

# Daily Report 304/2019

24 December 2019<sup>1</sup>

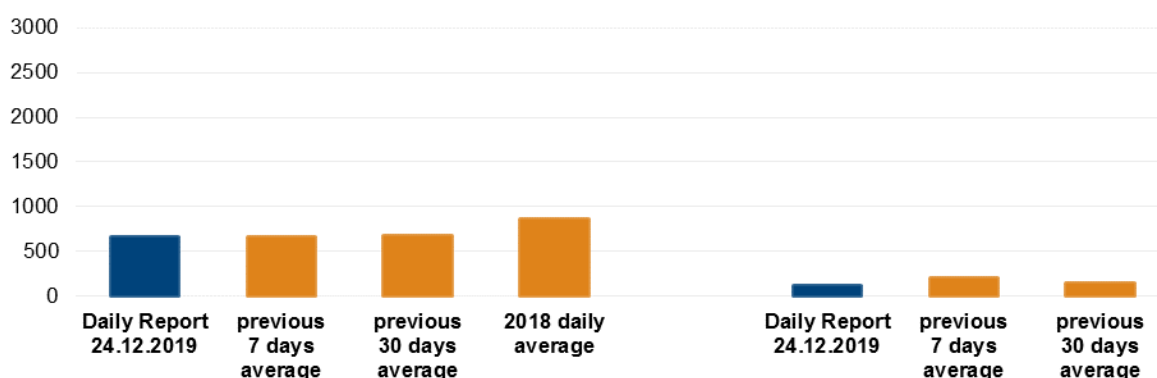
## Summary

- 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.
- The SMM continued monitoring the situation at the three disengagement areas near Petrivske, Zolote and Stanytsia Luhanska.
- The Mission saw weapons in violation of and beyond withdrawal lines in non-government-controlled and government-controlled areas of Luhansk region, respectively.
- It monitored adherence to localized ceasefires to facilitate repairs to water pipelines near Krasnyi Lyman and continued to monitor the security situation around the pumping station near Vasylivka and to facilitate the operation of the Donetsk Filtration Station.
- The SMM's freedom of movement continued to be restricted, including at checkpoints of the armed formations near Rozdolne, Petrivske, Prymorske, Bezimenne, Novoazovsk, and Zaichenko in southern Donetsk region.\*

## 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, 23 December 2019. All times are in Eastern European Time. The next SMM Daily Report (305/2019) covering the period 24 - 26 December 2019 will be issued on 27 December 2019.

<sup>2</sup> For a complete breakdown of ceasefire violations, please see the annexed table.

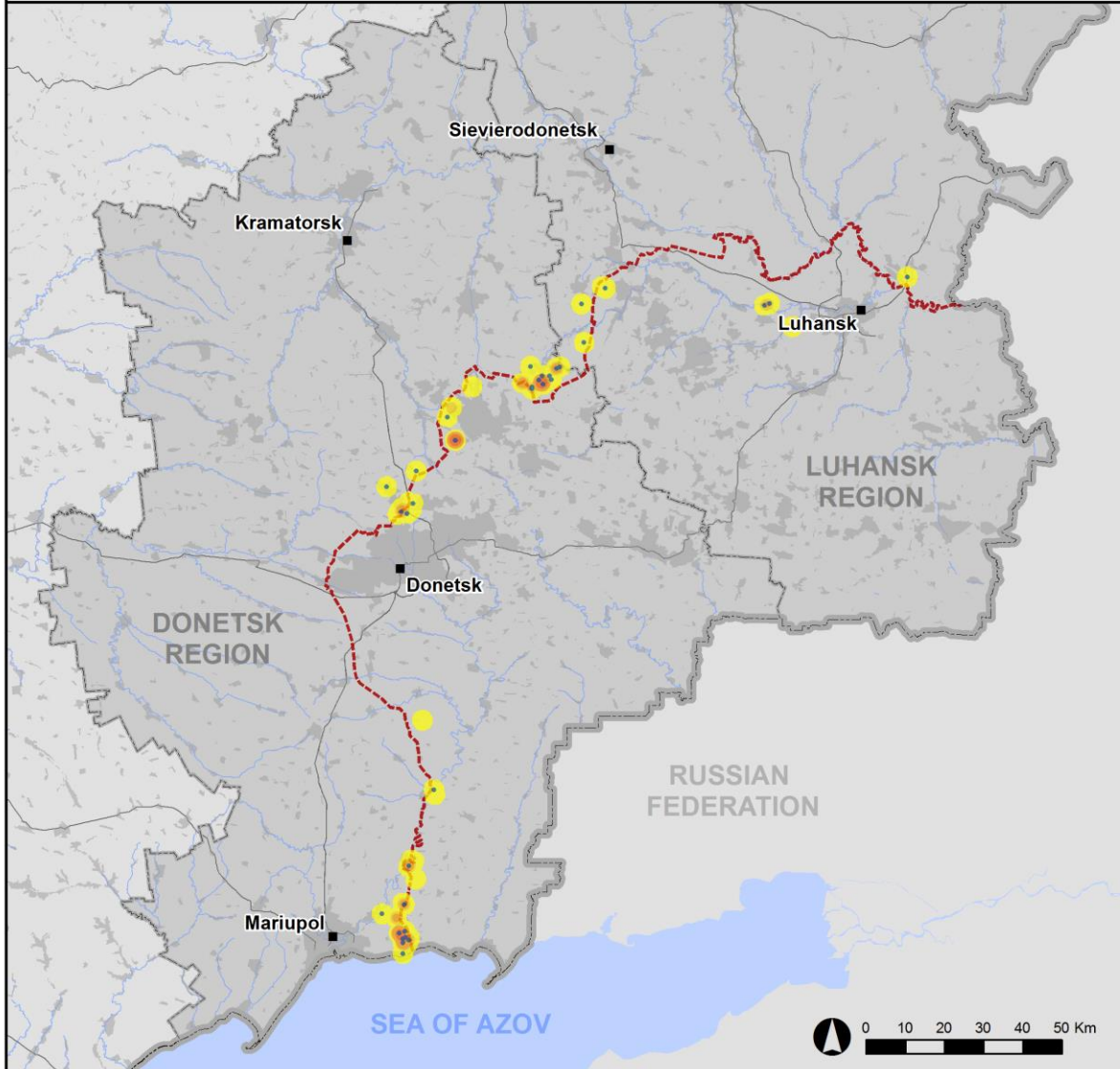
<sup>3</sup> Including explosions.

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

### Map of recorded ceasefire violations

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

## Ceasefire violations observed by the SMM 23 December 2019



#### Ceasefire violation concentration

- High
- 
- Low
- 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: 24/12/2019

In Donetsk region, the SMM recorded fewer ceasefire violations, including fewer explosions (about 80), compared with the [previous 24 hours](#) (370 explosions). More than two thirds of ceasefire violations were recorded at southerly directions of Svitlodarsk (government-controlled, 57km north-east of Donetsk), in areas south-west and west of Horlivka (non-government-controlled, 39km north-east of Donetsk) and at northerly directions of Shyrokyne (government-controlled, 100km south of Donetsk).

In Luhansk region, the SMM recorded a similar number of ceasefire violations, including fewer explosions (42), compared with the [previous 24 hours](#) (45 explosions). More than 80 per cent of ceasefire violations, including the majority of ceasefire violations were recorded in areas south and south-west of Zhovte (non-government-controlled, 17km north-west of Luhansk) and in areas south-south-west of Zolote (government-controlled, 60km west of Luhansk) (see below).

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

Positioned about 2km north of Petrivske (non-government-controlled, 41km south of Donetsk), the SMM heard two shots of small-arms fire at an assessed range of 2-3km south-east, assessed as outside the **disengagement area near Petrivske** but within 5km of its periphery.

Inside the **disengagement area near Zolote**, the SMM saw 20 workers and five deminers from non-government-controlled areas clearing vegetation west and east of road T-1316, about 700m north of the area's southern edge. It again saw a blue container with "JCCC" written on it about 50m south of the area's southern edge, as well as members of the armed formations (wearing armbands with "JCCC" written on them) on the area's southern edge.

Inside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), the SMM saw seven members of the armed formations (wearing armbands with "JCCC" written on them) between the new section of the bridge and the checkpoint of the armed formations south of it. Positioned at the south-eastern edge of the area, the SMM heard an undetermined explosion at an assessed range of 2-4km north-east, assessed as outside the area, but within 5km of its periphery.

### 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.

It saw two mortars in violation of withdrawal lines in non-government-controlled area of Luhansk region and 39 weapons beyond withdrawal lines but outside designated storage sites in a government-controlled area of Luhansk region (for further details, see the table below).

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

The SMM observed military and military-type presence inside the security zone on both sides of the contact line in Donetsk and Luhansk regions (for further details, see the table below).

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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.

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

### **Presence of anti-tank mines near government-controlled Pyshevyk**

On 20 December, an SMM mid-range unmanned aerial vehicle (UAV) spotted for the first time at least 16 anti-tank mines (probable TM-62) in a field about 2km north-east of Pyshevyk (government-controlled, 84km south of Donetsk), assessed as belonging to the Ukrainian Armed Forces.

On 21 December, an SMM-mid range UAV spotted for the first time 19 anti-tank mines in a field about 3km south-south-east of Pyshevyk (not seen in imagery from 3 November 2019). In a field about 1.2km further west, the UAV [again](#) spotted at least 100 anti-tank mines. About 50m further south, the UAV [again](#) spotted at least 800 anti-tank mines. About 3.8km south of the aforementioned mines, the UAV again spotted 13 anti-tank mines (probable TM-62). All the aforementioned mines were assessed as belonging to the Ukrainian Armed forces.

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

The SMM monitored adherence to localized ceasefires to facilitate clearance of water wells near Krasnyi Lyman (non-government-controlled, 30km north-west of Luhansk). It continued to facilitate the operation of the Donetsk Filtration Station (15km north of Donetsk) and monitor the security situation around the pumping station near Vasylivka (non-government-controlled, 20km north of Donetsk).

### **Water shortages affecting civilians along the contact line**

Two residents (women in their thirties) of Brianka (non-government-controlled, 46km south-west of Luhansk) told the SMM that the village received water supply with only three hours a day since 22 December. Residents of Kadiivka (formerly Stakhanov, non-government-controlled, 50km west of Luhansk) and Holubivka (formerly Kirovsk, non-government-controlled, 51km west of Luhansk) also told the SMM that the villages had been facing water shortages since 21 December 2019. In Zolote-5/Mykhailivka (non-government-controlled, 58km north-west of Luhansk) and in Pervomaisk (non-government-controlled, 58km west of Luhansk), residents told the Mission that the village had had no water supply for three consecutive days. Lack of potable water was also raised by residents of Starovarvarivka (government-controlled, 87km north-west of Donetsk) and Novoiavlenka (government-controlled, 84km north-west of Donetsk).

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

While at a border crossing point near Dovzhanske (84km south-east of Luhansk) for about 20 minutes, the SMM saw two covered cargo trucks with “LPR” plates entering Ukraine and covered cargo truck with “LPR” plates exiting Ukraine.

While at a pedestrian crossing point near Novoborovytsi (79km south of Luhansk) for about 30 minutes, the Mission saw two women exiting Ukraine.

While at a border crossing point near Uspenka (73km south-east of Donetsk) for an hour, it saw 30 cars (eight with Ukrainian, seven with Russian Federation as well as 15 with “DPR” plates), a covered cargo truck with Ukrainian licence plates, a bus with “DPR” plates, and 14 pedestrians (eight women and six men, mixed ages) entering Ukraine. It also saw 22 cars (three

with Ukrainian, ten with Russian Federation and one with unknown licence plates, as well as eight with “DPR” plates), 18 covered cargo trucks (12 with Ukrainian licence plates and six with “DPR” plates), and four women (mixed ages) exiting Ukraine.

While at a pedestrian border crossing point near Ulianivske (61km south-east of Donetsk) for about 25 minutes, the SMM did not see any pedestrian or vehicular traffic.

The Mission continued monitoring in Kherson, Odessa, Lviv, Ivano-Frankivsk, Kharkiv, 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 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 Co-ordination 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 21 December 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 near Rozdolne (non-government-controlled, 46km south-east of Donetsk), an armed member of the armed formations denied the SMM passage, citing “repair works on the road to Petrivske”.
- At a checkpoint in Petrivske (non-government-controlled, 41km south of Donetsk), an armed member of the armed formations denied the SMM passage towards east of Petrivske, citing “repair works on the road to Rozdolne”.
- At a checkpoint near Prymorske (non-government-controlled, 76km south of Donetsk), an armed member of the armed formations [again](#) denied the SMM passage towards Naberezhne (non-government-controlled, 77km south of Donetsk) and Tavrycheske (non-government-controlled, 76km south of Donetsk) after it refused to show its patrol plan. formations
- At a checkpoint west of Bezimenne (non-government-controlled, 100m south of Donetsk), an armed member of the armed formations [again](#) denied the SMM passage.
- At a checkpoint north of Novoazovsk (non-government-controlled, 102km south-east of Donetsk), two armed members of the armed formations [again](#) denied the SMM passage, citing an “ongoing operation in the area”.
- At a checkpoint north of Zaichenko (non-government-controlled, 93km south of Donetsk), two armed members of the armed formations [again](#) denied the SMM passage towards Sakhanka (non-government-controlled, 97km south of Donetsk) and Pikuzy (formerly Kominternove, non-government-controlled, 92km south of Donetsk), citing “ongoing 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.

Delay:

- At a checkpoint west of Verkhnohyrokiyske (formerly Oktiabr, non-government-controlled, 85km south of Donetsk), a member of the armed formations [again](#) allowed the SMM to proceed only after 17 minutes of waiting.

Other impediments:

- On 23 December, on three occasions, an SMM mini-UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas near Petrivske (non-government-controlled, 41km south of Donetsk). On three other occasions, SMM mini-UAVs experienced GPS signal interference, also assessed as caused by probable jamming, while flying over areas near Styla (non-government-controlled, 34km south of Donetsk).<sup>7</sup>

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<sup>7</sup> The interference could have originated from anywhere within the radius of kilometres from the UAV's position.

**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>				
21/12/2019	2	Mortar (2B11 <i>Sani</i> , 120mm)	Near Vesela Hora (16km north of Luhansk)	Mini-UAV

**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>				
21/12/2019	9	Tank (T-72)	At a railway station in Rubizhne (84km north-west of Luhansk).	Mini-UAV
	14	Self-propelled howitzer (six 2S3 <i>Akatsiya</i> , 152mm and eight 2S1 <i>Gvozdika</i> , 122mm)		
	1	Surface-to-air missile system (9K35 <i>Strela-10</i> )		
22/12/2019	6	Anti-tank gun (MT-12 <i>Rapira</i> , 100mm)		
23/12/2019	9	Tank (T-80)		

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

Date	No.	Type	Location	Source of observation
<b>Government-controlled areas</b>				
21/12/2019	1	Infantry fighting vehicle (BMP-1)	Near Pyshevyk (84km south of Donetsk)	Mid-range UAV
	1	Probable infantry fighting vehicle (BMP-1)		
	2	Armoured reconnaissance vehicle (BRDM-2)	Near Vozdvyzhenka (formerly Krasnyi Pakhar, 66km north-east of Donetsk)	Mini-UAV
	3	Infantry fighting vehicle (BMP-1)		
23/12/2019	3	Infantry fighting vehicle (BMP variant)	In Popasna (69km west of Luhansk)	Patrol
	3	Anti-aircraft gun (ZU-23, 23mm)	In Kriakivka (38km north-west of Luhansk)	
	4	Infantry fighting vehicle (BMP variant)	In Novozvanivka (70km west of Luhansk)	
<b>Non-government-controlled areas</b>				
22/12/2019	4	Armoured combat vehicle	Near Kalynove (60km 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 23 December 2019<sup>9</sup>**

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-4km SE	Recorded	3	Explosion	Undetermined	N/K	23-Dec, 01:09
	2-4km SE	Recorded	5	Projectile	NE to SW	N/K	23-Dec, 01:11
	2-4km SE	Recorded	1	Projectile	NE to SW	N/K	23-Dec, 01:12
	2-4km SE	Recorded	3	Projectile	NE to SW	N/K	23-Dec, 01:19
	2-4km SSE	Recorded	1	Projectile	SW to NE	N/K	23-Dec, 01:19
	2-4km SE	Recorded	3	Projectile	NE to SW	N/K	23-Dec, 01:25
	2-4km SE	Recorded	2	Projectile	NNE to SSW	N/K	23-Dec, 01:46
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	1.5-2km ESE	Recorded	4	Projectile	N to S	N/K	22-Dec, 18:42
	2-3km SSE	Recorded	6	Projectile	NE to SW	N/K	22-Dec, 20:31
	2-3km SSE	Recorded	6	Projectile	SW to NE	N/K	22-Dec, 22:00
	2-3km ESE	Recorded	1	Projectile	NE to SW	N/K	23-Dec, 05:35
	2-3km SSE	Recorded	8	Projectile	NE to SW	N/K	23-Dec, 05:43
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-3km SSW	Recorded	1	Projectile	SE to NW	N/K	23-Dec, 17:16
SMM camera at entry-exit checkpoint in Hnutove (government-controlled, 84km S of Donetsk)	3-5km ENE	Recorded	2	Projectile	N to S	N/K	22-Dec, 20:31
SMM camera in Hranitne (government-controlled, 60km S of Donetsk)	2-4km E	Recorded	2	Projectile	NNE to SSW	N/K	23-Dec, 17:39
	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	23-Dec, 17:50
SMM camera E of Lomakyne (government-controlled, 93km S of Donetsk)	2-3km N	Recorded	1	Explosion	Undetermined	N/K	23-Dec, 17:55
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km E	Recorded	1	Illumination flare	In vertical flight	N/K	22-Dec, 23:37
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	3-5km N	Recorded	1	Explosion	Undetermined	N/K	22-Dec, 17:07
	3-6km N	Recorded	4	Projectile	W to E	N/K	22-Dec, 17:07
	2-5km NNE	Recorded	3	Projectile	ESE to WNW	N/K	22-Dec, 17:37
	4-6km N	Recorded	2	Projectile	W to E	N/K	22-Dec, 18:01
	4-6km N	Recorded	1	Projectile	W to E	N/K	22-Dec, 18:14
	3-6km NNE	Recorded	5	Projectile	ESE to WNW	N/K	22-Dec, 18:43
	3-5km N	Recorded	2	Projectile	WSW to ENE	N/K	22-Dec, 18:44
	3-6km N	Recorded	3	Projectile	WNW to ESE	N/K	22-Dec, 18:44
	3-6km N	Recorded	5	Projectile	E to W	N/K	22-Dec, 18:45
	3-6km N	Recorded	2	Projectile	E to W	N/K	22-Dec, 18:56

<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.

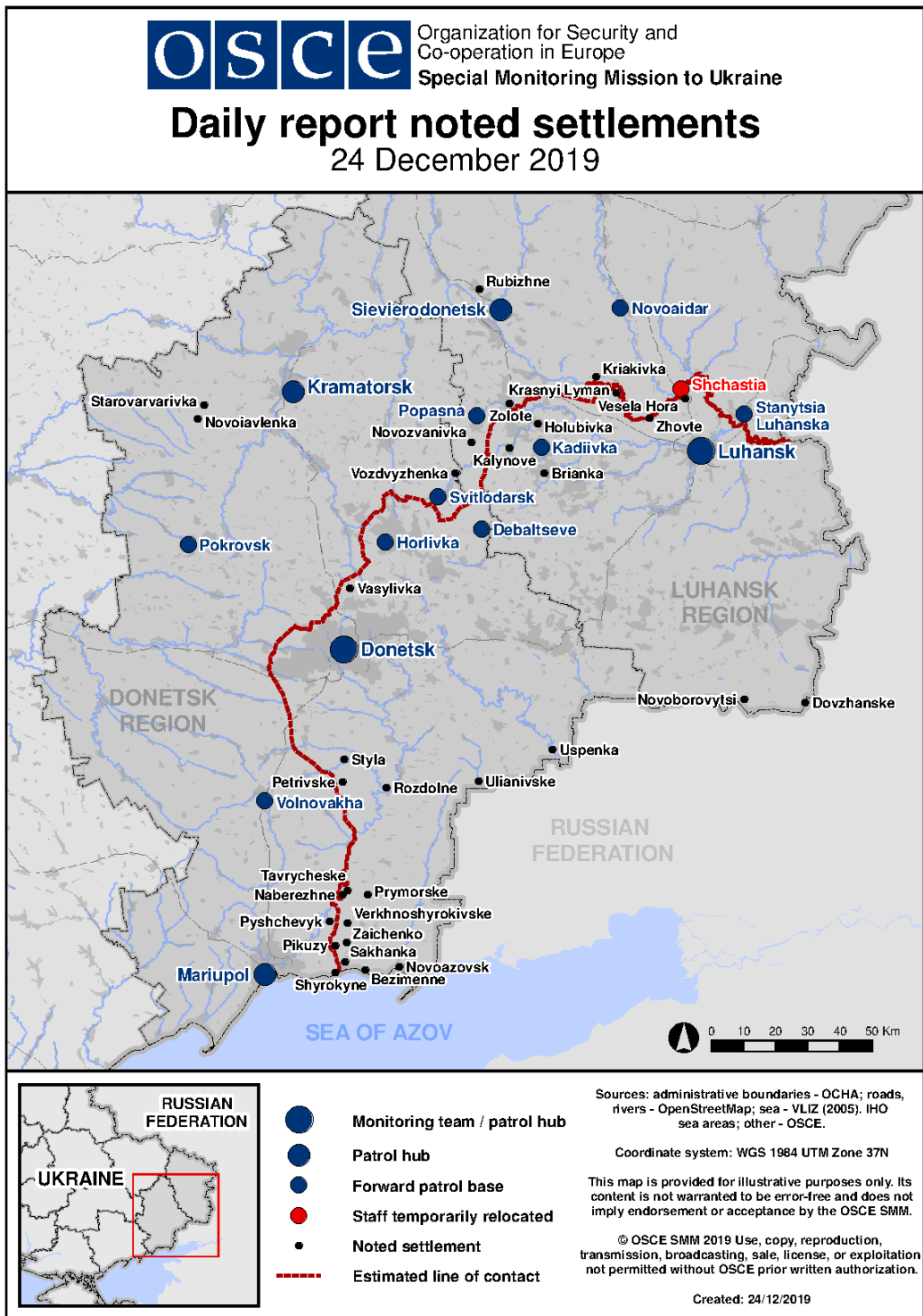


	200-400m NNE	Recorded	2	Explosion	Undetermined	N/K	22-Dec, 19:00
	3-5km NNE	Recorded	1	Projectile	ESE to WNW	N/K	22-Dec, 19:06
	3-5km NNE	Recorded	4	Projectile	ESE to WNW	N/K	22-Dec, 19:17
	3-6km N	Recorded	4	Projectile	E to W	N/K	22-Dec, 19:22
	3-6km N	Recorded	2	Projectile	W to E	N/K	22-Dec, 19:31
	2-4km NNE	Recorded	2	Projectile	E to W	N/K	22-Dec, 22:09
	2-4km N	Recorded	5	Projectile	E to W	N/K	23-Dec, 00:44
	2-4km N	Recorded	7	Projectile	E to W	N/K	23-Dec, 01:32
	2-4km N	Recorded	2	Projectile	W to E	N/K	23-Dec, 03:08
	2-4km N	Recorded	6	Projectile	W to E	N/K	23-Dec, 03:10
	2-4km N	Recorded	9	Projectile	W to E	N/K	23-Dec, 03:35
	2-4km N	Recorded	4	Projectile	W to E	N/K	23-Dec, 04:41
	2-4km N	Recorded	2	Explosion	Undetermined	N/K	23-Dec, 04:44
	2-4km N	Recorded	1	Illumination flare	In vertical flight	N/K	23-Dec, 05:09
	3-5km NNE	Recorded	1	Explosion	Undetermined	N/K	23-Dec, 17:14
	3-5km N	Recorded	2	Projectile	E to W	N/K	23-Dec, 17:51
	3-6km N	Recorded	1	Muzzle flash		N/K	23-Dec, 17:55
	3-6km N	Recorded	1	Projectile	NNE to SSW	N/K	23-Dec, 17:55
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	23-Dec, 17:55
	3-5km NNE	Recorded	4	Projectile	E to W	N/K	23-Dec, 18:06
	3-5km N	Recorded	2	Projectile	E to W	N/K	23-Dec, 18:07
	3-6km N	Recorded	1	Projectile	W to E	N/K	23-Dec, 18:26
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km W	Heard	2	Burst		Small arms	23-Dec, 09:10
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	23-Dec, 13:11
	2-3km SW	Heard	1	Burst		Small arms	23-Dec, 13:19
About 1.8km N of Petrivske (non-government-controlled, 41km S of Donetsk)	2-3km SE	Heard	2	Shot	Assessed as outside the disengagement area	Small arms	23-Dec, 11:04
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	1-2km SSE	Heard	5	Shot		Small arms	23-Dec, 09:05
	3-4km E	Heard	1	Explosion	Undetermined	N/K	23-Dec, 10:47
	1-2km SE	Heard	4	Shot		Small arms	23-Dec, 13:19
About 2km SW of Pyshchevyk (government-controlled, 84km S of Donetsk)	3-5km SE	Heard	4	Explosion	Undetermined	N/K	23-Dec, 10:51-10:54
	3-5km SE	Heard	5	Burst		HMG	23-Dec, 12:28-13:35
	3-5km SE	Heard	6	Explosion	Undetermined	N/K	23-Dec, 12:28-13:35
	3-4km SE	Heard	7	Burst		HMG	23-Dec, 13:36
Lebedynske (government-controlled, 99km S of Donetsk)	2-3km ENE	Heard	2	Explosion	Undetermined	N/K	23-Dec, 12:24-12:28
	2-3km ENE	Heard	33	Shot		Small arms	23-Dec, 12:24-12:28
	2-3km ENE	Heard	21	Burst		Small arms	23-Dec, 12:24-12:28
	3-5km E	Heard	4	Explosion	Undetermined	N/K	23-Dec, 12:33-12:36
	2-3km ENE	Heard	16	Shot		Small arms	23-Dec, 12:43-12:46
	2-3km ENE	Heard	6	Shot		HMG	23-Dec, 12:43-12:46
	3-5km ENE	Heard	1	Explosion	Undetermined	N/K	23-Dec, 12:46
NNW part of Pavlopil	4-5km NE	Heard	2	Explosion	Undetermined	N/K	23-Dec, 13:17

(government-controlled, 84km S of Donetsk)								
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-5km SE	Heard	5	Burst		HMG	22-Dec, 19:30-19:45	
	2-5km SE	Heard	26	Shot		Small arms	22-Dec, 19:30-19:45	
	2-5km SE	Heard	3	Burst		HMG	22-Dec, 19:46-20:00	
	2-5km SE	Heard	7	Shot		Small arms	22-Dec, 19:46-20:00	
	2-5km SE	Heard	8	Burst		HMG	22-Dec, 20:20-20:29	
	2-5km SE	Heard	9	Shot		Small arms	22-Dec, 20:20-20:29	
	2-5km SE	Heard	7	Burst		HMG	22-Dec, 20:45-20:50	
	3-5km S	Heard	6	Burst		HMG	22-Dec, 21:35	
	3-5km S	Heard	1	Explosion	Undetermined	N/K	22-Dec, 21:42	
	2-5km SE	Heard	13	Burst		HMG	22-Dec, 22:20-22:30	
	2-5km SE	Heard	34	Shot		Small arms	22-Dec, 22:20-22:30	
	3-5km S	Heard	2	Explosion	Undetermined	N/K	22-Dec, 22:20-22:30	
	2-5km SE	Heard	3	Burst		HMG	22-Dec, 22:41	
	3-5km S	Heard	1	Explosion	Undetermined	N/K	22-Dec, 22:46	
	2-5km SE	Heard	11	Shot		Small arms	22-Dec, 23:49	
	3-5km SE	Heard	1	Explosion	Undetermined	N/K	23-Dec, 09:50	
	3-5km SE	Heard	1	Explosion	Undetermined	N/K	23-Dec, 10:03	
	3-5km SE	Heard	1	Explosion	Undetermined	N/K	23-Dec, 10:09	
	3-5km SE	Heard	6	Burst		HMG	23-Dec, 12:13	
	3-4km S	Heard	1	Explosion	Undetermined	N/K	23-Dec, 15:33	
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	23-Dec, 16:13	
	3-4km SW	Heard	25	Burst		HMG	23-Dec, 16:05-16:10	
	2-3km SE	Heard	2	Explosion	Undetermined	N/K	23-Dec, 17:29	
	2-3km SE	Heard	8	Burst		HMG	23-Dec, 18:01	
	Horlivka (non-government-controlled, 39km NE of Donetsk)	4-5km SW	Heard	40	Burst		HMG	22-Dec, 20:28-20:30
		4-5km SW	Heard	20	Burst		HMG	22-Dec, 20:38-20:39
4-5km SW		Heard	20	Burst		HMG	22-Dec, 21:00-21:03	
4-5km SW		Heard	4	Explosion	Undetermined	N/K	22-Dec, 21:33	
4-5km SW		Heard	3	Explosion	Undetermined	N/K	22-Dec, 21:42	
4-5km SW		Heard	6	Explosion	Undetermined	N/K	22-Dec, 21:50	
4-5km SW		Heard	6	Burst		HMG	22-Dec, 22:28	
4-5km SW		Heard	12	Burst		HMG	22-Dec, 22:56-22:58	
4-5km SW		Heard	40	Burst		HMG	22-Dec, 23:00-23:03	
4-5km SW		Heard	6	Explosion	Undetermined	N/K	22-Dec, 23:33-23:34	
NNW edge of Horlivka (non-government-controlled, 39km NE of Donetsk)	3km W	Heard	4	Burst		HMG	23-Dec, 10:23-10:26	
	3km W	Heard	5	Burst		HMG	23-Dec, 10:29-10:31	
	3km W	Heard	4	Burst		HMG	23-Dec, 10:38-10:40	

NW edge of Horlivka (non-government controlled, 39km NE of Donetsk)	3-4km SW	Heard	4	Explosion	Undetermined	N/K	23-Dec, 12:41-12:43
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	3-5km NE	Heard	1	Explosion	Undetermined	N/K	23-Dec, 10:08
	3-5km NE	Heard	1	Explosion	Undetermined	N/K	23-Dec, 10:50
Luhanske (government-controlled, 59km NE of Donetsk)	3-5km W	Heard	2	Burst		Small arms	23-Dec, 09:55-09:56
	3-5km W	Heard	2	Explosion	Undetermined	N/K	23-Dec, 09:55-09:56
	2-3km SSW	Heard	1	Explosion	Undetermined	N/K	23-Dec, 10:05
	3-4km SSE	Heard	1	Explosion	Undetermined	N/K	23-Dec, 10:06
	2-3km SSW	Heard	1	Explosion	Undetermined	N/K	23-Dec, 10:11
	2-3km SSE	Heard	1	Explosion	Undetermined	N/K	23-Dec, 10:12
	3-4km SSE	Heard	1	Explosion	Undetermined	N/K	23-Dec, 10:17
	3-4km E	Heard	1	Explosion	Undetermined	N/K	23-Dec, 10:17
	2-3km SSE	Heard	2	Explosion	Undetermined	N/K	23-Dec, 10:28
Krasnohorivka (government-controlled, 24km N of Donetsk)	4-6km S	Heard	1	Explosion	Undetermined	N/K	23-Dec, 11:34
Myronivskiyi (government-controlled, 62km NE of Donetsk)	2-3km SE	Heard	9	Burst		HMG	23-Dec, 12:14
	2-3km SE	Heard	1	Explosion	Undetermined	N/K	23-Dec, 12:16
	2-3km SE	Heard	7	Burst		HMG	23-Dec, 12:16
	2-3km SE	Heard	1	Burst		HMG	23-Dec, 12:22
	2-3km SE	Heard	5	Burst		Small arms	23-Dec, 13:20
E edge of Popasna (government-controlled, 69km W of Luhansk)	2-3km ESE	Heard	1	Shot		Small arms	23-Dec, 09:11
Zhovte (non-government-controlled, 17km NW of Luhansk)	10-15km S	Heard	10	Explosion	Undetermined	N/K	23-Dec, 09:23-10:13
	10km SW	Heard	11	Explosion	Undetermined	N/K	23-Dec, 10:24-10:34
	10km SW	Heard	9	Explosion	Undetermined	N/K	23-Dec, 10:57-11:14
N edge of the disengagement area near Zolote (government-controlled, 60km W of Luhansk)	8-10km SSW	Heard	6	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	23-Dec, 09:40-09:45
Kalynove (non-government-controlled, 60km W of Luhansk)	5-10km WSW	Heard	4	Explosion	Undetermined	N/K	23-Dec, 10:27-10:40
NW edge of Troitske (government-controlled, 69km W of Luhansk)	6-8km NNE	Heard	1	Explosion	Undetermined	N/K	23-Dec, 10:28
SE edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	2-4km NE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	23-Dec, 12:57

### 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).