

# Daily Report 104/2021

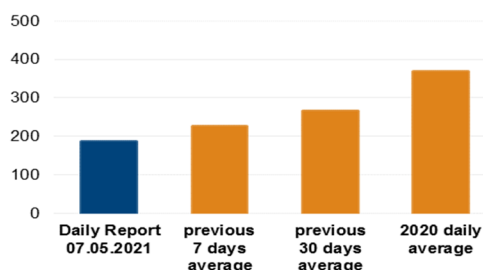
7 May 2021<sup>1</sup>

## Summary

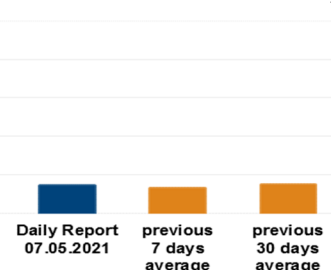
- In Donetsk region, the SMM recorded 160 ceasefire violations, including 55 explosions. In the previous reporting period, it recorded 618 ceasefire violations in the region.
- In Luhansk region, the Mission recorded 27 ceasefire violations, including 17 explosions. In the previous reporting period, it recorded 18 ceasefire violations in the region.
- The Mission saw damage to residential houses in non-government-controlled Mineralne and Donetsk city's Kyivskiyi district, Donetsk region.
- The SMM conducted a forced emergency landing of a long-range unmanned aerial vehicle (UAV) near its base in government-controlled Stepanivka, due to dual GPS signal interference.\*
- Small-arms fire was assessed as directed at an SMM mini-UAV near government-controlled Lebedynske, Donetsk region.
- The SMM continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske. It spotted people inside the disengagement area near Zolote.
- The Mission facilitated and monitored adherence to localized ceasefires to enable maintenance and operation of critical civilian infrastructure.
- The SMM continued following up on the situation of civilians, including at three entry-exit checkpoints and the corresponding checkpoints of the armed formations in Luhansk region.
- The Mission's freedom of movement continued to be restricted, including at checkpoints of the armed formations near Zaichenko, in Khreshchatytske and Naberezhne, all in southern Donetsk region. SMM UAVs again experienced multiple instances of GPS signal interference.\*

## 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, 6 May 2021. All times are in Eastern European Summer 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.

<sup>3</sup> Including explosions.

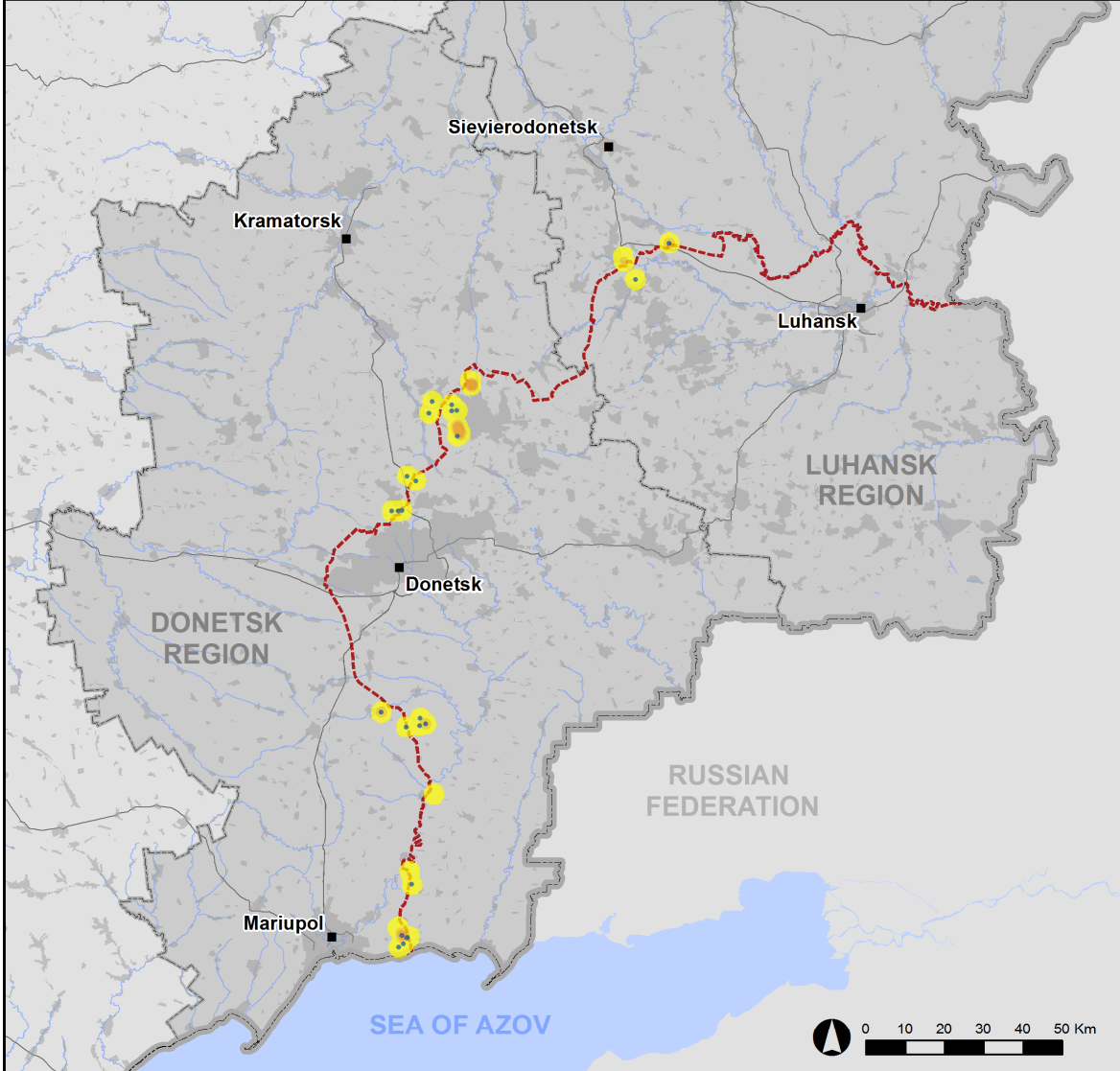
<sup>4</sup> Including from unidentified weapons.

### Map of recorded ceasefire violations

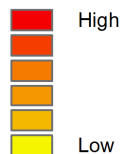


Organization for Security and  
Co-operation in Europe  
Special Monitoring Mission to Ukraine

## Ceasefire violations observed by the SMM 6 May 2021



#### 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: 07/05/2021

In Donetsk region, the SMM recorded 160 ceasefire violations, including 55 explosions (34 undetermined, 15 outgoing artillery rounds, five impacts and one airburst). The majority of ceasefire violations occurred at westerly directions of Horlivka (non-government-controlled, 39km north-east of Donetsk), at south-easterly and north-westerly directions of the disengagement area near Petrivske (non-government-controlled, 41km south of Donetsk) (see below) and at easterly directions of Maiorsk (government-controlled, 45km north-east of Donetsk). In the [previous reporting period](#), the Mission recorded 618 ceasefire violations.

In Luhansk region, the Mission recorded 27 ceasefire violations, including 17 undetermined explosions. The majority of ceasefire violations occurred in areas north of Dachne (non-government-controlled, 47km west of Luhansk) and at easterly directions of the disengagement area near Zolote (government-controlled, 60km west of Luhansk) (see below). In the [previous reporting period](#), the Mission recorded 18 ceasefire violations.

Following agreement reached at the meeting of the Trilateral Contact Group on 22 July 2020 regarding additional measures to strengthen the ceasefire, from 00:01 on 27 July 2020 until the end of the reporting period, the SMM has so far recorded at least 24,814 ceasefire violations in both Donetsk and Luhansk regions (including 8,092 explosions, 3,215 projectiles in flight, 205 muzzle flashes, 83 illumination flares and at least 13,219 bursts and shots).

#### **Damage to residential houses in Mineralne and in Donetsk city's Kyivskyi district, Donetsk region**

On 4 May, the SMM followed up on reports of damage to residential houses in Mineralne (non-government-controlled, 10km north-east of Donetsk) and in Donetsk city's Kyivskyi district (non-government-controlled, 5km north of Donetsk city centre).

At 1 Myru Street in the north-eastern part of Mineralne, the SMM saw a crater (about 20cm in diameter) in the north-western corner of a garden, about 25m west of a residential single-storey house. About 15m east of the crater, the Mission saw a hole (about 30cm in diameter) in the asbestos roof of a chicken coop. About 10m east of the crater, it also saw damage to the west-facing brick wall of a shed as well as displaced corrugated asbestos panels above the damaged section of the wall. The SMM assessed the damage as fresh and to have been caused by a round of an undetermined weapon fired from a westerly direction.

At 1 Myru Street, a woman (in her sixties), who introduced herself as the owner of the house, told the SMM that on the early morning of 23 April, she had been at home when she heard ten explosions nearby. The Mission saw that the nearest positions of the armed formations were located less than 1km from this house.

On the same day, about 5m west of a residential house at 51 Svobody Street, on the north-western edge of Donetsk city's Kyivskyi district, the Mission saw a crater (about 35cm in diameter) in the surface of an unpaved road and, about 1m east of the crater, a metal fence with at least 50 holes, assessed as caused by shrapnel. The SMM assessed the damage as fresh and to have been caused by a round of an undetermined weapon fired from a westerly direction.

About 15m south-east of the abovementioned crater, at 43 Svobody Street, the Mission saw about 25 holes in the lower wooden siding of the north-facing part of the roof of a single-storey house, and about 12 holes in the north-facing concrete wall and in the outer plastic frames of three windows in the same wall, all assessed as caused by shrapnel. The SMM also saw a hole

in the northern side of a metal box attached to an electric pole located about 3m north of the same house. The SMM Mission assessed the damage as fresh and to have been caused by a round of an undetermined weapon fired from a westerly direction.

A woman (in her forties), who introduced herself as the owner of the house at 43 Svobody Street, told the Mission that on the early morning of 29 April, she had been at home when she heard an explosion nearby.

### **Emergency landing of long-range unmanned aerial vehicle due to dual GPS signal interference**

At 12:30 on 6 May, upon take-off from its base in Stepanivka (government-controlled, 54km north of Donetsk), an SMM long-range unmanned aerial vehicle (UAV) experienced dual GPS signal interference, assessed as caused by jamming, which continued to occur at intervals during the flight until 16:01, when the UAV again experienced GPS signal interference, assessed as caused by jamming, which continued uninterrupted for the remainder of the flight.

Between 18:35 and 19:05, due to the risk of a loss of spatial control, the SMM attempted three landings of the UAV at its base in the Emergency Control Mode, the first two of which failed due to the continuing dual GPS signal interference. On its third attempt, while dual GPS signal interference persisted, the aircraft completed an emergency landing in a field about 600m north of its designated landing spot. The SMM retrieved the UAV and an initial assessment did not reveal visible damage. (See also [SMM Spot Report 13/2021](#).)\*

The Mission again highlights that since 21 March 2021 the SMM's long-range UAVs have been experiencing increased levels of GPS signal interference on take-off and landing, affecting both of their GPS receivers, in areas near their base in Stepanivka (See SMM Spot Reports of [7 April 2021](#), [9 April 2021](#) and [24 April 2021](#)). The Mission notes that, in each case, the source of GPS signal interference could have originated from anywhere within the radius of tens of kilometres from the UAVs' positions.

### **Small-arms fire assessed as directed at SMM mini-UAV near Lebedynske, Donetsk region**

While positioned on the north-eastern edge of Lebedynske (government-controlled, 99km south of Donetsk) to conduct an announced mini-UAV flight, the SMM heard four bursts of small-arms fire at an assessed range of 3-4km north-east, assessed as directed at the UAV, which was flying about 3.5km north-east of the SMM's position, over positions of the Ukrainian Armed Forces. The Mission landed the UAV and left the area. During that and a previous flight over the area, the UAV also experienced GPS signal interference, assessed as caused by probable jamming.\*

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

While positioned inside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), the SMM saw three members of the armed formations

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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.

(wearing armbands with “JCCC” written on them) south of the repaired span of the Stanytsia Luhanska bridge (15km north-east of Luhansk).

During the day on 5 May, inside the **disengagement area near Zolote**, an SMM long-range UAV spotted two people inside a former position of the armed formations, about 1.5km north-north-west of the area’s south-eastern corner.

On the night of 5-6 May, the SMM camera in Zolote recorded three projectiles in flight and seven muzzle flashes at an assessed range of 2-4km east-north-east and east, all assessed as outside the disengagement area but within 5km of its periphery.

On 6 May, while positioned near the checkpoint of the armed formations south of the disengagement area, the Mission saw ten members of the armed formations (wearing armbands with “JCCC” written on them), five of whom walked inside the area to about 350m north of its southern edge and then returned.

On the same day the Mission again saw the eight previously observed containers located south of the disengagement area’s southern edge, on its edge and inside the area.

On 6 May, the SMM camera 2km east of Bohdanivka recorded an undetermined explosion at an assessed range of 2-4km south-east, unable to be assessed as inside or outside the **disengagement area near Petrivske**.

On the same day, while positioned about 2km north of Petrivske, the Mission heard 23 explosions, 15 assessed as outgoing artillery rounds, eight assessed as undetermined explosions (two of which of mortar rounds), as well as nine bursts of heavy-machine-gun fire, at an assessed range of 2-10km south-east, south-south-east and west, all assessed as outside the disengagement 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.

Beyond withdrawal lines but outside designated storage sites, the Mission saw six towed howitzers, five tanks and two self-propelled anti-aircraft systems in government-controlled areas of Donetsk and Luhansk regions, including in a residential area. It also saw 69 tanks, 13 anti-tank guns, eight self-propelled howitzers and five mortars in non-government-controlled areas of Donetsk and Luhansk regions, all in four training areas. (For further information, see the tables below.)

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

The SMM observed 19 armoured combat vehicles in government-controlled areas of Donetsk and Luhansk regions, including near residential areas. (For further information, see the table below.)

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<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 Olenivka, Syhnalne, Marinka, Luhanske and Lozove, Donetsk region and Smile, Luhansk region**

On 1 May, in a field on the north-western edge of Olenivka (non-government-controlled, 23km south-west of Donetsk), an SMM mini-UAV spotted for the first time about 26 anti-tank mines, assessed as not recently laid. About 150m south-west, in a field near the western edge of a road leading west towards Slavne (government-controlled, 26km south-west of Donetsk), the same UAV again spotted eight anti-tank mines. All these mines were assessed as belonging to the armed formations. (For previous observations in the area see [SMM Daily Report 20 April 2021](#).)

On the same day, in a field west of the railway tracks about 500m south of the south-western edge of Olenivka, an SMM mini-UAV spotted for the first time 13 anti-tank mines, assessed as not recently laid. About 50m south-south-east of the previous mines, the same UAV again spotted five anti-tank mines in a field. All these mines were assessed as belonging to the armed formations. (For previous observations in the area see [SMM Daily Report 20 April 2021](#).)

On the same day, in a field near a residential area on the western edge of Syhnalne (non-government-controlled, 23km south-west of Donetsk), an SMM mini-UAV spotted for the first time about 25 anti-tank mines, assessed as not recently laid and belonging to the armed formations.

On 2 May, in two fields about 2km and 3km south-south-east of the south-eastern edge of Marinka (government-controlled, 23km south-west of Donetsk), an SMM mid-range UAV again spotted about 130 anti-tank mines, assessed as belonging to the Ukrainian Armed Forces. (For previous observations in the area see [SMM Daily Report 20 December 2019](#).)

On 4 May, in three locations in fields about 2km and 2.5km south-west, and 2.5km west-south-west of the southern edge of Luhanske (government-controlled, 59km north-east of Donetsk), an SMM mid-range UAV spotted for the first time about 110 anti-tank mines, assessed as not recently laid and belonging to the Ukrainian Armed Forces.

On the same day, in fields on the north-western edge of Lozove (non-government-controlled, 52km north-east of Donetsk), the same UAV spotted for the first time about 170 anti-tank mines. On 5 May, in a field about 4.5km north-west of Lozove, an SMM mid-range UAV spotted for the first time 63 anti-tank mines (probable TM-62). All these mines were unable to be assessed if recently laid and assessed as belonging to the armed formations.

On 5 May, in a field about 4km north-west of Smile (non-government-controlled, 31km north-west of Luhansk), an SMM mini-UAV spotted for the first time 17 anti-tank mines, unable to be assessed if recently laid and assessed as belonging to the armed formations.

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

The Mission continued to facilitate the operation of the Donetsk Filtration Station (DFS) (15km north of Donetsk). While positioned on the south-eastern edge of Avdiivka (government-controlled, 17km north of Donetsk), the SMM recorded six undetermined explosions, assessed as within a 5km radius of the DFS.

The SMM also monitored adherence to a localized ceasefire to enable inspection and maintenance of water infrastructure near Novotoshkivske (government-controlled, 53km west of Luhansk).

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

In Luhansk region, the Mission noted that the entry-exit checkpoint (EECP) near Stanytsia Luhanska and the corresponding checkpoint of the armed formations south of Stanytsia Luhanska bridge were open, with people queueing to travel in both directions.

The SMM also 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.

The SMM 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 (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 Coordination (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 of 4 May 2021](#)). 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:

- At a checkpoint of the armed formations near Zaichenko (non-government-controlled, 93km south of Donetsk) two armed members of the armed formations denied the SMM passage westward towards Pikuzy (formerly Kominternove, non-government-controlled, 92km south of Donetsk), referring to ongoing demining activities in the area.
- At a checkpoint of the armed formations in Khreshchatytske (formerly Krasnoarmiiske, non-government-controlled, 86km south of Donetsk) two armed members of the armed formations denied the SMM passage westward towards Verkhnohyrokiivske (formerly Oktiabr, non-government-controlled, 85km south of Donetsk), referring to ongoing demining activities in the area. While at the checkpoint, the Mission saw cars passing through in both directions.
- At a checkpoint of the armed formations in Naberezhne (non-government-controlled, 77km south of Donetsk) three armed members of the armed formations denied the Mission passage, referring to the SMM's safety and the need for permission from those in control.

*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>7</sup>

- On 5 May, an SMM long-range UAV experienced dual GPS signal interference, assessed as caused by jamming, while flying over areas between Oleksandro-Shulytne (government-controlled, 54km north of Donetsk) and Krymske (government-controlled, 42km north-west of Luhansk); between Zholobok (non-government-controlled, 47km west of Luhansk) and Myrne (non-government-controlled, 28km south-west of Luhansk); and between Korinne (non-government-controlled, 65km south-west of Luhansk) and Oleksandro-Kalynove (government-controlled, 47km north of Donetsk).
- On 6 May, the SMM completed an emergency landing of a long-range UAV near its base in Stepanivka (government-controlled, 54km north of Donetsk), due to persistent dual GPS signal interference, assessed as caused by jamming. (See above and [SMM Spot Report 13/2021](#).)
- On the same day, while positioned on the north-eastern edge of Lebedynske (government-controlled, 99km south of Donetsk) to conduct an announced mini-UAV flight, the SMM heard four bursts of small-arms fire assessed as directed at the UAV. The Mission landed the UAV and left the area (see above). During that and a previous flight over the area, an SMM mini-UAV experienced GPS signal interference, assessed as caused by probable jamming.
- On the same day, an SMM mini-UAV experienced GPS signal interference, assessed as caused by probable jamming, during two separate flights over areas near Yasynuvata (non-government-controlled, 16km north-east of Donetsk).
- On the same day, an SMM mini-UAV experienced GPS signal interference, assessed as caused by probable jamming, during three separate flights over areas near Kodema (government-controlled, 57km north-east of Donetsk).
- On the same day, an SMM mini-UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas near Pyshevyk (government-controlled, 84km south of Donetsk).

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<sup>7</sup> For cases of probable jamming and jamming mentioned in this section, the interferences could have originated from anywhere within the radius of kilometres from the UAVs' positions.



## Tables of weapons

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

Date	No. of weapons	Type of weapon	Location	Source of observation
<b>Government-controlled areas</b>				
5/5/2021	2	Self-propelled anti-aircraft system (2K22 <i>Tunguska</i> )	In Borivske (65km north-west of Luhansk)	Long-range UAV
	6	Towed howitzer (2A36 <i>Giatsint-B</i> , 152mm)	In a compound near Malovendelivka (58km north-west of Luhansk)	
	3	Tank (T-72)	In a compound in a residential area of Kostiantynivka (60km north of Donetsk)	
6/5/2021	2	Tank (T-64)	Near Kostiantynivka (60km north of Donetsk)	Patrol
<b>Non-government-controlled areas</b>				
5/5/2021	10	Tank (T-72)	In a training area near Shymshynivka (27km south-west of Luhansk), where imagery also revealed the presence of 14 armoured personnel carriers (MT-LB), including one with anti-aircraft gun ZU-23, 23mm) <sup>8</sup> In a training area near Myrne (28km south-west of Luhansk), where imagery also revealed the presence of 33 infantry fighting vehicles (15 BMP-variants and 18 BMP-2) and five armoured personnel carriers (MT-LB) In a training area near Kruhlyk (31km south-west of Luhansk) In a training area near Pokrovka (36km east of Donetsk), where imagery also revealed the presence of 18 infantry fighting vehicles (BMP-type) and three armoured personnel carriers (MT-LB) and an anti-aircraft gun (ZU-23, 23mm)	Long-range UAV
	5	Mortar (2B11 <i>Sani</i> , 120mm)		
	25	Tank (T-64)		
	11	Anti-tank gun (MT-12 <i>Rapira</i> , 100mm)		
	8	Self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm)		
	22	Tank (T-64)		
	12	Tank (T-72)		
	2	Anti-tank gun (MT-12 <i>Rapira</i> , 100mm)		

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

Date	No.	Type	Location	Source of observation
<b>Government-controlled areas</b>				
2/5/2021	1	Armoured combat vehicle (type undetermined)	Near Marinka (23km south-west of Donetsk)	Mid-range UAV
5/5/2021	2	Armoured combat vehicle (type undetermined)	Near a residential area of Zolote-2/Karbonit (62km west of Luhansk)	Long-range UAV
	1	Infantry fighting vehicle (BTR-4 <i>Grom</i> )		
	1	Armoured recovery vehicle (BREM)		
	4	Infantry fighting vehicle (BMP-1)	In a compound in Muratove (51km north-west of Luhansk)	
	3	Armoured personnel carrier (BTR-80)	In a compound near a residential area of Heivka (27km north-west of Luhansk)	
	5	Armoured combat vehicle (type undetermined)	Near Svitlodarsk (57km north-east of Donetsk)	Mini-UAV
	1	Probable infantry fighting vehicle (type undetermined)	Near Luhanske (59km north-east of Donetsk)	
6/5/2021	1	Armoured personnel carrier (BTR-70)	Near Novobakhmutivka (28km north of Donetsk)	Patrol

<sup>8</sup> The armoured combat vehicles and an anti-aircraft gun mentioned in this section are not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

<sup>9</sup> The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

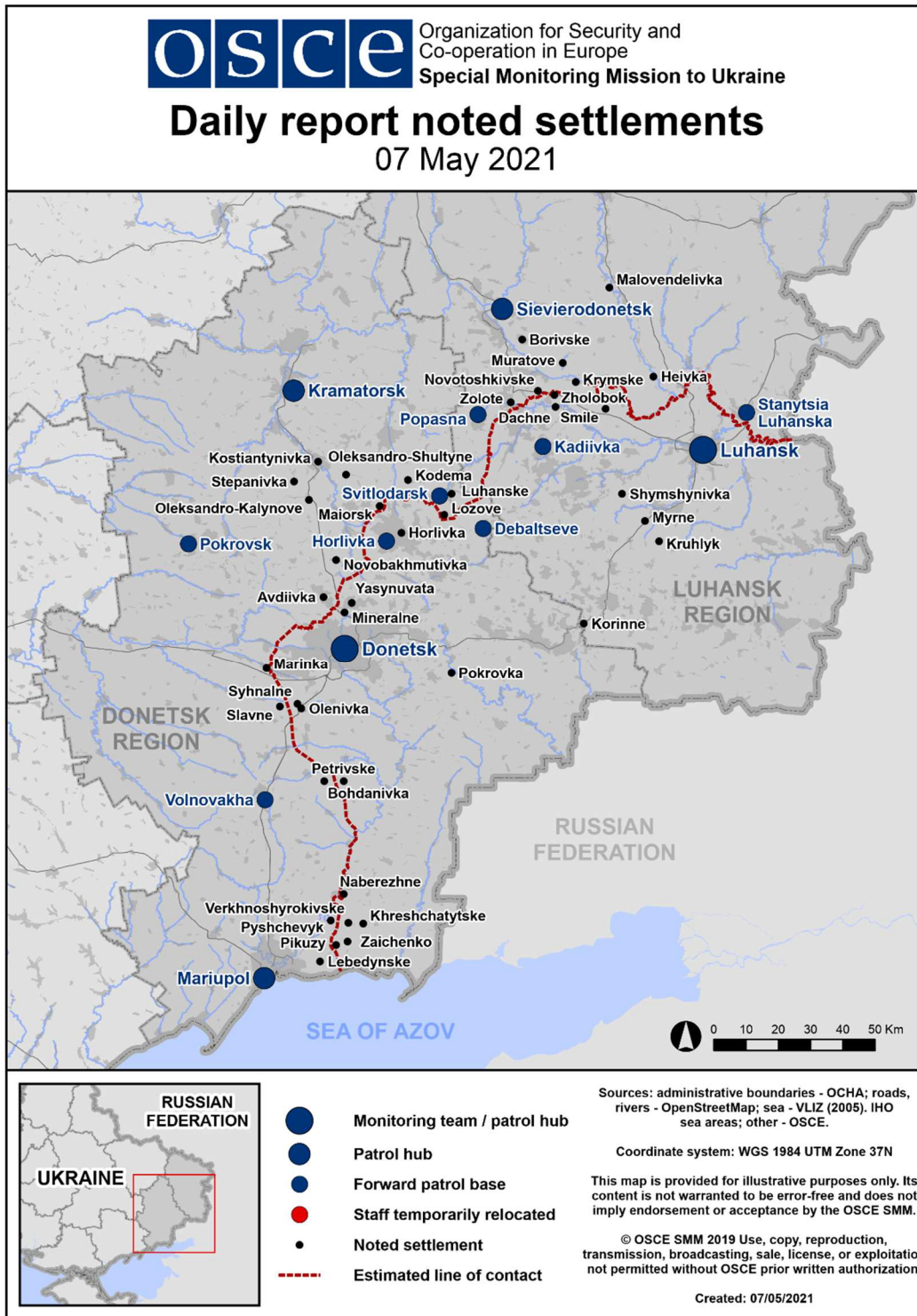
**Table of ceasefire violations as of 6 May 2021<sup>10</sup>**

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	2-4km SE	Recorded	1	Explosion	Undetermined (unable to be assessed if inside or outside the disengagement area near Petrivske)	N/K	6-May, 17:09
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	3-5km SSE	Recorded	1	Projectile	In vertical flight	N/K	5-May, 21:35
SMM camera at entry-exit checkpoint in Hnutove (government-controlled, 90km S of Donetsk)	2-4km E	Recorded	1	Projectile	N to S	N/K	6-May, 00:36
	2-4km E	Recorded	1	Muzzle flash		N/K	6-May, 00:36
	2-4km E	Recorded	1	Projectile	NNW to SSE (subsequent to previous event)	N/K	6-May, 00:36
	2-4km E	Recorded	1	Explosion	Airburst (subsequent to previous event)	N/K	6-May, 00:36
SMM camera in Hranitne (government-controlled, 60km S of Donetsk)	2-4km E	Recorded	4	Projectile	S to N	N/K	5-May, 21:37
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km ENE	Recorded	1	Projectile	In vertical flight	N/K	5-May, 21:10
	2-4km E	Recorded	20	Projectile	In vertical flight	N/K	5-May, 21:11
	2-4km E	Recorded	7	Projectile	In vertical flight	N/K	5-May, 21:12
	2-4km E	Recorded	2	Projectile	In vertical flight	N/K	5-May, 21:15
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	4-6km NNE	Recorded	1	Muzzle flash		N/K	5-May, 21:35
	4-6km NNE	Recorded	1	Projectile	E to W (subsequent to previous event)	N/K	5-May, 21:35
	4-6km N	Recorded	1	Projectile	W to E	N/K	5-May, 21:38
	4-6km N	Recorded	2	Projectile	In vertical flight	N/K	5-May, 21:39
	4-6km N	Recorded	4	Projectile	In vertical flight	N/K	5-May, 21:40
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	5-May, 21:47
	4-6km N	Recorded	7	Projectile	In vertical flight	N/K	5-May, 21:55
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	5-May, 22:01
	4-6km N	Recorded	1	Muzzle flash		N/K	6-May, 00:36
	4-6km N	Recorded	1	Projectile	W to E (subsequent to previous event)	N/K	6-May, 00:36
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	6-8km NNW	Heard	3	Explosion	Undetermined	N/K	6-May, 13:11
	6-8km WSW	Heard	2	Explosion	Undetermined	N/K	6-May, 13:15
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km SSE	Heard	1	Explosion	Undetermined	N/K	6-May, 10:04
	2-3km SSE	Heard	1	Explosion	Undetermined	N/K	6-May, 10:19
	2-3km S	Heard	2	Explosion	Undetermined	N/K	6-May, 10:36
	2-3km S	Heard	1	Explosion	Undetermined	N/K	6-May, 10:46
	2-3km S	Heard	1	Explosion	Undetermined	N/K	6-May, 11:01

<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
About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	3-4km SSE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	6-May, 12:08
	7-10km W	Heard	15	Explosion	Outgoing (assessed as outside the disengagement area)	Artillery (type N/K)	6-May, 13:15
	3-5km SE	Heard	5	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	6-May, 13:25
	3-5km SE	Heard	9	Shot	Assessed as outside the disengagement area	HMG	6-May, 13:30
	2km SE	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	Mortar (type N/K)	6-May, 13:45
Horlivka non-government-controlled, 39km NE of Donetsk)	2-3km SW	Heard	20	Shot		Small arms	5-May, 18:40
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	5-May, 18:58
	2-3km W	Heard	18	Burst		Small arms	6-May, 06:23-06:38
	5-6km NW	Heard	1	Explosion	Undetermined	N/K	6-May, 13:44
	5-6km NW	Heard	1	Explosion	Undetermined	N/K	6-May, 13:56
NE edge of Lebedynske (government-controlled, 99km S of Donetsk)	2-3km W	Heard	3	Shot	Undetermined	N/K	6-May, 18:09-18:15
	4-6km E	Heard	1	Explosion	Undetermined	N/K	6-May, 10:08
About 500m NE of Lebedynske (government-controlled, 99km S of Donetsk)	3-4km NE	Heard	4	Burst		Small arms	6-May, 10:16
	3-5km ESE	Heard	2	Explosion	Impact	N/K	6-May, 10:58
	3-4km SE	Heard	1	Explosion	Impact	N/K	6-May, 11:10
	4-5km E	Heard	1	Explosion	Undetermined	N/K	6-May, 11:13
	3-4km SE	Heard	2	Explosion	Undetermined	N/K	6-May, 11:14-11:17
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	2-4km E	Heard	1	Explosion	Undetermined	N/K	6-May, 11:49
About 1km NE of Zalizne (formerly Artemove, government-controlled, 42km NE of Donetsk)	3-5km SE	Heard	1	Explosion	Undetermined	N/K	6-May, 13:02
	5-7km SE	Heard	1	Explosion	Undetermined	N/K	6-May, 13:05
	2-4km SW	Heard	1	Explosion	Undetermined	N/K	6-May, 13:16
About 2km WSW of Zalizne (formerly Artemove, government-controlled, 42km NE of Donetsk)	3-4km S	Heard and saw	1	Explosion	Impact	N/K	6-May, 13:43
	3-4km S	Heard	1	Explosion	Undetermined	N/K	6-May, 13:55
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-4km E	Recorded	1	Projectile	S to N (assessed as outside the disengagement area)	N/K	6-May, 00:54
	2-4km E	Recorded	7	Muzzle flash	Assessed as outside the disengagement area	N/K	6-May, 00:54
	2-4km ENE	Recorded	2	Projectile	N to S (assessed as outside the disengagement area)	N/K	6-May, 00:57
NE edge of Dachne (non-government-controlled, 47km W of Luhansk)	4-6km NNW	Heard	15	Explosion	Undetermined	N/K	6-May, 12:10-12:30
Zolote-2/Karbonit (government-controlled, 62km W of Luhansk)	10-12km SE	Heard	2	Explosion	Undetermined	N/K	6-May, 14:24

### 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).