

# Daily Report 292/2019

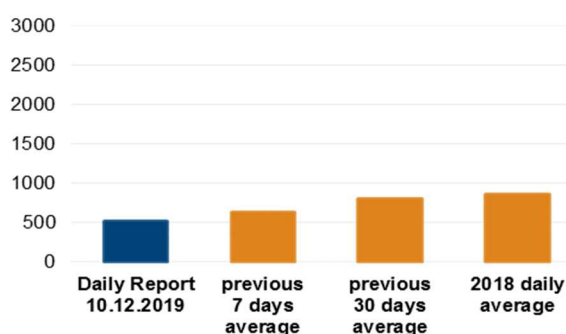
10 December 2019<sup>1</sup>

## Summary

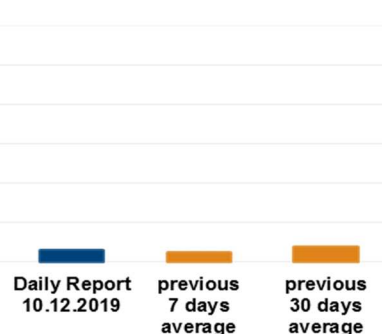
- Compared with the previous 24 hours, the SMM recorded fewer ceasefire violations in Donetsk region and a similar number of ceasefire violations in Luhansk region.
- Inside the disengagement area near Stanytsia Luhanska, the Mission saw workers from non-government-controlled areas replacing railings on the metal span of the bridge.
- Inside the disengagement area near Zolote, the SMM saw workers from non-government-controlled areas clearing vegetation near road T-1316.
- The SMM saw that some trenches inside the Petrivske disengagement area had been partially filled.
- The Mission monitored adherence to a localized ceasefire to facilitate the drilling of water wells near non-government-controlled Pankivka in Luhansk region.
- Freedom of movement for the SMM continued to be restricted, including again at a checkpoint of the armed formations near Zaichenko.\*
- In Odessa, Kharkiv and Kyiv, the Mission monitored public gatherings critical of the signing of the text of the “Steinmeier formula”.

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

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



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



<sup>1</sup> Based on information from the Monitoring Teams as of 19:30, 9 December 2019. All times are in Eastern European Time.

<sup>2</sup> For a complete breakdown of ceasefire violations, please see the annexed table. During the reporting period, the SMM camera 1km south-west of Shyrokyne was not operational and fog limited the observation capabilities of some of the other SMM cameras.

<sup>3</sup> Including explosions.

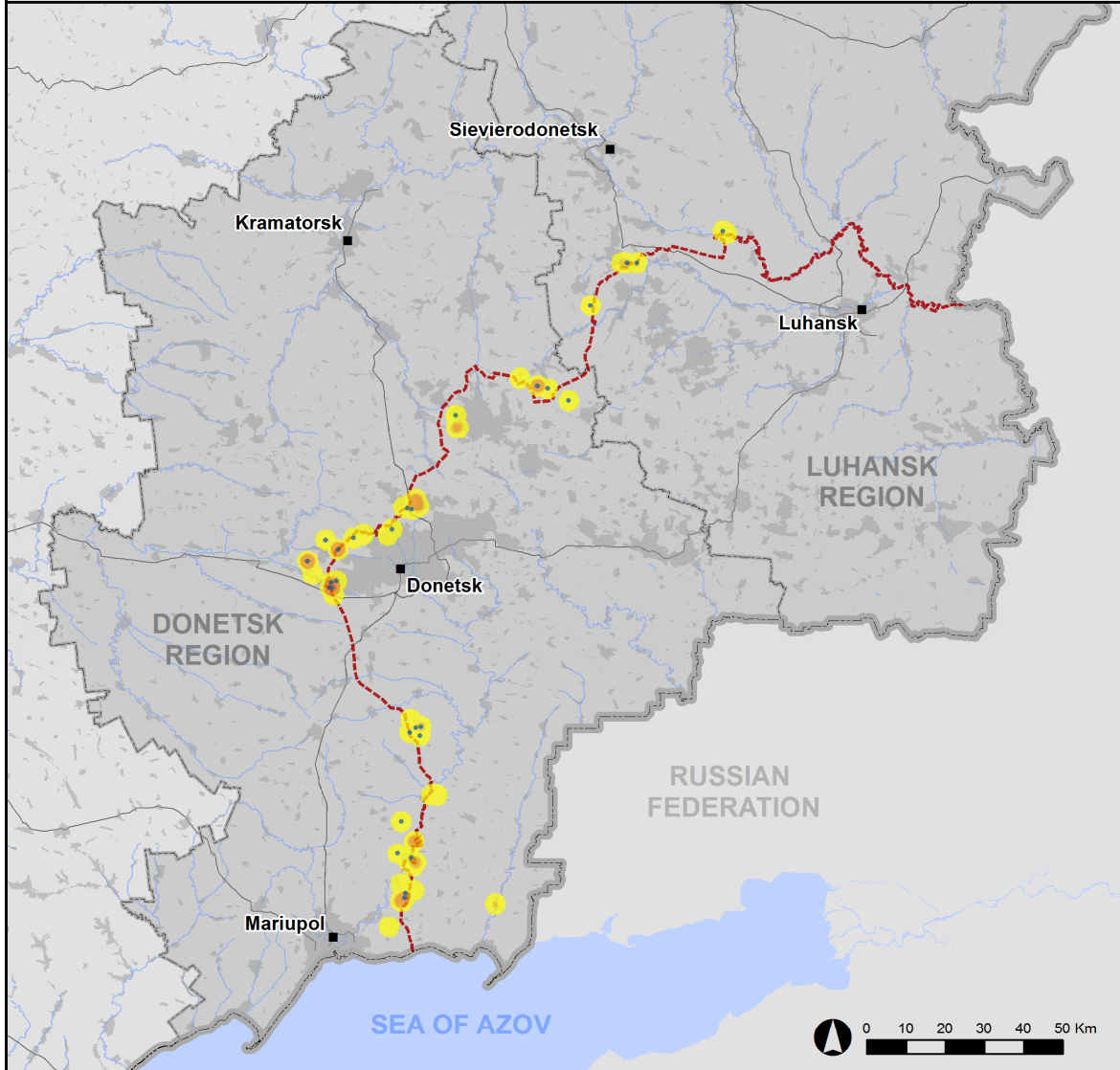
<sup>4</sup> Including from unidentified weapons.

### Map of recorded ceasefire violations

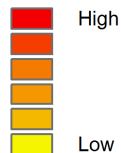


Organization for Security and  
Co-operation in Europe  
Special Monitoring Mission to Ukraine

## Ceasefire violations observed by the SMM 9 December 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: 10/12/2019

In Donetsk region, the SMM recorded fewer ceasefire violations, including, however, more explosions (about 125), compared with [the previous 24 hours](#) (about 100 explosions). Almost half of the ceasefire violations and the majority of explosions were recorded at northerly and westerly directions of Krasnohorivka (government-controlled, 24km west of Donetsk) and at north-westerly directions of Oleksandrivka (non-government-controlled, 20km south-west of Donetsk).

In Luhansk region, the Mission recorded a similar number of ceasefire violations, including 15 explosions, compared with [the previous 24 hours](#) (13 explosions). The majority of ceasefire violations, including the majority of explosions, were recorded in areas east of Zolote (government-controlled, 60km west of Luhansk) (see below).

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

On 6 December, inside the **disengagement area near Petrivske** (non-government-controlled, 41km south of Donetsk), an SMM mini-unmanned aerial vehicle (UAV) spotted an excavator moving in a southerly direction near a former position of the Ukrainian Armed Forces about 1.3km east of the area's western edge and 1km south of its northern edge. The UAV also spotted that four previously observed trenches inside the disengagement area, assessed as belonging to the Ukrainian Armed Forces, all within a 1.5km radius of the area's northern edge and within a 2km radius of its western edge, had been partially covered with dirt.

On 9 December, positioned at three locations near the disengagement area, the Mission heard five undetermined explosions and nine shots and bursts of heavy-machine-gun and small-arms fire, all assessed as outside the disengagement area but within its 5km periphery.

On the evening of 8 December, the SMM camera in Zolote recorded ten undetermined explosions and nine projectiles in flight, all at an assessed range of 1-7km east, all assessed as outside the **Zolote disengagement area** but within its 5km periphery.

On 9 December, positioned on the southern edge of the area, the SMM saw four deminers and 16 workers from non-government-controlled areas entering the area on road T-1316. Later, it saw workers from non-government-controlled areas clearing vegetation about 20m west of road T-1316, about 1km north of the area's southern edge.

On 9 December, inside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), the Mission saw workers from non-government-controlled areas replacing railings on the metal span of the bridge and clearing vegetation in a field east of the checkpoint of the armed formations south of the bridge. It also saw two members of the armed formations (wearing armbands with "JCCC" written on them) between this checkpoint and the new section of the bridge.

On the same day, outside the disengagement area, about 60m north of its northern edge an SMM mini-UAV spotted an armoured personnel carrier (BTR-80) and three people assessed as Ukrainian Armed Forces personnel digging in the ground with shovels.

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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.

## **Withdrawal of weapons<sup>6</sup>**

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

It saw two towed howitzers beyond the withdrawal lines but outside of designated storage areas in a government-controlled area of Donetsk region (for further details, see the table below).

## **Weapons that the SMM could not verify as withdrawn<sup>7</sup>**

*At a heavy weapons holding area in government-controlled areas of Donetsk region*

9 December

The SMM noted that 19 tanks (T-64) were present.

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

The SMM observed armoured personnel carriers and infantry fighting vehicles on both sides of the contact line, some of which in residential areas (for further details, see the table below).

## **Anti-tank mines between Pikuzy and Vodiane**

On 7 December, an SMM mid-range UAV spotted for the first time 30 anti-tank mines laid in three rows 300m south-west of the southern outskirts of Pikuzy (formerly Kominternove, non-government-controlled, 92km south of Donetsk), assessed as belonging to the armed formations.

The same UAV spotted seven anti-tank mines laid in a single row across road T-0519 and an additional ten anti-tank mines laid in two rows in a field north of this road about 2.5km north-north-west of Vodiane (government-controlled, 94km south of Donetsk). About 900m north of Vodiane, the same UAV spotted 80 anti-tank mines laid in two rows in a field (a part of a larger set of 500 [previously observed](#) mines). All mines were assessed as not recent and belonging to the Ukrainian Armed Forces (for previous observations from the area, see the [SMM Daily Report 4 November 2019](#) and the [SMM Daily Report 9 December 2019](#)).

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

The SMM monitored adherence to localized ceasefires to facilitate the drilling of water wells near Pankivka (non-government-controlled, 16km north of Luhansk). The Mission continued to facilitate the operation of the Donetsk Filtration Station (15km north of Donetsk).

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<sup>6</sup> In the *Withdrawal of weapons* section of the [SMM Daily Report of 9 December 2019](#), the sentence: “The SMM noted that a mortar (82mm) was missing for the first time.” should have read “The SMM noted that all weapons were present.”

<sup>7</sup> The SMM visited an area 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>8</sup> The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

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

### Border areas outside government control

While at a border crossing point near Novoazovsk (non-government-controlled, 102km south-east of Donetsk) for about 35 minutes, the SMM saw eight cars (one with Ukrainian and five with Russian Federation licence plates, and two with “DPR” plates) entering Ukraine and three covered cargo trucks (one with Ukrainian licence plates and two with “DPR” plates) exiting Ukraine.

### Gatherings in Odessa, Kharkiv and Kyiv related to “Normandy format” meeting

On 8 December, the SMM monitored public gatherings in Odessa (about 150 participants, mixed ages and gender) and Kharkiv (about 200 participants, mixed ages and gender). During both events participants were holding Ukrainian flags as well as symbols of various movements and were expressing messages critical of the signing of the text of the “Steinmeier formula”.

On 9 December in Kyiv, the Mission [again](#) monitored a peaceful public gathering (up to 700 people, mostly young men) in front of the Office of the President at Bankova Street. The SMM saw that some of the protesters, some of whom were wearing clothing with *Natsionalni Druzhyny* insignia, were expressing messages critical of the signing of the text of the “Steinmeier formula”. The SMM saw a total of about 1,000 police officers securing the area. The Mission noted that participants dispersed in the early morning hours of 10 December (outside the reporting period).

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

### \*Restrictions of the SMM’s freedom of movement or other impediments to fulfilment of its mandate

*The SMM’s monitoring and freedom of movement are restricted by security hazards and threats, including risks posed by mines, unexploded ordnance (UXO) and other impediments – which vary from day to day. The SMM’s mandate provides for safe and secure access throughout Ukraine. All signatories of the Package of Measures have agreed on the need for this safe and secure access, that restriction of the SMM’s freedom of movement constitutes a violation, and on the need for rapid response to these violations. They have also agreed that the Joint Centre for Control and Coordination should contribute to such response and co-ordinate mine clearance. Nonetheless, the armed formations in parts of Donetsk and Luhansk regions frequently deny the SMM access to areas adjacent to Ukraine’s border outside control of the Government (for example, see [SMM Daily Report of 19 November 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 800 north of Zaichenko (non-government-controlled, 93km south of Donetsk), a member of the armed formations [again](#) denied the SMM passage towards Pikuzy (formerly Kominternove, non-government-controlled, 92km 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.

Other impediments:

- On 8 December, an SMM long-range UAV experienced dual GPS signal interference, assessed as caused by jamming while flying between Baranivka (government-controlled, 41km north-west of Donetsk) and Stepanivka (government-controlled, 54km north of Donetsk).<sup>9</sup>

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<sup>9</sup> The interference could have originated from anywhere within the radius of kilometres from the UAV's position.

## Table of weapons

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

Date	No. of weapons	Type of weapon	Location	Source of observation
<b>Government-controlled areas</b>				
9/12/2019	2	Towed howitzer (D-30 <i>Lyagushka</i> , 122mm)	In a field north of Khibodarivka (65km south-west of Donetsk)	Patrol

### Table of indications of military and military-type presence in the security zone<sup>10</sup>

Date	No.	Type	Location	Source of observation
<b>Government-controlled areas</b>				
7/12/2019	1	Armoured combat vehicle	In a residential area of Vodiane (94km south of Donetsk)	Mid-range UAV
	6	Infantry fighting vehicle (BMP variant)	In a residential area of Popasna (69km west of Luhansk)	Mini UAV
	1	Armoured personnel carrier (BTR-70)	Near Svitlodarsk (57km north-east of Donetsk)	
	1	Armoured recovery vehicle (BREM-Ch)	In residential areas of Zolote (60km west of Luhansk)	
	1	Armoured combat vehicle		
	5	Infantry fighting vehicle (BMP variants)		
8/12/2019	2	Infantry fighting vehicle (BMP-1)	In and near Popasna	
	6	Armoured combat vehicle (three probable)		
9/12/2019	3	Infantry fighting vehicle (BMP-2)	In Bohdanivka (41km south-west of Donetsk)	Patrol
<b>Non-government-controlled areas</b>				
7/12/2019	3	Infantry fighting vehicles (BMP-1)	Near Novoselivka (16km west of Luhansk)	Mini UAV
8/12/2019	1	Infantry fighting vehicle (BMP-1)	In a residential area of Luhansk city	
	3	Armoured personnel carrier (BTR-80)		

<sup>10</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 9 December 2019<sup>11</sup>**

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-4km ESE	Recorded	2	Projectile	WSW to ENE	N/K	8-Dec, 21:07
	2-4km ESE	Recorded	16	Projectile	WSW to ENE	N/K	8-Dec, 23:33
	2-4km SE	Recorded	1	Illumination flare	In vertical flight	N/K	8-Dec, 23:43
	0.5-2km SE	Recorded	1	Projectile	WNW to ESE	N/K	9-Dec, 17:29
	1-2km E	Recorded	1	Explosion	Undetermined	N/K	9-Dec, 17:41
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SSW	Recorded	1	Projectile	E to W	N/K	8-Dec, 21:13
	1-3km SSW	Recorded	1	Explosion	Undetermined	N/K	9-Dec, 01:25
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	2-4km ESE	Recorded	3	Projectile	In vertical flight	N/K	8-Dec, 19:25
	2-4km SE	Recorded	6	Projectile	WSW to ENE	N/K	8-Dec, 22:19
	2-4km ESE	Recorded	1	Projectile	WSW to ENE	N/K	9-Dec, 02:19
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	9-Dec, 02:20
	2-4km ESE	Recorded	1	Projectile	SSW to NNE	N/K	9-Dec, 02:24
	2-4km ESE	Recorded	1	Projectile	WSW to ENE	N/K	9-Dec, 02:25
	2-4km ESE	Recorded	1	Projectile	SSW to NNE	N/K	9-Dec, 02:38
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	9-Dec, 02:39
	2-4km E	Recorded	2	Explosion	Undetermined	N/K	9-Dec, 02:41
	2-4km ESE	Recorded	1	Projectile	SSE to NNW	N/K	9-Dec, 02:44
	2-4km E	Recorded	1	Explosion	Undetermined (subsequent to previous event)	N/K	9-Dec, 02:44
	2-4km ESE	Recorded	1	Projectile	SSW to NNE	N/K	9-Dec, 02:46
	2-4km ESE	Recorded	1	Projectile	SSW to NNE	N/K	9-Dec, 02:47
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	9-Dec, 02:48
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	9-Dec, 02:51
2-4km ESE	Recorded	1	Projectile	SSW to NNE	N/K	9-Dec, 02:51	
SMM camera at entry-exit checkpoint in Hnutove (government-controlled, 84km S of Donetsk)	2-5km ESE	Recorded	1	Projectile	S to N	N/K	9-Dec, 03:02
SMM camera in Hranitne (government-controlled, 60km S of Donetsk)	1-3km E	Recorded	1	Projectile	SSW to NNE	N/K	9-Dec, 02:29
	2-5km E	Recorded	1	Illumination flare	In vertical flight	N/K	9-Dec, 18:06
SMM camera in Petrivske (non-government-controlled, 41km S of Donetsk)	0.5-1km W	Recorded	1	Muzzle flash	Assessed as outside the disengagement area	N/K	1-Dec, 20:15
	2-3km N	Heard	1	Explosion	Undetermined	N/K	9-Dec, 08:36

<sup>11</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.



Central railway station in Donetsk (non-government-controlled, 6km NW of Donetsk city centre)	1-2km NW	Heard	5	Shot		Small arms	9-Dec, 09:15-09:35
	1-2km NW	Heard	1	Burst		Small arms	9-Dec, 09:15-09:35
Oleksandrivka (non-government-controlled, 20km SW of Donetsk)	2km WSW	Heard	4	Burst		Small arms	9-Dec, 11:44
	2-3km WNW	Heard	10	Shot		Cannon (30mm)	9-Dec, 11:55
	2-3km WNW	Heard	5	Burst		Small arms	9-Dec, 11:56
	2-3km WNW	Heard	2	Explosion	Impact	N/K	9-Dec, 11:58
	2-3km WNW	Heard	5	Burst		Small arms	9-Dec, 11:59
	2-3km WNW	Heard	2	Explosion	Undetermined	N/K	9-Dec, 12:01
	2-3km WNW	Heard	2	Explosion	Impact	N/K	9-Dec, 12:07
	2-3km WNW	Heard	9	Shot		Cannon (30mm)	9-Dec, 12:11
	2-3km WNW	Heard	14	Burst		Small arms	9-Dec, 12:12
	2-4km WNW	Heard	12	Explosion	Undetermined	N/K	9-Dec, 12:11-12:13
	2-3km WNW	Heard	21	Burst		Small arms	9-Dec, 12:11-12:14
	2-3km WNW	Heard	3	Burst		HMG	9-Dec, 12:14
	2-4km WNW	Heard	2	Explosion	Impact	N/K	9-Dec, 12:15
	3-4km NW	Heard	1	Explosion	Impact	N/K	9-Dec, 12:35
	2-4km NW	Heard	9	Burst		HMG	9-Dec, 12:36-12:38
	3-4km NW	Heard	1	Explosion	Undetermined	N/K	9-Dec, 12:37
	3-4km NW	Heard	1	Explosion	Undetermined	N/K	9-Dec, 12:39
	3-4km NW	Heard	3	Burst		HMG	9-Dec, 12:40
	3km NNW	Heard	1	Explosion	Impact	N/K	9-Dec, 12:42
	3km NNW	Heard	6	Burst		HMG	9-Dec, 12:43
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km SW	Heard	2	Explosion	Undetermined	N/K	9-Dec, 09:51
	1km S	Heard	7	Shot		Small arms	9-Dec, 10:38
	1km S	Heard	7	Shot		Small arms	9-Dec, 10:43
	1km W	Heard	1	Burst		Small arms	9-Dec, 10:49
	1km W	Heard	2	Shot		Small arms	9-Dec, 10:54
	1km W	Heard	2	Burst		Small arms	9-Dec, 10:54
	1km SW	Heard	2	Burst		Small arms	9-Dec, 12:07
	1-2km W	Heard	1	Burst		HMG	9-Dec, 12:08
	1km S	Heard	3	Shot		Small arms	9-Dec, 12:43
	1km S	Heard	1	Burst		HMG	9-Dec, 13:32
	1km NW	Heard	20	Shot		Small arms	9-Dec, 13:38
	1km NW	Heard	3	Burst		Small arms	9-Dec, 13:44
About 2km N of Petrivske (non-government-controlled,	3-4km S	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	9-Dec, 10:40

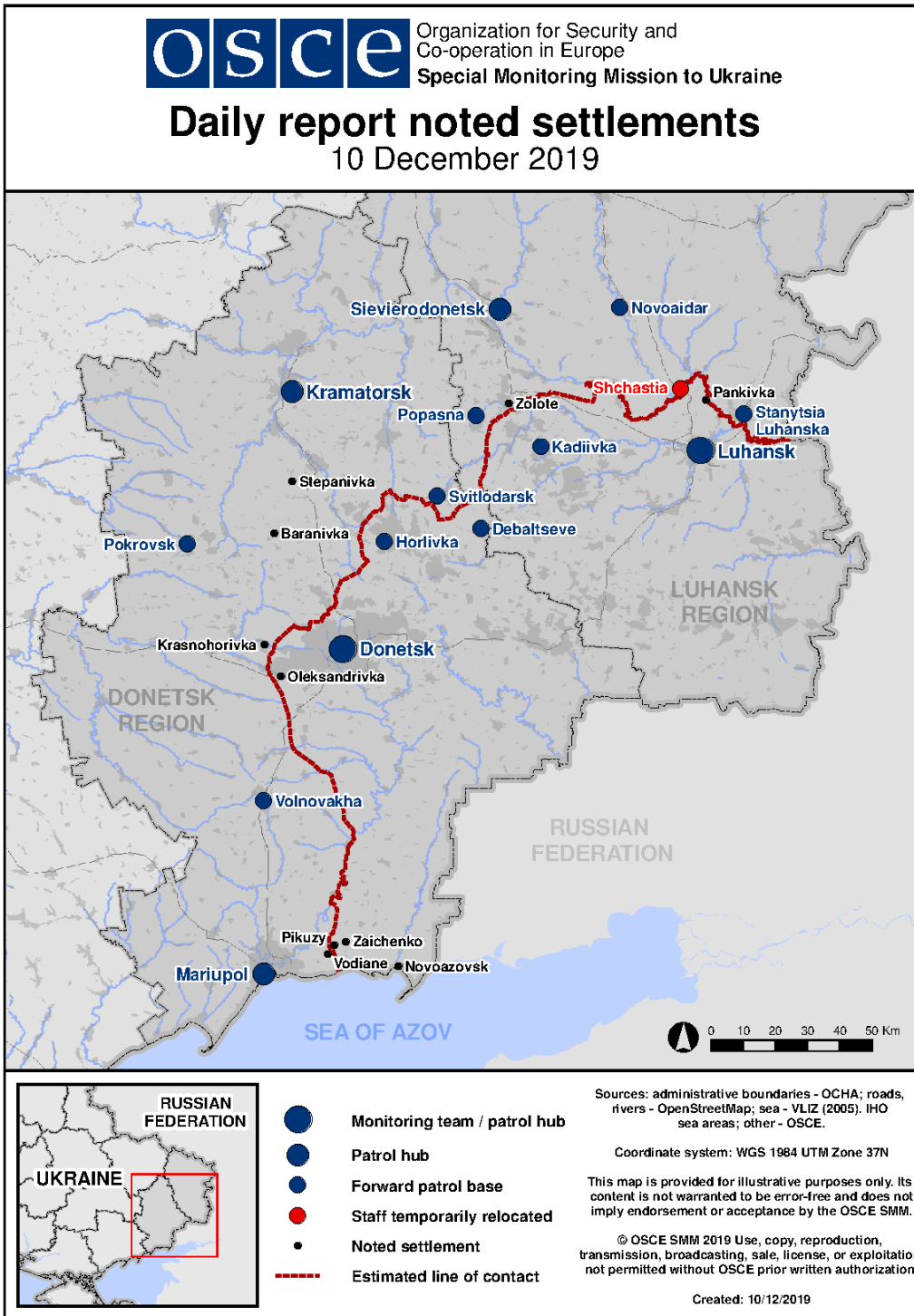
41km S of Donetsk)	3-4km SSE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	9-Dec, 10:58
	3-4km SSE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	9-Dec, 11:18
	3-4km SSE	Heard	8	Shot	Assessed as outside the disengagement area	Small arms	9-Dec, 13:53-14:00
	3-4km SSE	Heard	1	Burst	Assessed as outside the disengagement area	HMG	9-Dec, 13:53-14:00
About 700m NW of Petrivske (non-government-controlled, 41km S of Donetsk)	4-5km SSE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	9-Dec, 11:45
About 4km NW of Debaltseve (non-government-controlled, 58km NE of Donetsk)	1.5km NW	Heard	2	Explosion	Outgoing	N/K	9-Dec, 13:51
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	1-2km SE	Heard	3	Burst		Small arms	9-Dec, 11:45
Pervomaiske (government-controlled, 17km NW of Donetsk)	1-2km S	Heard	6	Burst		Small arms	9-Dec, 12:48
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	9-Dec, 13:24
About 2.5km SSE of Lomakyne (government-controlled, 93km S of Donetsk)	2km ENE	Heard	1	Shot		Small arms	9-Dec, 10:03
About 2km SW of Pyshchevyk (government-controlled, 84km S of Donetsk)	2-4km NE	Heard	2	Shot		N/K	9-Dec, 10:11
	2-3km SE	Heard	29	Shot		Small arms	9-Dec, 13:37-13:40
About 1km NE of Bohdaniivka (government-controlled, 41km SW of Donetsk)	4-5km SE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	9-Dec, 10:23
About 3.5km ESE of Fedorivka	3-4km SSE	Heard	4	Explosion	Undetermined	N/K	9-Dec, 11:10-11:17
	5-6km E	Heard	30	Burst		HMG	9-Dec, 11:30

(government-controlled, 71km S of Donetsk)	5-6km NNE	Heard	2	Explosion	Undetermined	N/K	9-Dec, 11:45
About 4km NW of Oleksandrivske (formerly Rozy Liukseburh, non-government-controlled, 90km SE of Donetsk)	3-4km E	Heard	8	Burst		HMG	9-Dec, 11:40-11:44
Orlivske (government-controlled, 82km S of Donetsk)	3-5km E	Heard	1	Shot		Cannon (30mm)	9-Dec, 12:00
Svitlodarsk (government-controlled, 57km NE of Donetsk)	5-6km SE	Heard	3	Explosion	Undetermined	N/K	8-Dec, 18:05
	3-4km SSE	Heard	2	Burst		HMG	8-Dec, 18:56
	3-4km SSE	Heard	1	Explosion	Undetermined	N/K	8-Dec, 19:57
	3-4km SSE	Heard	1	Explosion	Undetermined	N/K	8-Dec, 21:27
	3-4km SSE	Heard	5	Burst		HMG	8-Dec, 21:37-21:39
	3-4km SSE	Heard	8	Explosion	Undetermined	N/K	8-Dec, 22:46-22:48
	3-4km SSE	Heard	7	Burst		HMG	8-Dec, 22:58
	3-4km SSE	Heard	4	Explosion	Undetermined	N/K	8-Dec, 23:01
	3-4km SSE	Heard	5	Burst		HMG	8-Dec, 23:08
	3-4km SSE	Heard	1	Explosion	Undetermined	N/K	8-Dec, 23:10
	3-4km SSE	Heard	1	Explosion	Undetermined	N/K	8-Dec, 23:20
	3-4km WSW	Heard	5	Burst		HMG	9-Dec, 17:08-17:10
Horlivka (non-government-controlled, 39km NE of Donetsk)	2-3km W	Heard	1	Burst		Small arms	8-Dec, 18:55-18:56
	2-3km W	Heard	2	Burst		Small arms	8-Dec, 23:08-23:09
	2-3km W	Heard	1	Burst		Small arms	8-Dec, 23:40-23:41
	4-5km NW	Heard	1	Explosion	Undetermined	N/K	9-Dec, 00:05-00:06
	2-4km W	Heard	10	Burst		Small arms	9-Dec, 00:09-00:14
	2-4km W	Heard	2	Burst		Small arms	9-Dec, 00:30-00:32
	2-4km W	Heard	4	Burst		Small arms	9-Dec, 00:44-00:45
Krasnohorivka (government-controlled, 21km W of Donetsk)	5-6km N	Heard	1	Explosion	Undetermined	N/K	9-Dec, 11:29
	5-6km N	Heard	2	Explosion	Undetermined	N/K	9-Dec, 11:32
	5-6km N	Heard	2	Explosion	Undetermined	N/K	9-Dec, 11:33
	5-6km N	Heard	2	Explosion	Undetermined	N/K	9-Dec, 11:36
	4-5km SW	Heard	5	Burst		HMG	9-Dec, 11:38-11:42
	4-5km W	Heard	3	Explosion	Undetermined	N/K	9-Dec, 11:44
	4-5km W	Heard	3	Explosion	Undetermined	N/K	9-Dec, 11:53
	4-5km W	Heard	20	Burst		HMG	9-Dec, 11:54-11:56
	4-5km W	Heard	3	Explosion	Undetermined	AGL	9-Dec, 11:58
	4-5km NE	Heard	7	Explosion	Undetermined	N/K	9-Dec, 12:05-12:09

	4-5km NE	Heard	20	Burst		HMG	9-Dec, 12:07-12:12
	4-5km NE	Heard	15	Explosion	Undetermined	AGL	9-Dec, 12:07-12:12
	4-5km NE	Heard	10	Explosion	Undetermined	N/K	9-Dec, 12:14-12:19
	4-5km W	Heard	9	Explosion	Undetermined	N/K	9-Dec, 12:15-12:19
	4-5km W	Heard	20	Burst		HMG	9-Dec, 12:20-12:24
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	2-4km SW	Recorded	1	Explosion	Undetermined	N/K	8-Dec, 18:39
	2-4km SSW	Recorded	4	Projectile	NW to SE	N/K	8-Dec, 18:54
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	1-3km E	Recorded	5	Projectile	S to N (assessed as outside the disengagement area)	N/K	8-Dec, 22:37
	2-5km E	Recorded	1	Explosion	Outgoing (assessed as outside the disengagement area)	N/K	8-Dec, 22:06
	2-5km E	Recorded	1	Projectile	S to N, (subsequent to previous event, assessed as outside the disengagement area)	N/K	8-Dec, 22:06
	2-5km E	Recorded	1	Explosion	Airburst (assessed as outside the disengagement area)	N/K	8-Dec, 22:06
	2-4km E	Recorded	4	Projectile	S to N (assessed as outside the disengagement area)	N/K	8-Dec, 22:37
	2-5km E	Recorded	1	Explosion	Outgoing (assessed as outside the disengagement area)	N/K	8-Dec, 22:40
	2-5km E	Recorded	1	Projectile	In vertical flight (subsequent to previous event, assessed as outside the disengagement area)	N/K	8-Dec, 22:40
	2-5km E	Recorded	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	8-Dec, 22:40
	5-7km E	Recorded	5	Explosion	Assessed as outside the disengagement area	N/K	8-Dec, 23:25

2km N of Pervomaisk (non-government-controlled, 58km W of Luhansk)	10-12km SW	Heard	4	Explosion	Undetermined	N/K	9-Dec, 11:16-11:17
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### Map of Donetsk and Luhansk regions<sup>12</sup>



<sup>12</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).