UAV
	8	Infantry fighting vehicle (BTR-4)		
Non-government-controlled areas				
09/10/2019	1	Armoured combat vehicle	Near Vesela Hora (16km north of Luhansk)	Mini-UAV
	3	Infantry fighting vehicle (BMP-2) (one probable)		

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

⁷ The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

1	Armoured combat vehicle	Near Petrivske (24km north of Donetsk)
5	Infantry fighting vehicle (BMP-1) (one probable)	Near Novoselivka (31km north-east of Donetsk)

Table of ceasefire violations as of 10 October 2019⁸

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	4-6km SE	Recorded	3	Projectile	SW to NE	N/K	9-Oct, 23:07
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	0.8-1.5km SSE	Recorded	1	Projectile	W to E	N/K	9-Oct, 21:30
	2-4km SE	Recorded	3	Projectile	WSW to ENE	N/K	9-Oct, 21:48
	2-4km SSE	Recorded	1	Projectile	N to S	N/K	9-Oct, 21:48
	2-4km SE	Recorded	6	Projectile	WSW to ENE	N/K	9-Oct, 21:49
	2-4km SE	Recorded	3	Projectile	WSW to ENE	N/K	9-Oct, 21:50
	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	9-Oct, 22:14
	2-4km SSE	Recorded	1	Projectile	NNW to SSE	N/K	9-Oct, 23:41
	2-4km SSE	Recorded	1	Projectile	WSW to ENE	N/K	9-Oct, 23:41
	2-4km SSE	Recorded	4	Projectile	WSW to ENE	N/K	10-Oct, 00:01
	4-6km SSE	Recorded	4	Projectile	WSW to ENE	N/K	10-Oct, 00:48
	4-6km SSE	Recorded	1	Projectile	ENE to WSW	N/K	10-Oct, 00:48
	4-6km SSE	Recorded	4	Projectile	ENE to WSW	N/K	10-Oct, 00:49
	4-6km SSE	Recorded	2	Projectile	WSW to ENE	N/K	10-Oct, 00:49
	4-6km SSE	Recorded	17	Projectile	ENE to WSW	N/K	10-Oct, 00:50
	4-6km SSE	Recorded	3	Projectile	WSW to ENE	N/K	10-Oct, 00:50
	4-6km SSE	Recorded	13	Projectile	ENE to WSW	N/K	10-Oct, 00:51
	4-6km SSE	Recorded	2	Projectile	WSW to ENE	N/K	10-Oct, 00:51
	4-6km SSE	Recorded	9	Projectile	ENE to WSW	N/K	10-Oct, 00:52
	4-6km SSE	Recorded	1	Projectile	WSW to ENE	N/K	10-Oct, 00:52
	4-6km SSE	Recorded	15	Projectile	ENE to WSW	N/K	10-Oct, 00:53
	4-6km SSE	Recorded	1	Projectile	ENE to WSW	N/K	10-Oct, 00:55
	4-6km SSE	Recorded	6	Projectile	ENE to WSW	N/K	10-Oct, 00:56
	4-6km SSE	Recorded	6	Projectile	ENE to WSW	N/K	10-Oct, 00:57
	4-6km SSE	Recorded	5	Projectile	ENE to WSW	N/K	10-Oct, 00:58
	4-6km SSE	Recorded	4	Projectile	WSW to ENE	N/K	10-Oct, 00:58
	4-6km SSE	Recorded	2	Projectile	ENE to WSW	N/K	10-Oct, 00:59
	4-6km SSE	Recorded	5	Projectile	WSW to ENE	N/K	10-Oct, 00:59
	6-8km SSE	Recorded	1	Illumination flare	In vertical flight	N/K	10-Oct, 01:49
	2-4km SSE	Recorded	1	Projectile	NE to SW	N/K	10-Oct, 02:57
	2-4km SSE	Recorded	1	Explosion	Airburst	N/K	10-Oct, 03:03
	4-6km SSE	Recorded	1	Explosion	Undetermined	N/K	10-Oct, 03:21
	SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-3km SSW	Recorded	3	Projectile	In vertical flight	N/K
1-3km SSW		Recorded	8	Projectile	E to W	N/K	9-Oct, 19:02
1-3km SSW		Recorded	4	Projectile	In vertical flight	N/K	9-Oct, 19:02
1-3km SSW		Recorded	8	Projectile	N to S	N/K	9-Oct, 19:02
1-3km SSW		Recorded	12	Projectile	E to W	N/K	9-Oct, 19:04
1-3km SSW		Recorded	7	Projectile	E to W	N/K	9-Oct, 19:05
1-3km SSW		Recorded	8	Projectile	E to W	N/K	9-Oct, 19:07
1-3km SSW		Recorded	2	Projectile	NW to SE	N/K	9-Oct, 19:33
1-3km SSW		Recorded	1	Explosion	Undetermined	N/K	9-Oct, 19:45
0.5-1.5km SSE		Recorded	1	Explosion	Undetermined	N/K	9-Oct, 21:12
1-2km S	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 21:14	

⁸ 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.

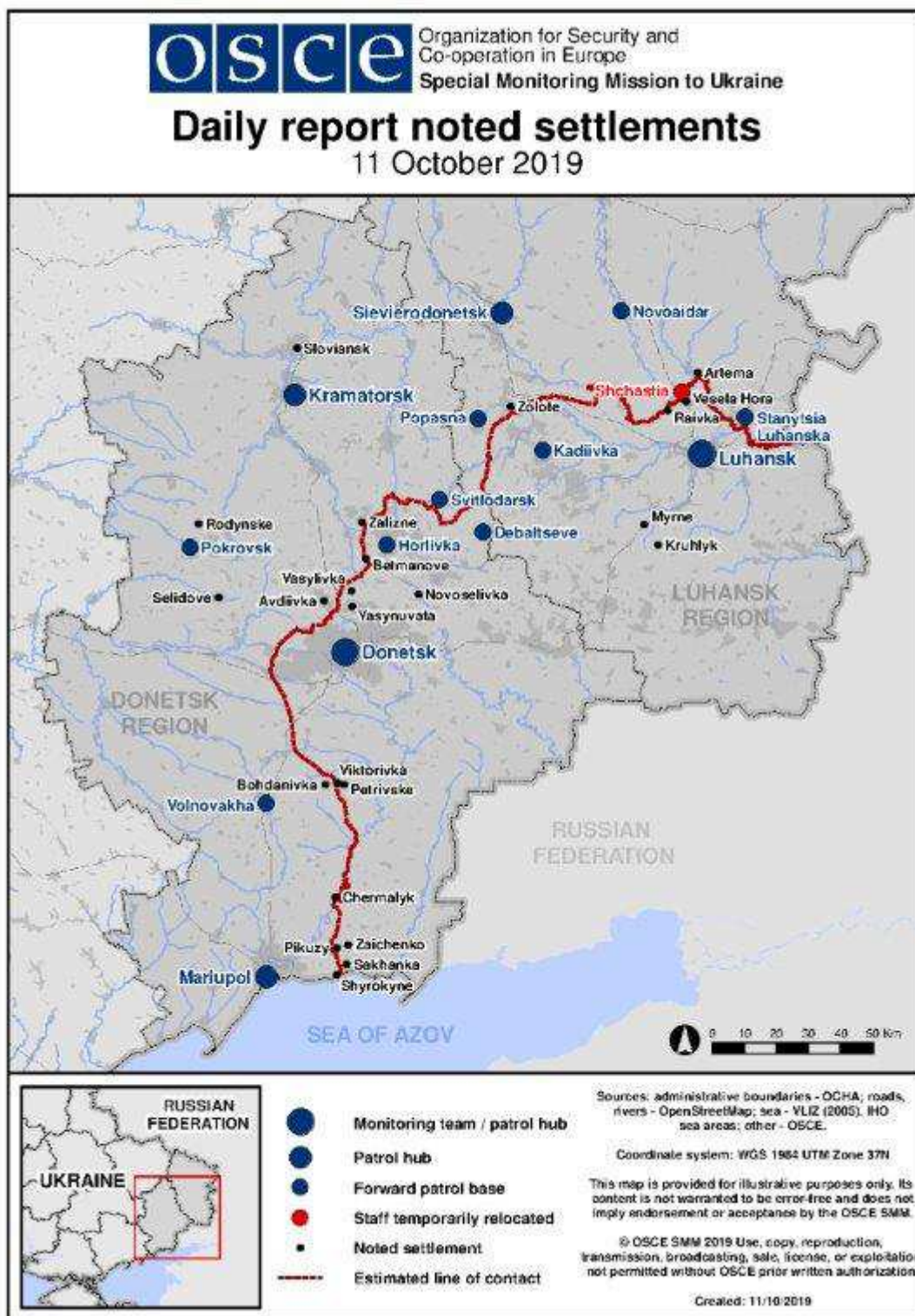
	0.5-1.5km SSE	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 21:17
	1-3km SSW	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 22:37
	0.3-1km SSW	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 22:41
	0.3-1km SSE	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 22:41
SMM camera 1.5km NE of Hnutove (government- controlled, 90km S of Donetsk)	2-4km ENE	Recorded	2	Projectile	N to S	N/K	10-Oct, 00:51
	2-4km ENE	Recorded	1	Projectile	S to N	N/K	10-Oct, 00:51
	2-4km ENE	Recorded	12	Projectile	N to S	N/K	10-Oct, 00:58
	2-4km ENE	Recorded	1	Projectile	S to N	N/K	10-Oct, 00:58
SMM camera at entry-exit checkpoint in Maiorsk (government- controlled, 45km NE of Donetsk)	2-5km ENE	Recorded	4	Projectile	N to S	N/K	9-Oct, 21:48
	3-6km ENE	Recorded	3	Projectile	N to S	N/K	9-Oct, 21:49
	2-5km ENE	Recorded	15	Projectile	N to S	N/K	9-Oct, 21:59
	2-5km ENE	Recorded	38	Projectile	N to S	N/K	9-Oct, 22:08
	2-5km ENE	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 22:08
	2-5km ENE	Recorded	15	Projectile	N to S	N/K	9-Oct, 22:11
	3-6km ENE	Recorded	7	Projectile	N to S	N/K	9-Oct, 22:24
SMM camera at Okhtiabr mine (non-government- controlled, 9km NW of Donetsk city centre)	2-6km N	Recorded	2	Projectile	NW to SE	N/K	9-Oct, 22:19
	2-6km NNE	Recorded	3	Muzzle Flash		N/K	9-Oct, 22:19
	2-6km NNE	Recorded	2	Projectile	SE to NW	N/K	9-Oct, 22:21
	2-6km N	Recorded	2	Projectile	NW to SE	N/K	9-Oct, 23:45
SMM camera at entry-exit checkpoint in Pyshevyk (government- controlled, 84km S of Donetsk)	3-5km S	Recorded	1	Illumination flare	In vertical flight	N/K	10-Oct, 01:49
SMM camera 1km SW of Shyrokyne (government- controlled, 100km S of Donetsk)	2-4km N	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 18:56
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 18:58
	2-4km N	Recorded	4	Projectile	WNW to ESE	N/K	9-Oct, 19:01
	2-4km N	Recorded	2	Projectile	WNW to ESE	N/K	9-Oct, 19:02
	2-4km N	Recorded	1	Projectile	WNW to ESE	N/K	9-Oct, 19:04
	2-4km N	Recorded	1	Projectile	WSW to ENE	N/K	9-Oct, 19:04
	2-4km N	Recorded	1	Projectile	WNW to ESE	N/K	9-Oct, 19:05
	2-4km N	Recorded	9	Projectile	W to E	N/K	9-Oct, 19:08
	2-4km N	Recorded	2	Projectile	W to E	N/K	9-Oct, 19:09
	2-4km N	Recorded	1	Projectile	W to E	N/K	9-Oct, 19:10
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 19:10
	2-4km N	Recorded	1	Projectile	In vertical flight	N/K	9-Oct, 19:10
	2-4km N	Recorded	1	Projectile	W to E	N/K	9-Oct, 19:15
	2-4km N	Recorded	5	Projectile	W to E	N/K	9-Oct, 19:17
	2-4km N	Recorded	3	Projectile	W to E	N/K	9-Oct, 19:18
	2-5km N	Recorded	9	Projectile	E to W	N/K	9-Oct, 20:44
	2-5km N	Recorded	7	Projectile	E to W	N/K	9-Oct, 20:46
	2-5km N	Recorded	1	Projectile	E to W	N/K	9-Oct, 20:47
	2-5km N	Recorded	3	Projectile	W to E	N/K	9-Oct, 20:48
	2-5km N	Recorded	1	Projectile	E to W	N/K	9-Oct, 20:48
	2-5km N	Recorded	6	Projectile	E to W	N/K	9-Oct, 20:49
	2-5km N	Recorded	6	Projectile	E to W	N/K	9-Oct, 20:50
	2-5km N	Recorded	4	Projectile	E to W	N/K	9-Oct, 20:51
	0.2-1km N	Recorded	1	Projectile	SSW to NNE	N/K	9-Oct, 20:54
	2-5km N	Recorded	6	Projectile	W to E	N/K	9-Oct, 21:20
	2-5km N	Recorded	1	Explosion	Undetermined	N/K	9-Oct, 21:35
	2-5km N	Recorded	1	Projectile	E to W	N/K	9-Oct, 22:16
	1-3km NE	Recorded	1	Projectile	E to W	N/K	9-Oct, 22:42
	3-7km N	Recorded	9	Projectile	W to E	N/K	9-Oct, 22:42
	1-3km NE	Recorded	3	Projectile	E to W	N/K	9-Oct, 22:43
2-5km N	Recorded	1	Projectile	E to W	N/K	9-Oct, 22:49	

	3-7km N	Recorded	15	Projectile	W to E	N/K	9-Oct, 23:46
	1-3km NE	Recorded	1	Projectile	E to W	N/K	10-Oct, 00:28
	1-3km NE	Recorded	3	Projectile	E to W	N/K	10-Oct, 00:58
	3-7km N	Recorded	11	Projectile	W to E	N/K	10-Oct, 01:12
	1-3km NE	Recorded	14	Projectile	E to W	N/K	10-Oct, 01:43
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-4km ESE	Recorded	2	Projectile	N to S	N/K	10-Oct, 00:22
	2-4km ESE	Recorded	12	Projectile	N to S	N/K	10-Oct, 00:44
	2-4km ESE	Recorded	2	Projectile	S to N	N/K	10-Oct, 00:44
	2-4km ESE	Recorded	10	Projectile	N to S	N/K	10-Oct, 01:34
About 800m SSE of Novohryhorivka (non-government-controlled, 61km NE of Donetsk)	3-4km NW	Heard	1	Burst		HMG	10-Oct, 09:16
About 3,3km N of Petrivske (non-government-controlled, 41km S of Donetsk)	2-3km NW	Heard	5	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	10-Oct, 07:55-07:59
About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	3-4km NW	Heard	4	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	10-Oct, 08:03-08:05
Petrivske (non-government-controlled, 41km S of Donetsk)	4-5km S	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	10-Oct, 09:31
East part of Krasnohorivka (government-controlled, 21km W of Donetsk)	1-3km E	Heard	1	Shot		Small arms	10-Oct, 11:30
	3-4km E	Heard	1	Explosion	Undetermined	N/K	10-Oct, 11:30
Marinka (government-controlled, 23km SW of Donetsk)	1km E	Heard	1	Explosion	Undetermined	N/K	10-Oct, 13:13
About 1km E from Kruta Balka (non-government-controlled, 16km N of Donetsk)	3-5km WSW	Heard	1	Explosion	Undetermined	N/K	10-Oct, 11:48
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-2km W	Heard	3	Shot		Small arms	10-Oct, 09:13-09:00
	1-2km SW	Heard	3	Burst		HMG	10-Oct, 09:40
	1-2km SW	Heard	3	Shot		Small arms	10-Oct, 09:49
	2-3km W	Heard	1	Shot		Small arms	10-Oct, 09:57
	1-2km W	Heard	1	Shot		Small arms	10-Oct, 13:22
2km NE of Chernenko (government-controlled, 86km S of Donetsk)	3-5km SE	Heard	1	Explosion	Undetermined	N/K	10-Oct, 10:06
Chermalyk (government-controlled, 77km S of Donetsk)	2-3km SE	Heard	3	Burst		Small arms	10-Oct, 12:50
	N/K SSE	Heard	11	Explosion		N/K	10-Oct, 12:53-12:55
3km SE of Lomakyne (government-controlled, 93km	2-3km NE	Heard	1	Explosion	Undetermined	N/K	10-Oct, 11:46

S of Donetsk)							
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-5km SW	Heard	6	Explosion	Undetermined	N/K	9-Oct, 21:30-21:33
	4-5km S	Heard	20	Burst		HMG	9-Oct, 21:57-22:01
	4-5km SE	Heard	7	Explosion	Undetermined	N/K	9-Oct, 22:12-22:16
	4-5km S	Heard	15	Burst		HMG	9-Oct, 22:33-22:35
	4-5km SE	Heard	5	Explosion	Undetermined	N/K	9-Oct, 22:38-22:43
	4-5km SE	Heard	13	Burst		HMG	9-Oct, 22:39-22:44
	4-5km S	Heard	4	Explosion	Undetermined	N/K	9-Oct, 23:47
Horlivka (non-government-controlled, 39km NE of Donetsk)	2-4km NNW	Heard	6	Explosion	Undetermined	N/K	9-Oct, 21:35-21:40
	2-4km NNW	Heard	8	Burst		HMG	9-Oct, 21:35-21:40
	3-5km NW	Heard	2	Burst		HMG	9-Oct, 21:41-21:43
	3-5km NW	Heard	2	Explosion	Undetermined	N/K	9-Oct, 21:41-21:43
	3-5km NW	Heard	1	Explosion	Undetermined	N/K	9-Oct, 21:44
	3-5km NW	Heard	2	Burst		HMG	9-Oct, 21:44
	3-5km NE	Heard		Burst	Uncountable	HMG	9-Oct, 21:45
	5-7km NW	Heard	2	Explosion	Undetermined	N/K	9-Oct, 21:57
	5-7km NW	Heard	2	Explosion	Undetermined	N/K	9-Oct, 22:02
	3-5km NW	Heard		Burst	Uncountable	HMG	9-Oct, 22:04-22:06
	3-5km NNW	Heard	2	Explosion	Undetermined	N/K	9-Oct, 22:06
	3-5km NNW	Heard		Burst	Uncountable	HMG	9-Oct, 22:27-22:29
	5-7km NW	Heard	1	Explosion	Undetermined	N/K	9-Oct, 22:32
	5-7km NW	Heard	12	Burst		N/K	9-Oct, 23:00-23:05
	5-7km NW	Heard	1	Explosion	Undetermined	N/K	9-Oct, 23:07
	5-7km NW	Heard	2	Explosion	Undetermined	N/K	9-Oct, 23:09
	5-7km NW	Heard	5	Burst		HMG	9-Oct, 23:12-23:15
	4-6km NW	Heard	4	Burst		HMG	9-Oct, 23:35
	3-5km NW	Heard	4	Explosion	Undetermined	N/K	10-Oct, 06:39-06:43
	3-5km NW	Heard	15	Burst		HMG	10-Oct, 06:39-06:43
	4-6km NW	Heard	8	Explosion	Undetermined	N/K	10-Oct, 06:44-06:47
	4-6km NNW	Heard	9	Burst		HMG	10-Oct, 06:44-06:47
3-5km NW	Heard	5	Burst		HMG	10-Oct, 06:49	
3-5km NW	Heard	4	Burst		HMG	10-Oct, 06:56	
Kadiivka (formerly Stakhanov, non-government-controlled, 50km W of Luhansk)	10-14km W	Heard	16	Explosion	Undetermined	N/K	10-Oct, 00:58-01:05
S edge of Shchastia (government-controlled, 20km N of Luhansk)	2-3km SSW	Heard	2	Explosion	Undetermined	N/K	10-Oct, 10:59
4km SE of Shchastia (government-controlled, 20km	2km W	Heard	1	Explosion	Undetermined	N/K	11-Oct, 11:02
	2km W	Heard	1	Shot		Small arms	11-Oct, 11:02

N of Luhansk)							
S edge of Popasna (government- controlled, 69km W of Luhansk)	5-8km SSW	Heard	3	Explosion	Undetermined	N/K	11-Oct, 11:30- 11:45
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	11-Oct, 11:30- 11:45
	3-5km SE	Heard	1	Burst		HMG	11-Oct, 11:30- 11:45

Map of Donetsk and Luhansk regions⁹



⁹ 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).