

# Daily Report 291/2021

11 December 2021<sup>1</sup>

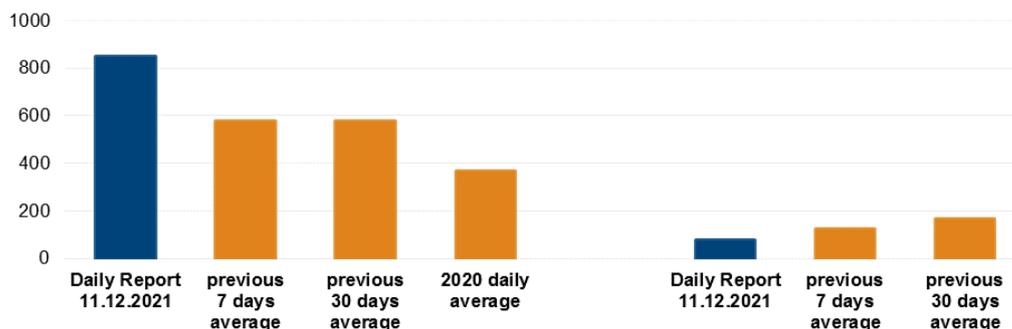
## Summary

- In Donetsk region, the SMM recorded 842 ceasefire violations, including 78 explosions. In the previous reporting period, it recorded 1,463 ceasefire violations in the region.
- In Luhansk region, the Mission recorded eight ceasefire violations, including one explosion. In the previous reporting period, it recorded 161 ceasefire violations in the region.
- The SMM continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske.
- The Mission facilitated and monitored the operation of critical civilian infrastructure.
- The SMM visited three border crossing points and monitored areas near the border outside government control in Donetsk and Luhansk regions.
- The Mission continued following up on the situation of civilians, including at four entry-exit checkpoints and the corresponding checkpoints of the armed formations in Donetsk and Luhansk regions.
- The SMM's freedom of movement continued to be restricted, including at three checkpoints of the armed formations in Donetsk region, at a border crossing point outside government-control near Dovzhanske and at the Chervona Mohyla railway station in Voznesenivka (formerly Chervonopartyzansk), Luhansk region. Its unmanned aerial vehicles encountered instances of GPS signal interference assessed as caused by probable jamming.\*

## 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, 10 December 2021. 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 in Petrivske was not operational and weather conditions precluded observational capabilities of some other SMM cameras.

<sup>3</sup> Including explosions.

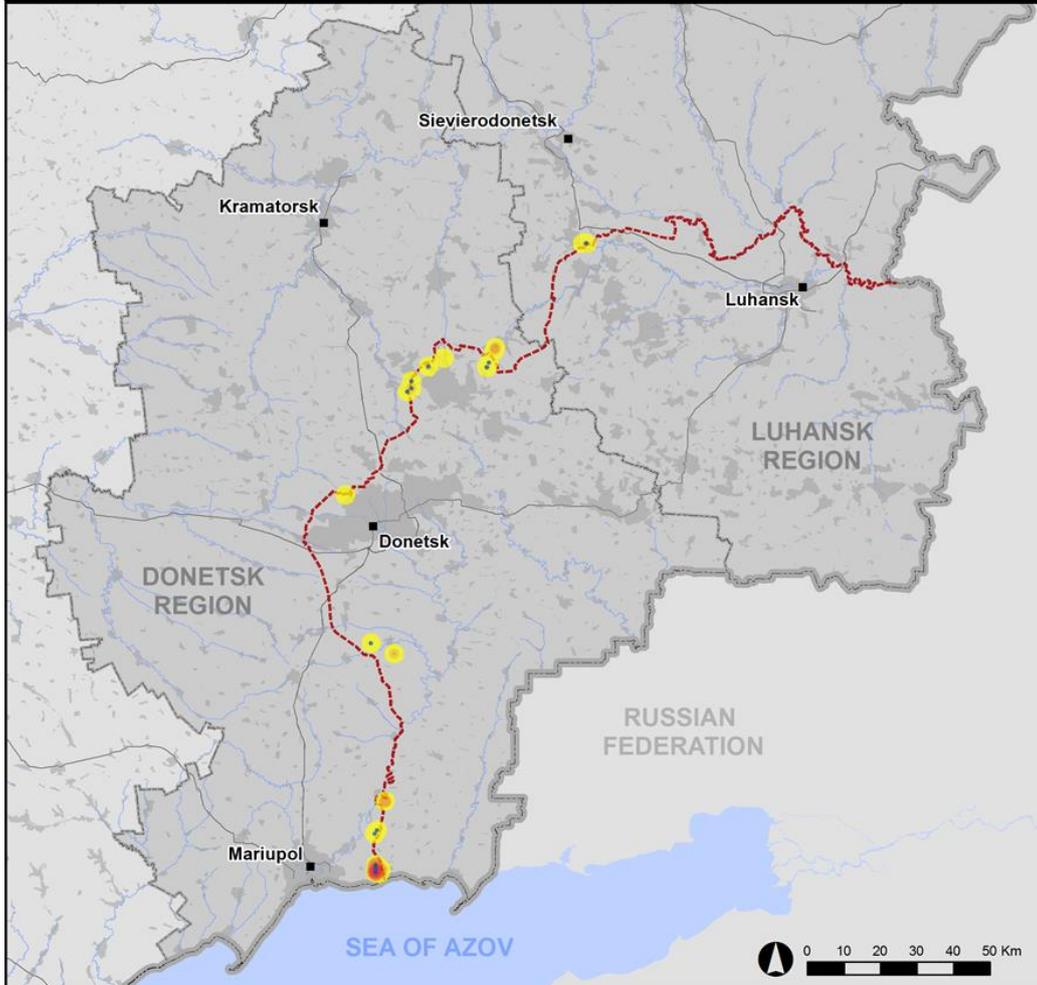
<sup>4</sup> Including from unidentified weapons.

### Map of recorded ceasefire violations



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

## Ceasefire violations observed by the SMM 10 December 2021



#### 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: 10/12/2021

In Donetsk region, the SMM recorded 842 ceasefire violations, including 78 explosions (five impacts and 73 undetermined). The majority of ceasefire violations occurred in areas north and north-north-east of Shyrokyne (government-controlled, 100km south of Donetsk), south-south-west of Svitlodarsk (government-controlled, 57km north-east of Donetsk) and south-east of Chermalyk (government-controlled, 77km south of Donetsk). In the [previous reporting period](#), the Mission recorded 1,463 ceasefire violations in the region, some of which also occurred in areas near Shyrokyne and near Svitlodarsk.

In Luhansk region, the SMM recorded eight ceasefire violations, including one undetermined explosion. All ceasefire violations occurred in areas north and north-east of the disengagement area near Zolote (government-controlled, 60km west of Luhansk). (See below.) In the [previous reporting period](#), the Mission recorded 161 ceasefire violations in the region, some of which also occurred close to the disengagement area near Zolote.

Following agreement reached at the meeting of the Trilateral Contact Group on 22 July 2020 regarding Measures to strengthen the ceasefire, from 00:01 on 27 July 2020 until the end of the reporting period, the SMM has recorded at least 93,313 ceasefire violations in both Donetsk and Luhansk regions (including 25,187 explosions, 22,741 projectiles in flight, 409 muzzle flashes, 400 illumination flares and at least 44,576 bursts and shots).

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

Inside the **disengagement area near Stanytsia Luhanska**, the Mission saw two members of the armed formations (wearing armbands with “JCCC” written on them) south of the repaired span of the Stanytsia Luhanska bridge.

During the reporting period, the SMM camera in Zolote recorded one undetermined explosion and seven projectiles in flight, assessed as outside the **disengagement area near Zolote** but within 5km of its periphery.

During the day on 10 December, near the checkpoint of the armed formations south of the disengagement area, the SMM saw five members of the armed formations (wearing armbands with “JCCC” written on them). The Mission again saw the seven previously observed containers located south of the area’s southern edge and inside the disengagement area. It saw that the previously reported road barriers across road T-1316, on the area’s southern edge, continued to be closed.

During the day, while positioned about 2km north of Petrivske (non-government-controlled, 41km south of Donetsk), the SMM heard 14 shots of small-arms fire, assessed as outside the **disengagement area near Petrivske** but within 5km of its periphery.

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

*At three heavy weapons holding areas in government-controlled areas of Donetsk region*  
10 December

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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 SMM observed 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.

The SMM noted that nine multiple launch rocket systems (BM-21 *Grad*, 122mm), nine self-propelled howitzers (2S19 *Msta-S*, 152mm), five anti-tank guns (MT-12 *Rapira*, 100mm) and three anti-tank guided missile systems (9P149 *Shturm-S*, 130mm) were present, and that two anti-tank guided missile systems (9P149 *Shturm-S*, 130mm), four anti-tank guns (MT-12 *Rapira*, 100mm) and 11 self-propelled howitzer (2S19 *Msta-S*, 152mm) were missing, compared to the last visit to these areas on 21 July 2021.

### **Weapons storage sites**

*At a permanent storage site in a non-government-controlled area of Luhansk region*  
10 December

The SMM noted that all weapons previously observed at the site were present; the last visit to this site was on 1 September 2021.

### **Withdrawal of weapons**

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

Beyond withdrawal lines but outside designated storage sites, the Mission observed five tanks in two training areas in non-government-controlled areas of Donetsk and Luhansk regions. (For further information, see the table below.)

### **Indications of military and military-type presence in the security zone**

On 9 December, on the north-eastern edge of Hranitne (government-controlled, 60km south of Donetsk), an SMM mini-unmanned aerial vehicle (UAV) [again](#) spotted previously observed concrete slabs placed on the riverbed across the Kalmius river.

The Mission also observed one armoured combat vehicle in a residential area in a non-government-controlled area of Luhansk region. (For further information, see the table below.)

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

The SMM continued to facilitate the operation of the Donetsk Filtration Station (15km north of Donetsk).

The SMM also monitored the security situation in the vicinity of the pumping station near Vasylivka (non-government-controlled, 20km north of Donetsk).

### **Situation at entry-exit checkpoints and corresponding checkpoints**

In Donetsk region, the SMM observed that the entry-exit checkpoint (EECP) near Novotroitske (government-controlled, 36km south-west of Donetsk) and the corresponding checkpoint of the armed formations near Olenivka (non-government-controlled, 23km south-west of Donetsk) were open, with civilian traffic passing through in both directions.

In Luhansk region, the SMM observed that the EECP near Stanytsia Luhanska and the corresponding checkpoint of the armed formations south of the repaired span of the Stanytsia Luhanska bridge were open, with people queueing to travel in both directions.

While at the EECP near Stanytsia Luhanska, the Mission observed four workers replacing at least 12 Ukrainian flags with new ones along the western side of the road north of the repaired span of the bridge up to the EECP.

The SMM noted that the EECPs near Zolote and Shchastia (government-controlled, 20km north of Luhansk) were open, but that the corresponding checkpoints of the armed formations south of the disengagement area near Zolote and 3km south-east of the bridge in Shchastia were closed for civilian traffic.

### **Areas near the border outside government control<sup>7</sup>**

While at a crossing point near Marynivka (78km east of Donetsk) for about 20 minutes, the Mission saw seven cars (including one with “DPR” plates), six covered cargo trucks and four people (one woman and three men, mixed ages) entering Ukraine. During the same time, the SMM saw four cars (including three with “DPR” plates), three covered cargo trucks (including two with “DPR” plates), two buses (with “DPR” plates, carrying passengers of mixed genders and ages) and one woman (age unknown) exiting Ukraine.

While at a crossing point near Novoazovsk (102km south-east of Donetsk) for about an hour, the Mission saw 14 cars (including nine with “DPR” plates), seven covered cargo trucks (including five with “DPR” and one with “LPR” plates), two buses (including one with “DPR” plates) and one man (in his forties) entering Ukraine. During the same time, the SMM saw 21 cars (including eight with “DPR” plates), three buses (including two with “DPR” plates, carrying passengers of mixed genders and ages) and three people (two women and one man, mixed ages) exiting Ukraine.

While at a border crossing point near Dovzhanske (84km south-east of Luhansk), the Mission saw four covered cargo trucks (with “LPR” plates) entering Ukraine. After about eight minutes, a member of the armed formations told the SMM to leave the area.\*

While at the Chervona Mohyla railway station in Voznesenivka (formerly Chervonopartyzansk, non-government-controlled, 65km south-east of Luhansk), the Mission observed one stationary covered cargo railway car. Upon its arrival at the location, two members of the armed formations denied the SMM access to the station.\*

The SMM also monitored areas close to the border with the Russian Federation near Dmytrivka (85km east of Donetsk) and observed no change in the security situation.

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

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<sup>7</sup> According to decisions in 2014 by the Cabinet of Ministers of Ukraine, operations are officially designated as suspended at these and other border crossing points located outside government control.

## **\*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 Minsk agreements 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 (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 below). The SMM's operations in Donetsk and Luhansk regions remain restricted following [the fatal incident of 23 April 2017 near Pryshyb](#); these restrictions continued to limit the Mission's observations.*

### Denials:

- At a checkpoint near Lozove (non-government-controlled, 52km north-east of Donetsk), a visibly armed member of the armed formations denied the Mission passage north toward Molochnyi (non-government-controlled) citing a “lack of permission from his superiors”.
- In Donetsk city's Trudivskyi district (non-government-controlled, 15km south-west of Donetsk city centre), three members of the armed formations, one of whom visibly armed, denied the Mission passage west citing “ongoing demining activities” in the area. The SMM had intended to follow up on a civilian casualty.
- At a checkpoint near Novoazovsk (non-government-controlled, 102km south-east of Donetsk), four members of the armed formations, two of whom visibly armed, denied the Mission passage south toward the settlement citing “ongoing training activities” in the area. While at the checkpoint, the SMM observed civilian traffic passing through.
- At a checkpoint near Olenivka (non-government-controlled, 23km south-west of Donetsk), a member of the armed formations denied one of the Mission's contractors passage towards the camera site near Petrivske (non-government-controlled, 41km south of Donetsk) to perform scheduled maintenance citing “lack of permission from those in control”.
- At a border crossing point near Dovzhanske (84km south-east of Luhansk), a member of the armed formations told the SMM to leave the area citing “orders from his superiors”. (See above.)
- At the Chervona Mohyla railway station in Voznesenivka (formerly Chervonopartyzansk, non-government-controlled, 65km south-east of Luhansk), a member of the armed formations denied the Mission access to the station. (See above.)

### *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:<sup>8</sup>

- SMM mini-UAVs experienced GPS signal interference, assessed as caused by probable jamming, during seven flights: on five occasions while flying over areas near Petrivske (non-government-controlled, 41km south of Donetsk), and once each near Maiorsk (government-controlled, 45km north-east of Donetsk) and near Shchastia (government-controlled, 20km north of Luhansk).

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<sup>8</sup> For cases of probable jamming and jamming mentioned in this section, the interference could have originated from anywhere within the radius of tens of kilometres from the UAVs' positions.

## Table of weapons

### Weapons beyond withdrawal lines but outside designated storage sites

Date	No. of weapons	Type of weapon	Location	Source of observation
<b>Non-government-controlled areas</b>				
10/12/2021	1	Tank (type undetermined)	In a training area near Oleksandrivske (formerly Rozy Liukseburh, 90km south-east of Donetsk)	Patrol
	4	Tank (T-64)	In a training area near Myrne (28km south-west of Luhansk)	

### **Table of military and military-type presence in the security zone<sup>9</sup>**

Date	No.	Type of weapon	Location	Source of observation
<b>Non-government-controlled areas</b>				
10/12/2021	1	Armoured personnel carrier (BTR variant) with radio equipment mounted on it	In a residential area of Katerynivka (formerly Yuvileine, 8km west of Luhansk)	Patrol

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<sup>9</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 10 December 2021<sup>10</sup>**

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-4km SE	Recorded	5	Projectile	SW to NE	N/K	9-Dec, 21:35
	2-4km SE	Recorded	1	Projectile	W to E	N/K	9-Dec, 21:35
	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	9-Dec, 21:36
	2-4km SE	Recorded	3	Projectile	W to E	N/K	9-Dec, 21:36
	2-4km SE	Recorded	8	Projectile	SW to NE	N/K	9-Dec, 22:26
	2-4km SE	Recorded	1	Projectile	W to E	N/K	9-Dec, 22:26
	2-4km SE	Recorded	8	Projectile	W to E	N/K	9-Dec, 23:03
	2-4km SE	Recorded	3	Projectile	SW to NE	N/K	9-Dec, 23:03
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	9-Dec, 22:10
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	9-Dec, 22:49
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	3-5km E	Recorded	2	Projectile	N to S	N/K	9-Dec, 21:40
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	2-4km W	Recorded	1	Projectile	NNW to SSE	N/K	10-Dec, 18:06
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	4-6km N	Recorded	1	Explosion	Undetermined	N/K	9-Dec, 19:10
	4-6km N	Recorded	1	Muzzle flash		N/K	9-Dec, 19:11
	4-6km N	Recorded	1	Projectile	W to E (subsequent to previous event)	N/K	9-Dec, 19:11
	4-6km N	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	9-Dec, 19:11
	4-6km N	Recorded	1	Muzzle flash		N/K	9-Dec, 19:14
	4-6km N	Recorded	1	Projectile	W to E (subsequent to previous event)	N/K	9-Dec, 19:14
	4-6km N	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	9-Dec, 19:14
	4-6km N	Recorded	1	Projectile	In vertical flight	N/K	9-Dec, 19:31
	4-6km N	Recorded	18	Projectile	W to E	N/K	9-Dec, 19:32
	4-6km N	Recorded	17	Projectile	W to E	N/K	9-Dec, 19:33
	4-6km N	Recorded	11	Projectile	W to E	N/K	9-Dec, 19:37
	4-6km N	Recorded	12	Projectile	W to E	N/K	9-Dec, 19:40
	4-6km N	Recorded	10	Projectile	W to E	N/K	9-Dec, 19:41
	4-6km N	Recorded	7	Projectile	W to E	N/K	9-Dec, 19:42
	2-5km N	Recorded	1	Explosion	Undetermined	N/K	9-Dec, 20:22
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	9-Dec, 20:34
	2-4km N	Recorded	2	Explosion	Undetermined	N/K	9-Dec, 21:16
	2-4km N	Recorded	2	Explosion	Undetermined	N/K	9-Dec, 21:21
	2-4km N	Recorded	1	Muzzle flash		N/K	9-Dec, 21:23
	2-4km N	Recorded	1	Projectile	ESE to WNW (subsequent to previous event)	N/K	9-Dec, 21:23
	2-4km N	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	9-Dec, 21:23
	2-4km N	Recorded	1	Projectile	ESE to WNW	N/K	9-Dec, 21:27
	2-4km N	Recorded	2	Explosion	Undetermined	N/K	9-Dec, 21:27

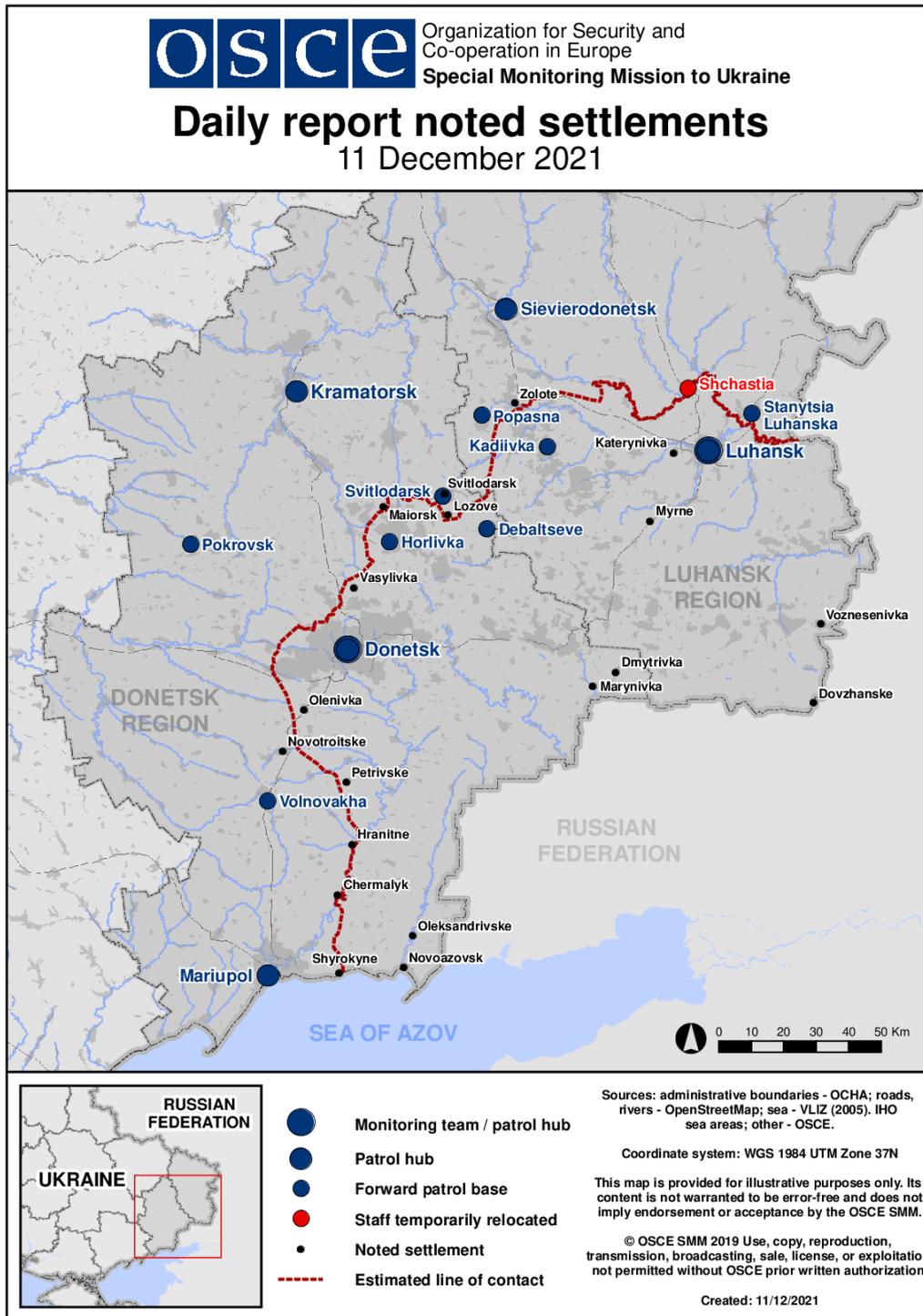
<sup>10</sup> The table only includes ceasefire violations directly observed by SMM patrols or recorded by the SMM cameras, and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors on the ground and technical monitoring officers, 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 technical limitations and/or other considerations. Ceasefire violations recorded by more than one patrol/camera and assessed to be the same are entered only once.

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	2-4km N	Recorded	4	Projectile	ESE to WNW	N/K	9-Dec, 21:38
	2-4km N	Recorded	42	Projectile	W to E	N/K	9-Dec, 21:46
	2-4km N	Recorded	12	Projectile	W to E	N/K	9-Dec, 21:47
	2-4km N	Recorded	1	Projectile	ESE to WNW	N/K	9-Dec, 21:52
	2-4km N	Recorded	4	Projectile	W to E	N/K	9-Dec, 21:52
	2-4km N	Recorded	4	Projectile	W to E	N/K	9-Dec, 21:54
	2-4km N	Recorded	38	Projectile	W to E	N/K	9-Dec, 21:55
	2-4km N	Recorded	34	Projectile	W to E	N/K	9-Dec, 21:56
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	9-Dec, 21:57
	2-4km N	Recorded	1	Muzzle flash		N/K	9-Dec, 22:02
	2-4km N	Recorded	1	Projectile	SE to NW (subsequent to previous event)	N/K	9-Dec, 22:02
	2-4km N	Recorded	2	Explosion	Undetermined	N/K	9-Dec, 22:03
	2-4km N	Recorded	17	Projectile	W to E	N/K	9-Dec, 22:03
	2-4km N	Recorded	14	Projectile	W to E	N/K	9-Dec, 22:06
	2-4km N	Recorded	52	Projectile	W to E	N/K	9-Dec, 22:07
	2-4km N	Recorded	13	Projectile	W to E	N/K	9-Dec, 22:08
	2-4km N	Recorded	5	Projectile	W to E	N/K	9-Dec, 22:09
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	9-Dec, 22:10
	2-4km N	Recorded	11	Projectile	W to E	N/K	9-Dec, 22:10
	2-4km N	Recorded	1	Muzzle flash		N/K	9-Dec, 22:30
	2-4km N	Recorded	1	Projectile	SSW to NNE (subsequent to previous event)	N/K	9-Dec, 22:30
	2-4km N	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	9-Dec, 22:30
	2-4km N	Recorded	1	Illumination flare	In vertical flight	N/K	9-Dec, 22:44
	2-4km N	Recorded	2	Explosion	Undetermined	N/K	9-Dec, 22:49
	2-4km N	Recorded	6	Projectile	SSE to NNW	N/K	9-Dec, 22:49
	2-4km N	Recorded	17	Projectile	W to E	N/K	9-Dec, 22:50
	2-4km N	Recorded	9	Projectile	E to W	N/K	9-Dec, 22:52
	2-4km N	Recorded	5	Projectile	W to E	N/K	9-Dec, 22:53
	2-4km N	Recorded	1	Projectile	W to E	N/K	9-Dec, 22:54
	2-4km N	Recorded	1	Projectile	E to W	N/K	9-Dec, 22:54
	2-4km N	Recorded	21	Projectile	W to E	N/K	9-Dec, 22:55
	2-4km N	Recorded	7	Projectile	W to E	N/K	9-Dec, 22:56
	2-4km N	Recorded	43	Projectile	W to E	N/K	9-Dec, 22:57
	2-4km N	Recorded	4	Projectile	W to E	N/K	9-Dec, 23:00
	2-4km N	Recorded	13	Projectile	W to E	N/K	9-Dec, 23:01
	2-4km N	Recorded	9	Projectile	W to E	N/K	9-Dec, 23:02
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	9-Dec, 23:02
	2-4km N	Recorded	15	Projectile	W to E	N/K	9-Dec, 23:04
	2-4km N	Recorded	19	Projectile	W to E	N/K	9-Dec, 23:05
	2-4km N	Recorded	16	Projectile	W to E	N/K	9-Dec, 23:06
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	9-Dec, 23:06
	2-4km N	Recorded	9	Projectile	W to E	N/K	9-Dec, 23:07
	2-4km N	Recorded	10	Projectile	W to E	N/K	9-Dec, 23:08
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	9-Dec, 23:08
	2-4km N	Recorded	10	Projectile	W to E	N/K	9-Dec, 23:09
	2-4km N	Recorded	8	Projectile	W to E	N/K	9-Dec, 23:10
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	9-Dec, 23:47
	2-4km N	Recorded	1	Illumination flare	In vertical flight	N/K	9-Dec, 23:53
	2-4km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	9-Dec, 23:59
	3-5km NNE	Recorded	1	Projectile	E to W	N/K	10-Dec, 03:52
	3-5km N	Recorded	1	Projectile	W to E	N/K	10-Dec, 03:55

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	10-Dec, 03:59
	3-5km NNE	Recorded	4	Projectile	E to W	N/K	10-Dec, 04:02
	3-5km NNE	Recorded	1	Projectile	E to W	N/K	10-Dec, 04:03
	3-5km NNE	Recorded	2	Projectile	E to W	N/K	10-Dec, 04:04
	3-5km NNE	Recorded	1	Projectile	E to W	N/K	10-Dec, 04:05
	3-5km N	Recorded	10	Projectile	W to E	N/K	10-Dec, 04:38
	3-5km N	Recorded	5	Projectile	W to E	N/K	10-Dec, 04:39
	3-5km N	Recorded	7	Projectile	W to E	N/K	10-Dec, 04:40
	3-5km N	Recorded	5	Projectile	W to E	N/K	10-Dec, 04:41
	3-5km N	Recorded	10	Projectile	W to E	N/K	10-Dec, 04:43
	3-5km N	Recorded	11	Projectile	W to E	N/K	10-Dec, 04:44
	3-5km N	Recorded	8	Projectile	W to E	N/K	10-Dec, 04:45
	3-5km N	Recorded	1	Projectile	W to E	N/K	10-Dec, 04:45
	3-5km N	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	10-Dec, 04:45
	3-5km N	Recorded	4	Projectile	W to E	N/K	10-Dec, 04:46
	3-5km N	Recorded	5	Projectile	E to W	N/K	10-Dec, 04:48
	3-5km N	Recorded	1	Projectile	W to E	N/K	10-Dec, 04:49
	3-5km N	Recorded	3	Explosion	Undetermined	N/K	10-Dec, 04:49
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	10-Dec, 04:51
	3-5km N	Recorded	4	Projectile	W to E	N/K	10-Dec, 04:51
	3-5km N	Recorded	7	Projectile	W to E	N/K	10-Dec, 04:52
	3-5km N	Recorded	3	Projectile	W to E	N/K	10-Dec, 04:54
	3-5km N	Recorded	2	Explosion	Undetermined	N/K	10-Dec, 04:54
	3-5km N	Recorded	2	Projectile	W to E	N/K	10-Dec, 04:55
	3-5km N	Recorded	2	Explosion	Undetermined	N/K	10-Dec, 04:55
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	10-Dec, 04:57
	3-5km N	Recorded	26	Projectile	W to E	N/K	10-Dec, 04:59
	3-5km N	Recorded	4	Explosion	Undetermined	N/K	10-Dec, 05:05
	3-5km N	Recorded	2	Projectile	W to E	N/K	10-Dec, 05:05
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	10-Dec, 05:18
	3-5km NNE	Recorded	1	Projectile	In vertical flight	N/K	10-Dec, 06:01
	3-5km NNE	Recorded	17	Projectile	W to E	N/K	10-Dec, 06:01
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-3km SSW	Heard	3	Burst		HMG	9-Dec, 19:43
	2-3km SSW	Heard	3	Burst		HMG	9-Dec, 20:16
	2-3km SSW	Heard	3	Burst		HMG	9-Dec, 20:47
	1-2km SSW	Heard	10	Shot		Small arms	9-Dec, 20:48
	1-2km SSW	Heard	5	Shot		Small arms	9-Dec, 22:04
	5-7km SSW	Heard	1	Explosion	Undetermined	N/K	9-Dec, 22:45
About 500m ESE of Pivdenne (formerly Leninske, government-controlled, 40km NE of Donetsk)	3-5km S	Heard	2	Explosion	Undetermined	N/K	10-Dec, 10:28
	3-5km S	Heard	1	Explosion	Undetermined	N/K	10-Dec, 10:42
	5-7km S	Heard	12	Explosion	Undetermined	N/K	10-Dec, 10:57-11:03
Maiorsk (government-controlled, 45km NE of Donetsk)	2-3km S	Heard	9	Explosion	Undetermined	N/K	10-Dec, 11:48-11:52
About 600m SE of Nelipivka (government-controlled, 40km NE of Donetsk)	5-7km SE	Heard	3	Explosion	Undetermined	N/K	10-Dec, 12:32
About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	2-3km NE	Heard	14	Shot	Assessed as outside the disengagement area	Small arms	10-Dec, 10:28
	5-8km NW	Heard	1	Explosion	Undetermined	N/K	10-Dec, 12:02
Svitlodarsk (government-controlled, 57km NE of Donetsk)	7-8km SSW	Heard	7	Explosion	Undetermined	N/K	10-Dec, 15:44
	7-8km SSW	Heard	1	Explosion	Undetermined	N/K	10-Dec, 15:46
	2-4km E	Recorded	1	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	9-Dec, 19:21

<b>SMM position</b>	<b>Event location</b>	<b>Means</b>	<b>No.</b>	<b>Observation</b>	<b>Description</b>	<b>Weapon</b>	<b>Date, time</b>
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	3-5km E	Recorded	2	Projectile	N to S (assessed as outside the disengagement area)	N/K	9-Dec, 20:18
	3-5km E	Recorded	2	Projectile	N to S (assessed as outside the disengagement area)	N/K	9-Dec, 23:21
	3-5km E	Recorded	1	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	10-Dec, 03:13
	3-5km E	Recorded	1	Muzzle flash	Assessed as outside the disengagement area	N/K	10-Dec, 03:22
	3-5km E	Recorded	1	Projectile	S to N (subsequent to previous event, assessed as outside the disengagement area)	N/K	10-Dec, 03:22
	3-5km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	10-Dec, 03:26

### Map of Donetsk and Luhansk regions<sup>11</sup>



<sup>11</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 have 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 also patrols in this settlement during daylight hours).