

# Daily Report 264/2019

7 November 2019<sup>1</sup>

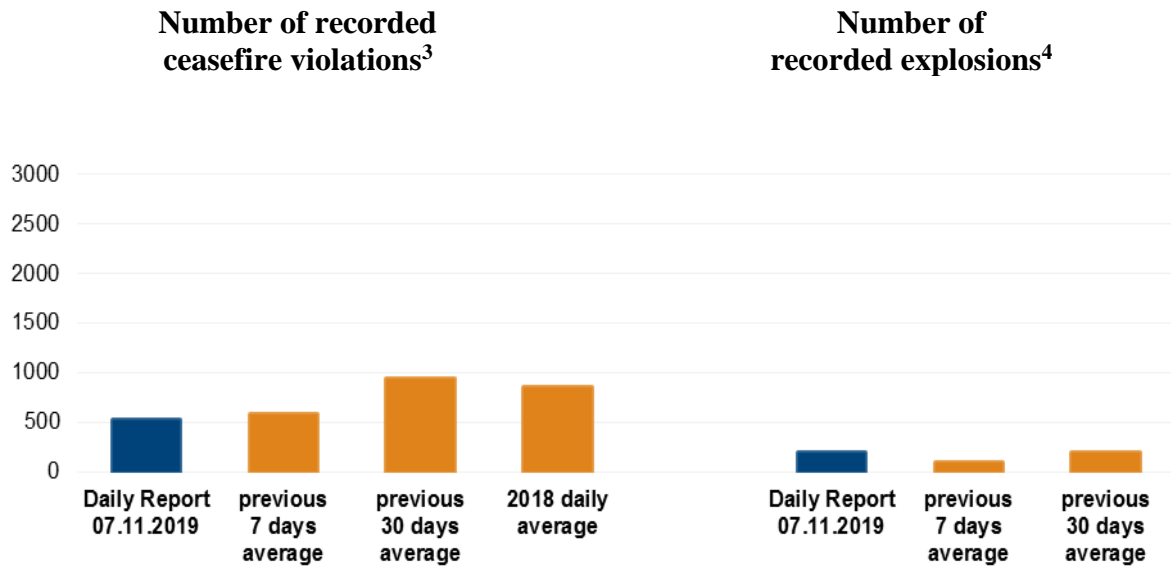
## Summary

- Compared with the previous reporting period, the SMM recorded fewer ceasefire violations in both Donetsk region and Luhansk regions.
- The Mission observed demining activities inside the Zolote disengagement area.
- Inside the Stanytsia Luhanska disengagement area, the Mission continued to observe construction works at the broken section of the bridge.
- The SMM observed weapons in violation of withdrawal lines in non-government-controlled areas of Donetsk and Luhansk regions.
- The SMM saw for the first time anti-tank mines near Pyshchevyk and unexploded ordnance near Molodizhne and in Donetsk city's Kyivskyi district.
- The SMM continued to monitor adherence to the ceasefire to facilitate the operations of the Donetsk Filtration Station and of the pumping station near Vasylivka.
- Restrictions of the Mission's freedom of movement continued, including at checkpoints near non-government-controlled Bezimenne and Novolaspa.\*

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<sup>1</sup> Based on information from the Monitoring Teams as of 19:30, 6 November 2019. All times are in Eastern European Time.

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



<sup>2</sup> For a complete breakdown of ceasefire violations, please see the annexed table. During the reporting period, the SMM cameras in Popasna and Kriakivka were not operational. During the reporting period, fog limited the observation capabilities of some of the SMM cameras.

<sup>3</sup> Including explosions.

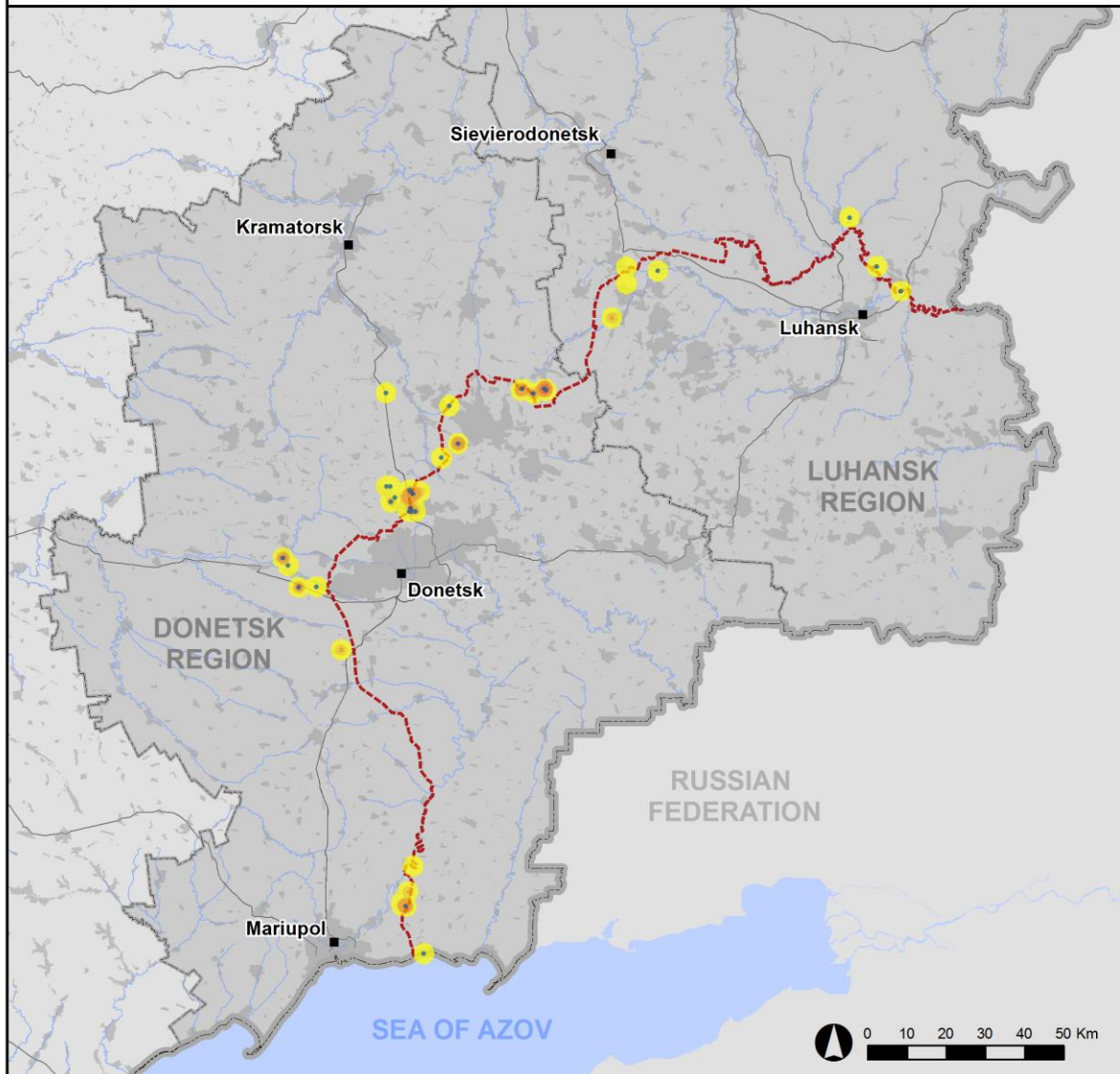
<sup>4</sup> Including from unidentified weapons.

## Map of recorded ceasefire violations

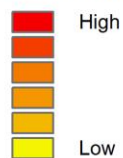


Organization for Security and  
Co-operation in Europe  
Special Monitoring Mission to Ukraine

### Ceasefire violations observed by the SMM 6 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: 07/11/2019

In Donetsk region, the SMM recorded fewer ceasefire violations, including, however, more explosions (about 190), compared with the [previous reporting period](#) (167 explosions). The majority of the ceasefire violations, including more than half of the explosions, were recorded at southerly directions of Svitlodarsk (government-controlled, 57km north-east of Donetsk), in areas east and south-south-east of Pavlopil (government-controlled, 84km south of Donetsk) and at southerly directions of Kamianka (government-controlled, 20km north of Donetsk), including seven undetermined explosions heard and seen at an assessed range of 1-2km south-east of Kamianka.

In Luhansk region, the SMM recorded fewer ceasefire violations, including, however, more explosions (14), compared with the [previous reporting period](#) (three). More than one third of the ceasefire violations, including the majority of explosions were recorded in areas south-west and north-west of Stanytsia Luhanska (government-controlled, 16km north-east of Luhansk) (outside the disengagement area) and north of Obozne (non-government-controlled, 18km north of Luhansk).

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

On 6 November, inside the **disengagement area near Zolote** (government-controlled, 60km west of Luhansk), the SMM saw 27 deminers from the State Emergency Service of Ukraine with metal detectors on road T-1316 near the railway bridge.

On the same day, the SMM saw eight deminers from non-government-controlled areas with metal detectors at the checkpoint of the armed formations on the southern edge of the disengagement area. About 30 minutes later, positioned at the same checkpoint, the SMM heard an explosion, assessed as a controlled detonation at an assessed distance of 400m north. At the aforesaid checkpoint, the SMM also saw 15 workers from non-government-controlled areas with equipment for clearing vegetation walking northwards on road T-1316 into the disengagement area; four additional members of the armed formations (wearing armbands with “JCCC” written on them) were checking all vehicles traveling from and towards Zolote-5/Mykhailivka (non-government-controlled, 58km west of Luhansk), Molodizhne (non-government-controlled, 63km west of Luhansk) and Pervomaisk (non-government-controlled, 58km west of Luhansk).

Positioned at the aforementioned checkpoint on the area’s southern edge, the SMM also saw 11 persons with cameras and microphones, assessed as journalists entering the disengagement area on road T-1316 together with a senior member of the armed formations.

During the night between 5 and 6 November, the SMM camera in Zolote recorded a projectile in flight at an assessed range of 2-4km east, assessed as outside the disengagement area but within its 5km periphery.

On 6 November, inside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), the SMM saw 15 workers and a deminer from government-controlled areas sandblasting the iron surface of the newly constructed bridge

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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.

section and welding separate parts of the iron construction between the edges of the broken section of the Stanytsia Luhanska bridge (15km north-east of Luhansk).

The SMM saw an officer of the Ukrainian Armed Forces of the Joint Centre for Control and Co-ordination (JCCC) removing a [previously reported](#) barbed wire which was surrounding the SMM camera's mast in Stanytsia Luhanska (about 350m north-east of the disengagement area).

The SMM saw three workers at the shelter of an international humanitarian organization south of the checkpoint of the armed formations, attaching iron wall plates on its western side and welding metal parts to its roof and iron frame. The SMM saw seven deminers from non-government-controlled areas clearing and burning vegetation on the eastern side of the aforementioned checkpoint.

The SMM saw at least eight members of the armed formations (all of them wearing armbands with "JCCC" written on them) between the broken section of the bridge and the checkpoint of the armed formations.

During the night between 5 and 6 November, while on the eastern edge of Stanytsia Luhanska, the SMM heard an undetermined explosion at an assessed range of 5-7km south-south-west, assessed as outside the disengagement area.

On 2 November, **inside the disengagement area near Petrivske** (non-government-controlled, 41km south of Donetsk), an SMM mid-range unmanned aerial vehicle (UAV) spotted at least two persons in camouflage clothing about 30m north of its southern edge and about 100m west of its eastern edge. The UAV also spotted at least three persons and a truck about 500m south of the area's northern edge and about 2km east of its western edge. About 1km further south-west, the UAV also spotted another truck.

On 2 November, outside the disengagement area, an SMM mid-range UAV [again](#) spotted about 70 anti-tank mines on the road between Viktorivka (non-government-controlled, 42km south-west of Donetsk) and Bohdanivka (government-controlled, 41km south-west of Donetsk), assessed as belonging to the Ukrainian Armed Forces. The UAV also spotted reinforced positions, including a 100m-long extension to the existing trenches within a 600m-long tree line about 2.5km north-east of the disengagement area's north-eastern edge, all assessed as belonging to the armed formations.

### **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 11 weapons in violation of withdrawal lines in non-government-controlled areas of Donetsk and Luhansk regions. It also observed four weapons beyond withdrawal lines but outside of designated storage sites in government-controlled areas of Luhansk region and 11 in non-government-controlled areas of Luhansk region (for further details, see the tables below).

### **Weapons that the SMM could not verify as withdrawn<sup>6</sup>**

*At a heavy weapons holding area in a non-government-controlled area of Donetsk region*  
6 November

The SMM noted that six towed howitzers (2A65 *Msta-B*, 152mm) continued to be missing.

### **Weapons permanent storage sites**

*At a permanent storage site in a non-government-controlled area of Donetsk region*  
6 November

The SMM noted that 13 tanks (nine T-72 and four T-64) continued to be missing.

### **Indications of military and military-type presence in the security zone<sup>7</sup>**

The SMM observed military and military-type presence in the security zone on both sides of the contact line, including infantry fighting vehicles, anti-aircraft guns (ZU-23, 23mm) and armoured personnel carriers (for further details, see the table below).

### **Anti-tank mines near Pyshechyk and unexploded ordnance (UXO) near Molodizhne and in Donetsk city**

On 5 November, an SMM mini-UAV spotted 220 anti-tank mines in a field about 2km south-east of Pyshechyk (government-controlled, 84km south of Donetsk) (for previous observations in the area, see [SMM Daily 23 May Report 2019](#)). About 100m east of the said mines, the same UAV spotted for the first time 300 anti-tank mines in a field. About 1km west of these mines, the UAV spotted for the first time 400 anti-tank mines, of which 50 anti-tank mines appeared to be burned out.

On 6 November, on road T-0504, about 2.5km south-west of Molodizhne (non-government-controlled, 63km west of Luhansk), the SMM saw for the first time a piece of UXO assessed as a round from a rocket-propelled grenade in the middle of the road, about 30m north-east of a checkpoint of the armed formations.

On Artemivska Street in Donetsk city's Kyivskyi district (non-government-controlled, 5km north of Donetsk city centre), the SMM saw for the first time remnants of a multiple launch rocket system (MLRS) (BM-21 *Grad*, 122mm) rocket embedded in the tarmac of the road, about 30m south of a residential house. On the same day, on Stratonavtiv Street, approximately 700m south of the former Donetsk airport, the SMM [again](#) saw a piece of UXO assessed as a multiple launch rocket system (MLRS) (BM-21 *Grad*, 122mm) rocket embedded in soft ground approximately 1m from a residential house.

<sup>6</sup> The SMM visited an area previously holding weapons that could not be verified as withdrawn, as their storage did not comply with the criteria set out in the 16 October 2015 notification from the SMM to the signatories of the Package of Measures on effective monitoring and verification of the withdrawal of heavy weapons.

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



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

The SMM continued to facilitate the operation of the Donetsk Filtration Station (DFS) and monitor the security situation in areas around the pumping station near Vasylivka (non-government-controlled, 20km north of Donetsk). Despite security guarantees having been provided, positioned in and near Yasynuvata and at the DFS, the SMM heard and recorded ceasefire violations in the area (see ceasefire violations table below).

### **Gathering in Kharkiv**

On 6 November, in Kharkiv, outside the Kharkiv Regional State Administration building, the SMM monitored a peaceful gathering of about 120 participants (men and women, mixed ages) expressing, among others, messages critical of recent developments concerning certain areas of Donetsk and Luhansk regions.

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

While at a border crossing point near Uspenka (73km south-east of Donetsk) for about an hour, the SMM saw 20 cars (five with Ukrainian and nine with Russian Federation licence plates, as well as six with “DPR” plates), seven trucks with covered cargo (three with Ukrainian and two with Russian Federation licence plates, as well as two with “DPR” plates), two buses with “DPR” plates and 12 pedestrians (four women and eight men) entering Ukraine. It also saw 20 cars (four with Ukrainian and ten with Russian Federation licence plates, as well as six with “DPR” plates), six covered cargo trucks (two with Ukrainian and one with Russian Federation licence plates, as well as three with “DPR” plates), a bus with Russian Federation licence plates and seven pedestrians (two women and five men) exiting Ukraine.

While at a border crossing point near Ulianivske (61km south-east of Donetsk) for about an hour, the SMM saw one man (in his fifties) entering Ukraine.

The Mission continued monitoring in 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, 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 JCCC should contribute to such response and co-ordinate mine clearance. Nonetheless, the armed formations in parts of Donetsk and Luhansk regions frequently deny the SMM access to areas adjacent to Ukraine’s border outside control of the Government (for example, see [SMM Daily Report 26 October 2019](#)). The SMM’s operations in Donetsk and Luhansk regions remain restricted following [the fatal incident of 23 April 2017 near Pryshyb](#); these restrictions continued to limit the Mission’s observations.*

Denial of access:

- At a checkpoint west of Bezimenne (non-government-controlled, 100km south of Donetsk), two armed members of the armed formations [again](#) denied the SMM passage.
- At a checkpoint on the eastern edge of Novolaspa (non-government-controlled, 50km south of Donetsk), four members of the armed formations (two visibly armed) asked the SMM to provide its patrol plan. When the Mission refused to present it, a member of the armed formations denied the SMM passage, citing “sniper activity” and “concerns for the SMM’s safety” (see below).

Regular restrictions related to disengagement areas and mines/UXO:

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

Conditional access:

- After members of the armed formations denied the SMM passage through a checkpoint near Novolaspa (see above), the SMM left the aforementioned checkpoint escorted by two members of armed formations in a car to Starolaspa (non-government-controlled, 51km south of Donetsk).

Delay:

- At a checkpoint near Taramchuk (government-controlled, 29km south-west of Donetsk), Ukrainian Armed Forces personnel allowed the SMM to proceed only after about 15 minutes of waiting.

Other impediments:

- On two occasions, an SMM mid-range UAV experienced GPS signal interference, assessed as due to probable jamming, while flying over areas near Sentianivka (formerly Frunze, non-government-controlled, 44km west of Luhansk).

**Table of weapons**Weapons in violation of the withdrawal lines

Date	No. of weapons	Type of weapon	Location	Source of observation
<b>Non-government-controlled areas</b>				
05/11/2019	5	Towed howitzer (four D-30 <i>Lyagushka</i> , 122mm and a 2A65 <i>Msta-B</i> , 152mm)	Former Luhansk international airport, about 2km north of Peremozhne (19km south of Luhansk) (for previous observations see <a href="#">SMM Daily Report 5 November 2019</a> )	Mini UAV
	1	Multiple launch rocket system (BM-21 <i>Grad</i> , 122mm)		



	2	Self-propelled howitzer (a 2S3 <i>Akatsiya</i> , 152mm and a 2S1 <i>Gvozdika</i> , 122mm)		
06/11/2019	3	Multiple launch rocket system (BM-21 <i>Grad</i> , 122mm)	Near Novoamvrosiivske (56km east of Donetsk)	Patrol

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>				
05/11/2019	4	Self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm)	Railway station in Rubizhne (84km north-west of Luhansk)	Mini-UAV
<b>Non-government-controlled areas</b>				
05/11/2019	2	Surface-to-air missile system (9K35 <i>Strela-10</i> )	Former Luhansk international airport, about 2km north of Peremozhne (19km south of Luhansk) (see above)	Mini-UAV
	5	Tank (probable T-72)		
	4	Towed mortar (two 2B9 <i>Vasilek</i> , 82mm and two 2B11 <i>Sani</i> , 120mm)		

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

Date	No. of weapons	Type of weapon	Location	Source of observation
<b>Government-controlled areas</b>				
05/11/2019	3	Infantry fighting vehicle (BMP variant)	Near Novotoshkivske (53km west of Luhansk)	Mini-UAV
05/11/2019	1	Armoured personnel carrier (BTR-70)	Near Mykolaivka (40km south of Donetsk)	Mini-UAV
05/11/2019	2	Armoured reconnaissance vehicle (BRDM-2)		
06/11/2019	2	Armoured personnel carrier (BTR-3)	North-eastern outskirts of Stanytsia Luhanska (16km north-east of Luhansk)	Patrol
06/11/2019	1	Armoured personnel carrier (BTR-80)	Near Raihorodka (34km north-west of Luhansk)	Patrol
06/11/2019	1	Armoured personnel carrier (BTR variant)	Near a checkpoint in a residential area of Karlivka (25km north-west of Donetsk)	Patrol
06/11/2019	1	Armoured personnel carrier (BTR variant)	Near Hostre (30km west of Donetsk)	Patrol
06/11/2019	3	Armoured personnel carrier (MT-LB)	In a compound in Shyrokyne (100km south of Donetsk)	Patrol
06/11/2019	1	Anti-aircraft gun (ZU-23, 23mm)		
<b>Non-government-controlled areas</b>				
06/11/2019	1	Probable armoured personnel carrier (MT-LB)	Near Sentianivka (formerly Frunze, 44km west of Luhansk)	Mini-UAV

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

**Table of ceasefire violations as of 6 November 2019<sup>9</sup>**

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	6-Nov, 00:55
	1-2km SSW	Recorded	1	Explosion	Undetermined	N/K	6-Nov, 01:16
	200-500m SSW	Recorded	1	Projectile	NNW to SSE	N/K	6-Nov, 01:28
	0.5-1km S	Recorded	1	Explosion	Airburst	N/K	6-Nov, 02:15
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	6-Nov, 02:38
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 84km S of Donetsk)	3-5km S	Recorded	9	Projectile	E to W	N/K	6-Nov, 17:48
	3-5km S	Recorded	2	Projectile	W to E	N/K	6-Nov, 17:48
	2-4km S	Recorded	3	Projectile	W to E	N/K	5-Nov, 20:41
About 1km E of Kruta Balka (non-government-controlled, 16km N of Donetsk)	3-5km NW	Heard	2	Explosion	Undetermined	N/K	6-Nov, 09:54
	2-3km NW	Heard	7	Shot		HMG	6-Nov, 10:12
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-2km SW	Heard	2	Explosion	Undetermined	N/K	6-Nov, 09:08
	1-2km SW	Heard	6	Shot		HMG	6-Nov, 09:13
	1-2km SW	Heard	1	Explosion	Undetermined	N/K	6-Nov, 09:29
	3-5km N	Heard	7	Burst		HMG	6-Nov, 12:47-13:03
	3-5km N	Heard	5	Shot		HMG	6-Nov, 12:47-13:03
	1-2km W	Heard	3	Shot		HMG	6-Nov, 13:43-13:55
	3-5km NW	Heard	20	Burst		HMG	6-Nov, 13:43-13:55
Petrovskiyi district of Donetsk city (non-government-controlled, 15km SW of Donetsk city centre)	5km W	Heard	2	Explosion	Undetermined	N/K	6-Nov, 10:45
About 2.5km ESE of Maksymilianivka (government controlled, 30km W of Donetsk)	3-4km NW	Heard	3	Explosion	Outgoing	N/K	6-Nov, 10:55-10:57
About 500m W of Hostre (government controlled, 30km W of Donetsk)	2-3km NW	Heard	10	Explosion	Outgoing	N/K	6-Nov, 11:02-11:11
	2-3km NW	Heard	15	Burst		HMG	6-Nov, 11:12-11:15
	2-3km NW	Heard	2	Explosion	Outgoing	N/K	6-Nov, 11:12-11:15

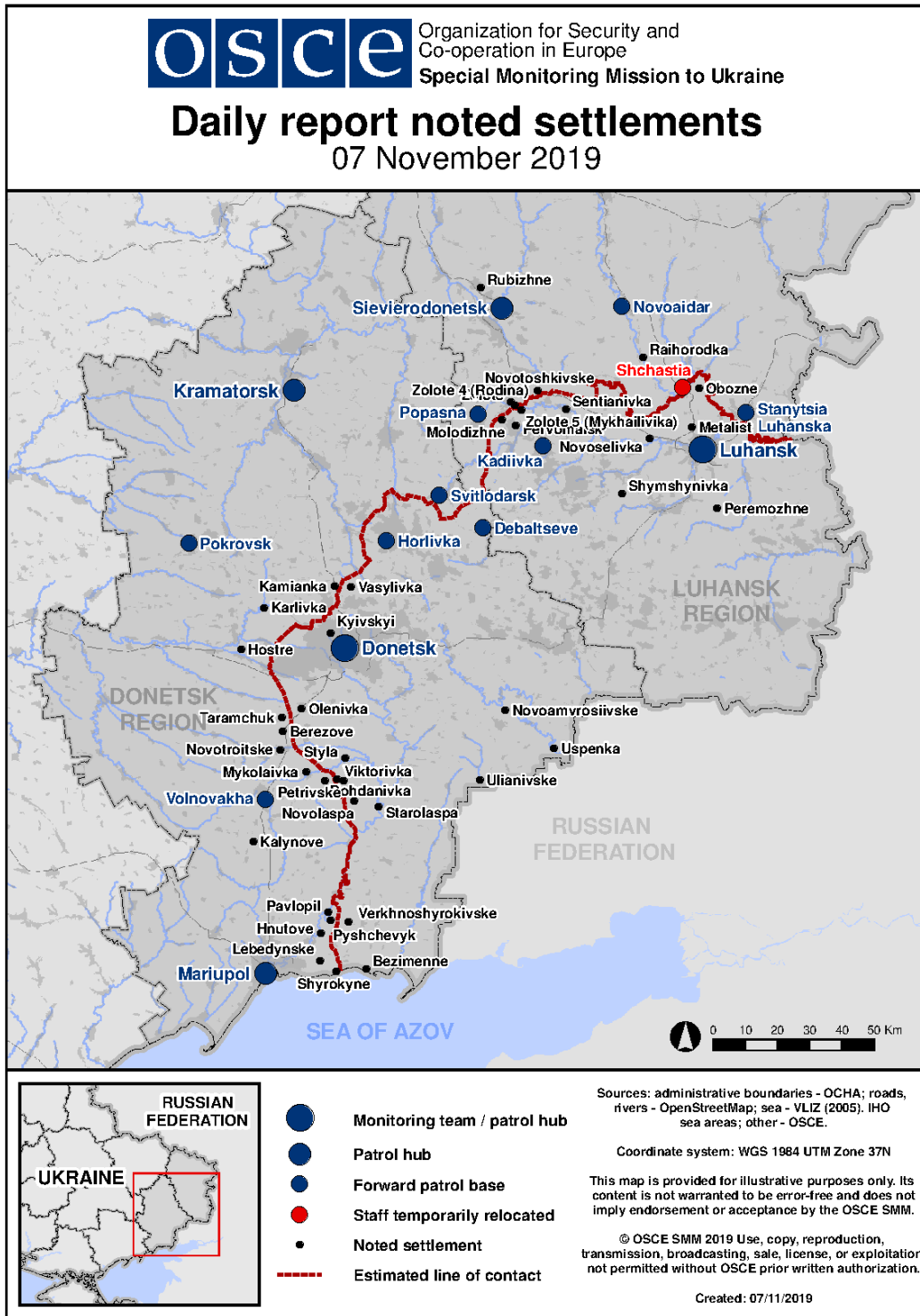
<sup>9</sup> The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors on the ground, and are not always necessarily precise. When information is not known (indicated with an “N/K”), the SMM was unable to ascertain such information due to distance, weather conditions and/or other considerations. Ceasefire violations recorded by more than one patrol and assessed to be the same are entered only once.

Marinka (government controlled, 23km SW of Donetsk)	5-7km W	Heard	21	Explosion	Undetermined	N/K	6-Nov, 10:37-10:42
About 1.7km E of Avdiivka (government-controlled, 17km N of Donetsk)	3-4km E	Heard	4	Burst	Undetermined	N/K	6-Nov, 10:11
	1-2km E	Heard	6	Shot		Small arms	6-Nov, 10:14
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km E	Heard	2	Explosion	Undetermined	N/K	6-Nov, 09:07
	2-3km E	Heard	5	Shot		Small arms	6-Nov, 09:12
	1-2km E	Heard	1	Shot		Small arms	6-Nov, 09:21
Taramchuk (government-controlled, 29km SW of Donetsk)	N/K ENE	Heard	15	Burst		Small arms	6-Nov, 12:20
3km NW of Bezimenne (non-government-controlled, 100km S of Donetsk)	2-3km WSW	Heard	1	Explosion	Undetermined	N/K	6-Nov, 12:36
Chermalyk (government-controlled, 77km S of Donetsk)	1km SE	Heard	1	Shot		Small arms	6-Nov, 13:04
1km SE of Pavlopil (government-controlled, 84km south of Donetsk)	2km E	Heard	14	Burst		HMG	6-Nov, 13:38
	3-5km SSE	Heard	3	Explosion	Undetermined	N/K	6-Nov, 14:28-14:29
	3-5km SSE	Heard	18	Shot		Small arms	6-Nov, 14:28-14:29
	3-5km SSE	Heard	24	Shot	Cannon (30mm)	Other	6-Nov, 14:37
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-5km SW	Heard	15	Burst		HMG	5-Nov, 19:30-19:33
	4-5km SW	Heard	15	Burst		HMG	5-Nov, 23:30-23:32
	4-5km SE	Heard	2	Explosion	Undetermined	N/K	5-Nov, 23:40
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	6-Nov, 11:38
	3-5km SE	Heard	1	Explosion	Undetermined	N/K	6-Nov, 11:46
	3-5km S	Heard	1	Explosion	Undetermined	N/K	6-Nov, 14:30
	3-5km S	Heard	8	Burst		HMG	6-Nov, 14:30-14:33
	3-5km S	Heard	3	Explosion	Undetermined	N/K	6-Nov, 14:50-14:53
	3-5km S	Heard	6	Burst		HMG	6-Nov, 14:50-14:53
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	6-Nov, 15:00
	3-5km SW	Heard	6	Burst		HMG	6-Nov, 15:00-15:01
	3-5km SE	Heard	17	Explosion	Undetermined	N/K	6-Nov, 15:02-15:03
	3-5km SE	Heard	18	Burst		HMG	6-Nov, 15:02-15:03
	3-5km SE	Heard	12	Explosion	Undetermined	N/K	6-Nov, 15:14-15:20
	3-5km SE	Heard	12	Burst		HMG	6-Nov, 15:14-15:20
	3-5km SE	Heard	12	Explosion	Undetermined	N/K	6-Nov, 15:21-15:32

	3-5km SE	Heard	10	Burst		HMG	6-Nov, 15:21-15:32
	3-5km SE	Heard	8	Explosion	Undetermined	N/K	6-Nov, 16:05-16:20
	3-5km SE	Heard	5	Burst		HMG	6-Nov, 16:11-16:13
	3-5km SE	Heard	16	Burst		HMG	6-Nov, 17:45-17:53
	3-5km SE	Heard	6	Explosion	Undetermined	N/K	6-Nov, 17:50-17:55
Horlivka (non-government-controlled, 39km NE of Donetsk)	3-5km SW	Heard	2	Explosion	Undetermined	N/K	5-Nov, 19:45
	3-5km SW	Heard	3	Burst		HMG	5-Nov, 19:46
	3-5km SW	Heard	3	Explosion	Undetermined	N/K	5-Nov, 20:24
	3-5km SW	Heard	4	Burst		HMG	5-Nov, 20:24
	3-5km SW	Heard	6	Burst		HMG	5-Nov, 20:28
	3-5km SW	Heard	2	Explosion	Undetermined	N/K	5-Nov, 20:53
	3-5km SW	Heard	8	Burst		HMG	5-Nov, 21:09
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	5-Nov, 21:35
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	5-Nov, 21:41
	3-5km SW	Heard	2	Explosion	Undetermined	N/K	5-Nov, 22:16
	3-5km SW	Heard	3	Explosion	Undetermined	N/K	6-Nov, 11:27
	3-5km SW	Heard	3	Explosion	Undetermined	N/K	6-Nov, 11:32
	3-5km SW	Heard	4	Explosion	Undetermined	N/K	6-Nov, 11:48
	About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	2-3km S	Heard	9	Shot		Small arms
2-3km S		Heard	2	Burst		Small arms	6-Nov, 09:21
3-5km SW		Heard	1	Explosion	Undetermined	N/K	6-Nov, 09:30
3-5km W		Heard	1	Explosion	Undetermined	N/K	6-Nov, 09:36
4-6km W		Heard	1	Explosion	Undetermined	N/K	6-Nov, 11:00
5-6km SW		Heard	1	Explosion	Undetermined	N/K	6-Nov, 12:17
5-6km SW		Heard	2	Explosion	Undetermined	N/K	6-Nov, 12:20
5-6km SW		Heard	3	Explosion	Undetermined	N/K	6-Nov, 12:21
5-6km SW		Heard	2	Explosion	Undetermined	N/K	6-Nov, 12:40
5-6km SW		Heard	2	Explosion	Undetermined	N/K	6-Nov, 12:41
1-2km SE		Heard and saw	7	Explosion	Undetermined	N/K	6-Nov, 12:47
2-3km SE		Heard	4	Explosion	Undetermined	N/K	6-Nov, 12:50
2-3km SE		Heard	7	Explosion	Undetermined	N/K	6-Nov, 12:52

	2-3km SE	Heard	3	Explosion	Undetermined	N/K	6-Nov, 12:53
	2-3km SE	Heard	2	Explosion	Undetermined	N/K	6-Nov, 12:58
	2-3km SE	Heard	2	Explosion	Undetermined	N/K	6-Nov, 13:46
	1-2km SE	Heard	1	Explosion	Undetermined	N/K	6-Nov, 13:51
Kleban Byk (government-controlled, 48km N of Donetsk)	5-6km SW	Heard	6	Explosion	Undetermined	N/K	6-Nov, 11:55-11:59
Mykhailivka (non- government-controlled, 30km NE of Donetsk)	4-6km W	Heard	2	Explosion	Undetermined	N/K	6-Nov, 10:56
E edge of Zalizne (government-controlled, 42km NE of Donetsk)	4-5km E	Heard	4	Explosion	Undetermined	N/K	6-Nov, 11:49
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-4km E	Recorded	1	Projectile	N to S (assessed as outside the disengagement area)	N/K	6-Nov, 01:50
Kadiivka (formerly Stakhanov, non- government-controlled, 50km W of Luhansk)	10-15km W	Heard	9	Burst		HMG	6-Nov, 01:21-01:23
	10-15km NW	Heard	6	Burst		HMG	6-Nov, 01:21-01:23
	10-15km W	Heard	6	Burst		HMG	6-Nov, 02:40-02:42
E edge of Stanytsia Luhanska (government- controlled, 16km NE of Luhansk)	5-7km SSW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	6-Nov, 03:18
Stanytsia Luhanska bridge (15km NE of Luhansk)	7-10km NW	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	6-Nov, 13:45
	7-10km NW	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	6-Nov, 14:07
	7-10km NW	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	6-Nov, 14:55
	7-10km NW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	6-Nov, 15:30
N edge of Sentianivka (formerly Frunze, non- government-controlled, 44km W of Luhansk)	7-10km W	Heard	1	Explosion	Undetermined	Artillery (type N/K)	6-Nov, 09:46
Obozne (non- government-controlled, 18km N of Luhansk)	5-10km N	Heard	5	Explosion	Undetermined	N/K	6-Nov, 10:12-10:18

Map of Donetsk and Luhansk regions<sup>10</sup>



<sup>10</sup> The SMM is deployed to ten locations throughout Ukraine – Kherson, Odessa, Lviv, Ivano-Frankivsk, Kharkiv, Donetsk, Dnipro, Chernivtsi, Luhansk and Kyiv – as per Permanent Council Decision 1117 of 21 March 2014. This map of eastern Ukraine is meant for illustrative purposes and indicates locations mentioned in the report, as well as those where the SMM has offices (monitoring teams, patrol hubs, and forward patrol bases) in Donetsk and Luhansk regions. (In red: a forward patrol base from which SMM staff has temporarily relocated based on recommendations of security experts from participating States as well as SMM security considerations. The SMM uses the premises during daylight hours and patrols in this settlement during daylight hours, as well).