

# Daily Report 253/2021

28 October 2021<sup>1</sup>

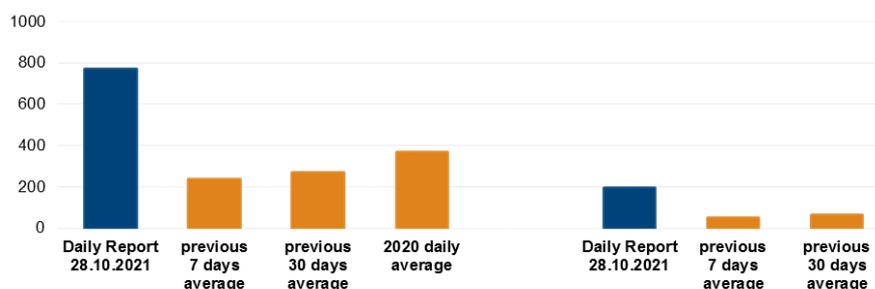
## Summary

- In Donetsk region, the Mission recorded 681 ceasefire violations, including 192 explosions. In the previous reporting period, it recorded 435 ceasefire violations in the region.
- In Luhansk region, the SMM recorded 103 ceasefire violations, including four explosions. In the previous reporting period, it recorded 20 ceasefire violations in the region.
- The Mission followed up on reports of damage to a civilian property in government-controlled Hranitne and to five civilian properties in the Kuibyshevskiy district of non-government-controlled Donetsk city, Donetsk region.
- Members of the armed formations delay SMM exit out of non-government-controlled areas at Stanytsia Luhanska, Luhansk region.
- The Mission continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske. It recorded ceasefire violations inside the disengagement area near Petrivske.
- The SMM facilitated and monitored adherence to localized ceasefires to enable the operation and construction of critical civilian infrastructure.
- The Mission visited two border crossing points outside government control.
- The SMM continued following up on the situation of civilians, including at four entry-exit checkpoints and five checkpoints of the armed formations in Donetsk and Luhansk regions.
- The SMM's freedom of movement continued to be restricted, including at a border crossing point outside government control near Izvaryne, Luhansk 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, 27 October 2021. All times are in Eastern European Summer Time.

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

<sup>3</sup> Including explosions.

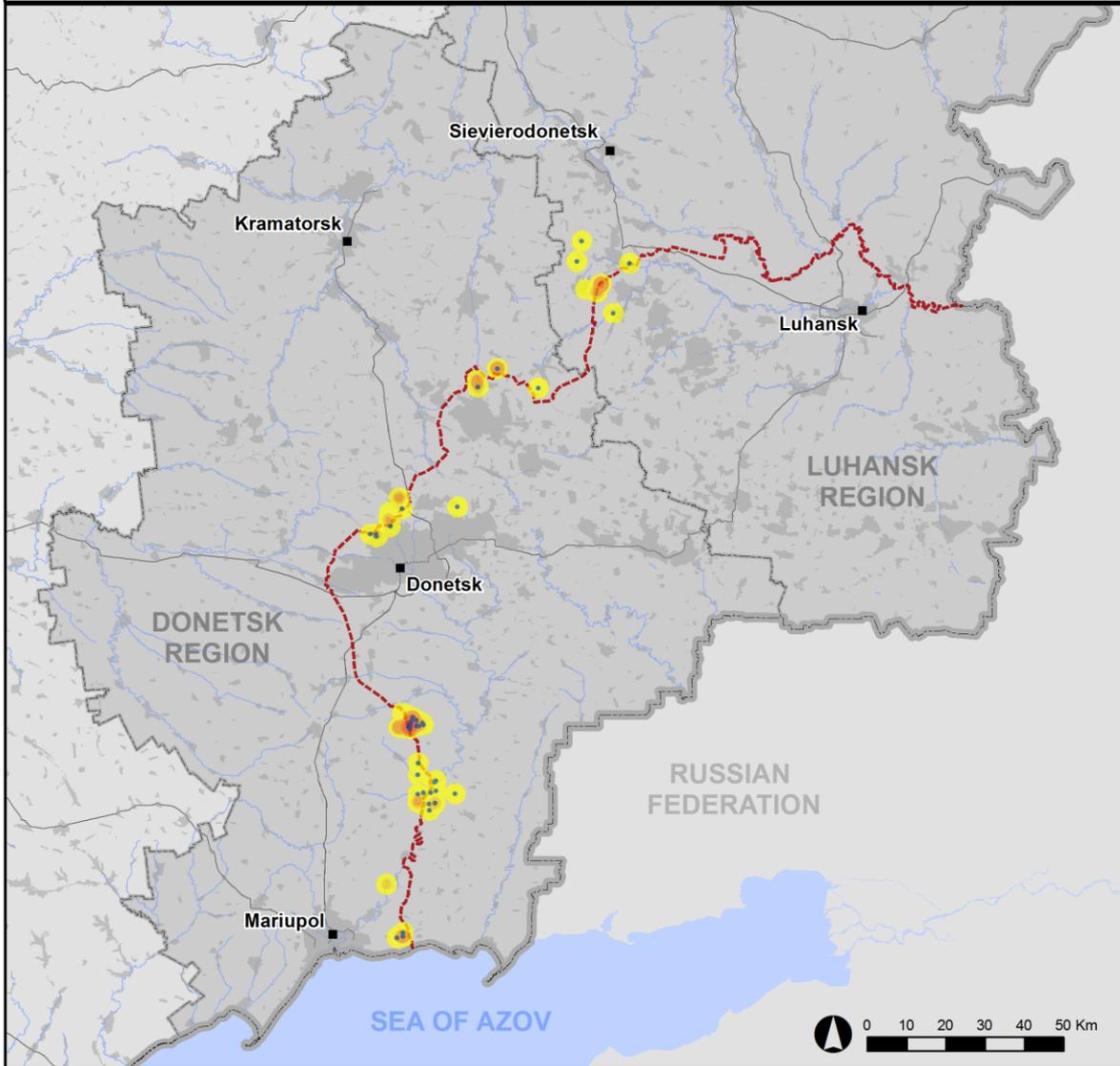
<sup>4</sup> Including from unidentified weapons.

### Map of recorded ceasefire violations

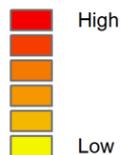


Organization for Security and  
Co-operation in Europe  
Special Monitoring Mission to Ukraine

## Ceasefire violations observed by the SMM 27 October 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: 28/10/2021

In Donetsk region, the SMM recorded 681 ceasefire violations, including 192 explosions (five outgoing, 19 impacts, two airbursts and 166 undetermined). The majority of ceasefire violations occurred inside and near the disengagement area near Petrivske (non-government-controlled, 41km south of Donetsk) (see below). In the [previous reporting period](#), the Mission recorded 435 ceasefire violations in the region, the majority of which also occurred inside and near the disengagement area near Petrivske.

In Luhansk region, the SMM recorded 103 ceasefire violations, including four undetermined explosions. Almost all ceasefire violations occurred in areas south-west of the disengagement area near Zolote (government-controlled, 60km west of Luhansk) (see below). In the [previous reporting period](#), the Mission recorded 20 ceasefire violations in the region, the majority of which also occurred near 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 68,837 ceasefire violations in both Donetsk and Luhansk regions (including 18,865 explosions, 14,631 projectiles in flight, 332 muzzle flashes, 277 illumination flares and at least 34,732 bursts and shots).

### **Damage to a civilian property in Hranitne, Donetsk region**

On 26 October, the Mission followed up on reports of damage to a civilian property in Hranitne (government-controlled, 60km south of Donetsk).

At 24 Beidy Street, in the eastern part of Hranitne, the SMM observed ten shrapnel marks on the south-facing wall of an abandoned single-storey house, as well as two broken south-facing windows. Just east of the house, it saw a crater (about 1.5m in diameter), as well as ten holes in a metal gate 7m south of the crater.

On the edge of the road, just west of the aforementioned house, the SMM saw a second crater (about 1.5m in diameter), multiple broken branches and shrapnel marks on a tree next to it, as well as five broken pieces of a concrete (assessed as formerly parts of a well) laying on the ground east of the crater. A neighbour (man in his forties) told the Mission that he had heard shelling on the night of 25 October and afterwards had seen that the well had been damaged.

The Mission assessed the damage and the two craters as recent and caused by the impact of mortar rounds.

On 27 October, the Mission conducted an assessment of the road T0512 between Boikivske (formerly Telmanove, non-government-controlled, 67km south-east of Donetsk) and Staromarivka (62km south of Donetsk). On the same day, an SMM mini-UAV spotted a damaged car next to the road leading to Staromarivka, as well as an impact of an unidentified projectile on the same road, both about 2km east of the aforementioned village. The same UAV spotted a probable mortar impact about 1km east of Staromarivka, north of the same road (not visible in imagery from 6 October 2021). The patrol assessed that it was unsafe to continue to Staromarivka due to kinetic activity nearby in Hranitne.

The SMM will continue to follow up.

## Damage to five civilian properties in Donetsk city's Kuibyshevskiy district

On 24 October, the SMM followed up on reports of damage to five civilian properties in Donetsk city's Kuibyshevskiy district (non-government-controlled, 5km west of Donetsk city centre), all located about 5km south-east of positions of the armed formations in the north-eastern part of Donetsk city.

At an inhabited single-storey residential house at 104 Severodvinska Street, the Mission saw an entry hole in its south-south-west facing wall, and an exit hole in the interior side of the same wall. It also observed two additional holes on the surface of the same wall. The Mission observed damage to the house's south-west facing apex, cracks in its asbestos roofing and saw broken roofing material laying on the ground. It assessed all aforementioned damage caused by shrapnel. A woman (in her thirties), who introduced herself as a resident of the house, told the SMM that on the morning of 18 October, she had heard about 20 explosions and subsequently seen holes and damage to her house.

About 10m south-west, the SMM also observed seven small holes in the asbestos sheeting on a fence between the aforementioned house and a house at 102 Severodvinska Street, assessed as caused by shrapnel.

About 20m south-west of the previous house, at an inhabited single-storey residential house at 100 Severodvinska Street, the Mission saw damage to the south-south-west and north-north-east sides of a fence made of asbestos panels in its rear garden, about 20m west-north-west of the house, assessed as caused by shrapnel. The Mission also observed shrapnel marks on a tree about 2m north-west of the house and about five broken branches on the ground around the tree. A woman (in her sixties), who introduced herself as the owner of the house, told the SMM that on the morning of 18 October, while she was at work, her neighbours informed her that her house had been damaged as a result of shelling.

About 30m west-south-west of the previous house, at an inhabited single-storey building on 98a Severodvinska Street, the Mission saw damage to a south-east facing entrance door as well as two broken south-east facing windows. Inside the house, the SMM saw a large hole (about 2m in diameter) in its north-facing wall, as well as damaged furniture in a nearby room and a broken window and frame. In the back garden, about 8m north-east of the house, the SMM observed that the south-east facing wall of a smaller building was damaged, that there was rubble in the garden and that all of its four south-south-west facing windows were broken and covered with plastic film. The Mission assessed that the damage had been caused by the impact of an unidentified weapon. An SMM mini-unmanned aerial vehicle (UAV) also spotted severe damage to the east-facing wall of the aforementioned house, and spotted that parts of the aforementioned smaller building's walls were destroyed. The Mission assessed the damage as recent (not visible on imagery of 16 October), but could not determine the weapon or the direction of fire.

About 30m south of the previous house, at an inhabited single-storey house at 98 Severodvinska Street, the Mission saw that two window frames on its north-west facing wall and two on its north-east facing wall were covered with wooden boarding.

About 600m south-west of the previous house, at an inhabited single-storey house at 18 Druzhby Street, the SMM observed damage to its roof. On 24 October, an SMM mini-UAV

also spotted damage to the roof as well as fire damage to the house (not visible on imagery of 16 October). The SMM was not able to assess the type of weapon which caused the damage. A man (in his fifties), who introduced himself as the owner of the property, told the Mission that on the morning of 21 October, while he had been at home with his daughter and son (both in their teens), he had heard shelling nearby. He added that his daughter had been hit by a falling brick following an impact on the roof.

In all aforementioned cases, the SMM assessed the damage as recent but was not able to assess the type of weapon used and the direction of fire.

### **Members of the armed formations delay SMM patrol's exit out of non-government-controlled areas at Stanytsia Luhanska bridge, Luhansk region**

On the morning of 27 October, at a checkpoint of the armed formations south of the repaired span of the Stanytsia Luhanska bridge (15km north-east of Luhansk), three members of the armed formations asked to check the luggage or to see the diplomatic passports of the Deputy Chief Monitor and two other Mission members. The SMM refused both requests. Subsequently, members of the armed formations allowed the SMM passage towards government-controlled areas only after 98 minutes.

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

Inside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), the Mission saw three members of the armed formations (wearing armbands with "JCCC" written on them) south of the repaired span of the Stanytsia Luhanska bridge (15km north-east of Luhansk).

On the evening of 26 October, while on the northern edge of Popasna (government-controlled, 69km west of Luhansk), the SMM heard 74 bursts and shots of heavy-machine-gun and small-arms fire, all at an assessed range of 5-7km east-south-east. During the night of 26-27 October, the SMM camera in Zolote recorded one undetermined explosion at an assessed range of 3-5km east. All these ceasefire violations were assessed as outside the **disengagement area near Zolote**, but within 5km of its periphery.

At a checkpoint of the armed formations on the south-eastern edge of the disengagement area, the SMM observed that the previous inscription ("Caution! The road may be targeted by ATGM" written in Russian) had been renewed but unchanged, taped over two wooden signs on the edge of the road leading eastward towards Zolote-5/Mykhailivka (non-government-controlled, 60km west of Luhansk).

Near the checkpoint of the armed formations south of the disengagement area, the SMM saw two 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, were closed.

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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.

On the evening and night of 26-27 October, the SMM camera 2km east of Bohdanivka (government-controlled, 41km south-west of Donetsk) recorded 41 projectiles in flight, assessed as inside the **disengagement area near Petrivske**, three undetermined explosions, 13 projectiles in flight and one airburst, all unable to be assessed as either inside or outside the disengagement area, as well as eight undetermined explosions, assessed as outside the disengagement area, but within 5km of its periphery.

On the same night, the SMM camera in Petrivske recorded two illumination flares at assessed ranges of 1-4km west-north west, assessed as outside the disengagement area, but within 5km of its periphery.

During the day on 27 October, while positioned about 2km east of Bohdanivka, the Mission heard 29 undetermined explosions, 124 rounds and bursts (of which 22 rounds of 30mm cannon fire, 67 of heavy-machine-gun, 35 of small-arms fire), as well as 64 shots of small-arms fire, all assessed as outside the disengagement area, but within 5km of its periphery.

During the same day, while positioned at two locations near the disengagement area, the SMM heard 22 undetermined explosions, 56 bursts and shots of heavy-machine-gun, all assessed as inside the disengagement area, as well as heard 24 undetermined explosions and 52 bursts and shots of heavy-machine-gun, all assessed as outside the disengagement area, but within 5km of its periphery.

### **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 SMM observed nine tanks at a railway station in a residential area in a government-controlled area of Donetsk region. (For further information, see the table below.)

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

The Mission observed three infantry fighting vehicles in a non-government-controlled area of Luhansk region. (For further information, see the table below.)

### **Presence of mines near Lozove, Donetsk region**

On 25 October, about 3km north of Lozove (non-government-controlled, 13km west of Donetsk), an SMM mini-UAV spotted 12 anti-tank mines, one laid on the eastern lane of a highway and 11 laid across the highway about 100m north of the aforementioned single mine, part of a known minefield (all previously reported). All these mines were assessed as belonging to the armed formations. (For previous observations in the area see SMM Daily Report of [30 June 2021](#) and [24 March 2021](#).)

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

The Mission continued to facilitate the operation of the Donetsk Filtration Station (15km north of Donetsk). While positioned about 1km north of the railway station in Yasynuvata (non-government-controlled, 16km north-east of Donetsk), the SMM heard one undetermined explosion, assessed as within a 5km radius of the DFS.

The SMM also monitored adherence to a localized ceasefire to enable the construction of a road near Vodiane (government-controlled, 94km south of Donetsk).

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

In Donetsk region, the Mission saw that the entry-exit checkpoint (EECP) near Marinka (government-controlled, 23km south-west of Donetsk) was open and that the corresponding checkpoint near Kreminets (non-government-controlled, 16km south-west of Donetsk) was closed. It also saw that the corresponding checkpoint near Olenivka (non-government-controlled, 23km south-west of Donetsk) was closed.

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

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.

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

While at a border crossing point near Izvaryne (52km south-east of Luhansk), the Mission observed three cars and four people (mixed ages and genders, including one boy) entering Ukraine, and two cars and five people (mixed ages and genders) exiting Ukraine. After about 15 minutes, a member of the armed formations told the SMM to leave the area.<sup>6.\*</sup>

While at a pedestrian border crossing point near Verkhoharasymivka (57km south-east of Luhansk) for about 80 minutes, the Mission did not observe any people entering or exiting Ukraine.

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*

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<sup>6</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.

*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.*

#### Denial:

- At a border crossing point near Izvaryne (non-government-controlled, 52km south-east of Luhansk), a member of the armed formations told the Mission to leave the area after about 15 minutes (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.

#### Delay:

- At a checkpoint south of the Stanytsia Luhanska bridge (15km north-east of Luhansk), members of the armed formations allowed the Mission to proceed towards government-controlled areas only after 98 minutes of waiting, demanding to inspect patrol members' luggage or diplomatic passports, both of which the Mission refused (see above).

#### Other impediments:<sup>7</sup>

- While conducting a test flight, an SMM long-range UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas between government-controlled Varvarivka (81km north-west of Donetsk) and Kostiantynivka (60km north of Donetsk), between Varvarivka and Slavne (26km south-west of Donetsk), and between Yakovlivka (88km north-west of Donetsk) and Pryvillia (85km north of Donetsk). The same UAV experienced dual GPS signal interference, assessed as caused by jamming, while flying over areas between Kostiantynivka and Varvarivka, and between Slavne and Yakovlivka.
- SMM mini-UAVs experienced GPS signal interference, assessed as caused by probable jamming during four flights: on two occasions over areas near Zhelanne Pershe (government-controlled, 29km north-west of Donetsk), and on one occasion each over areas near Karlivka (government-controlled, 25km north-west of Donetsk) and near Verhulivka (non-government-controlled, 61km west of Luhansk).
- The Mission cancelled a mid-range UAV flight due to GPS signal interference, assessed as caused by probable jamming near Zhelanne Pershe.

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<sup>7</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>Government-controlled areas</b>				
27/10/2021	9	Tank (T-64)	At a railway station of Druzhkivka (72km north of Donetsk)	Patrol

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

Date	No.	Type	Location	Source of observation
<b>Non-government-controlled areas</b>				
27/10/2021	3	Infantry fighting vehicle (one BMP-1 and two BMP-2)	Near Dovhe (22km north-west of Luhansk)	Patrol

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<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 27 October 2021<sup>9</sup>**

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	1-3km NE	Recorded	21	Projectile	W to E	N/K	26-Oct, 05:52
SMM camera 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	1-3km SE	Recorded	1	Projectile	SSW to NNE (assessed as inside the disengagement area near Petrivske)	N/K	26-Oct, 20:09
	4-6km ESE	Recorded	2	Explosion	Undetermined(assessed as outside the disengagement area near Petrivske)	N/K	26-Oct, 20:49
	4-6km ESE	Recorded	3	Explosion	Undetermined(assessed as outside the disengagement area near Petrivske)	N/K	26-Oct, 20:50
	2-4km ESE	Recorded	23	Projectile	SSW to NNE (assessed as inside the disengagement area near Petrivske)	N/K	26-Oct, 22:33
	2-4km ESE	Recorded	15	Projectile	SSW to NNE (assessed as inside the disengagement area near Petrivske)	N/K	26-Oct, 23:14
	4-7km ESE	Recorded	2	Explosion	Undetermined(assessed as outside the disengagement area near Petrivske)	N/K	27-Oct, 00:07
	4-7km ESE	Recorded	1	Explosion	Undetermined(assessed as outside the disengagement area near Petrivske)	N/K	27-Oct, 00:08
	2-4km SE	Recorded	7	Projectile	SSW to NNE (unable to assess whether inside or outside the disengagement area near Petrivske)	N/K	27-Oct, 00:56
	3-5km SE	Recorded	3	Projectile	WSW to ENE (unable to assess whether inside or outside the disengagement area near Petrivske)	N/K	27-Oct, 01:04
	2-4km ESE	Recorded	2	Projectile	NNE to SSW (assessed as inside the disengagement area near Petrivske)	N/K	27-Oct, 01:08
	3-5km SE	Recorded	2	Projectile	WSW to ENE (unable to assess whether inside or outside the disengagement area near Petrivske)	N/K	27-Oct, 01:13
	3-5km SE	Recorded	1	Projectile	WSW to ENE (unable to assess whether inside or outside the disengagement area near Petrivske)	N/K	27-Oct, 01:19
	3-5km SE	Recorded	1	Explosion	Airburst (unable to assess whether inside or outside the disengagement area near Petrivske, subsequent to previous event)	N/K	27-Oct, 01:19
	4-7km ESE	Recorded	3	Explosion	Undetermined (unable to assess whether inside or outside the disengagement area near Petrivske)	N/K	27-Oct, 01:26
	SMM camera in Hranitne (government-controlled, 60km S of Donetsk)	1-3km E	Recorded	2	Explosion	Impact	N/K
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	3-6km ENE	Recorded	1	Projectile	N to S	N/K	26-Oct, 22:30
	3-6km ENE	Recorded	1	Projectile	N to S	N/K	26-Oct, 22:32
	3-6km ENE	Recorded	1	Projectile	N to S	N/K	26-Oct, 22:34
	3-6km ENE	Recorded	1	Projectile	N to S	N/K	26-Oct, 22:35
	3-6km ENE	Recorded	1	Projectile	N to S	N/K	26-Oct, 22:37
	3-6km E	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	26-Oct, 22:37
	3-6km ENE	Recorded	3	Projectile	N to S	N/K	26-Oct, 22:38

<sup>9</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.

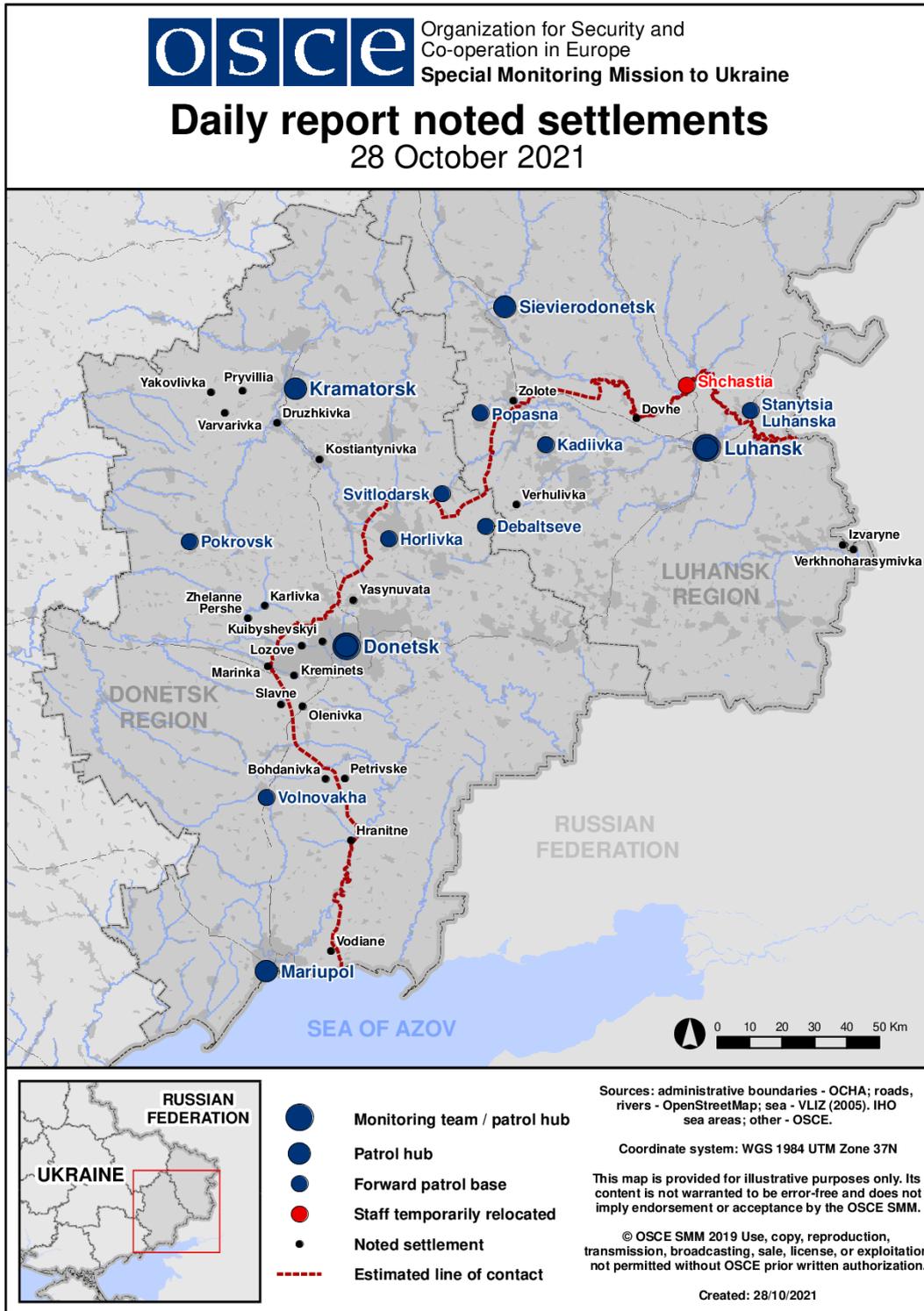
SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	3-6km E	Recorded	3	Explosion	Impact (subsequent to previous event)	N/K	26-Oct, 22:38
	3-6km ENE	Recorded	1	Projectile	N to S	N/K	26-Oct, 22:38
	3-6km ENE	Recorded	2	Projectile	N to S	N/K	26-Oct, 22:39
	3-6km E	Recorded	2	Explosion	Impact (subsequent to previous event)	N/K	26-Oct, 22:39
	3-6km ENE	Recorded	2	Projectile	N to S	N/K	26-Oct, 22:39
	3-6km ENE	Recorded	3	Projectile	N to S	N/K	26-Oct, 22:40
	3-6km E	Recorded	3	Explosion	Impact (subsequent to previous event)	N/K	26-Oct, 22:40
	3-6km E	Recorded	1	Explosion	Undetermined	N/K	26-Oct, 22:40
	3-6km ENE	Recorded	4	Projectile	N to S	N/K	26-Oct, 22:41
	3-6km E	Recorded	4	Explosion	Impact (subsequent to previous event)	N/K	26-Oct, 22:41
	3-6km ENE	Recorded	1	Projectile	N to S	N/K	26-Oct, 22:42
	3-6km E	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	26-Oct, 22:42
	3-6km ENE	Recorded	4	Projectile	N to S	N/K	26-Oct, 22:42
	SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	0.8-1.2km W	Recorded	3	Muzzle flash		N/K
1-2km WSW		Recorded	1	Explosion	Undetermined	N/K	27-Oct, 06:15
1-2km W		Recorded	1	Muzzle flash		N/K	27-Oct, 06:15
1-2km W		Recorded	1	Muzzle flash		N/K	27-Oct, 06:15
1-2km W		Recorded	1	Projectile	N to S (subsequent to previous event)	N/K	27-Oct, 06:15
1-2km WSW		Recorded	1	Explosion	Airburst	N/K	27-Oct, 06:15
1-2km W		Recorded	2	Explosion	Impact	N/K	27-Oct, 06:16
1-2km W		Recorded	1	Explosion	Undetermined	N/K	27-Oct, 06:17
2-4km W		Recorded	1	Explosion	Undetermined	N/K	27-Oct, 18:40
3-5km NNE		Recorded	15	Projectile	In vertical flight	N/K	27-Oct, 05:49
2-4km NE		Recorded	1	Explosion	Undetermined	N/K	27-Oct, 17:48
2-4km NE		Recorded	1	Explosion	Undetermined	N/K	27-Oct, 17:49
2-4km NE		Recorded	1	Explosion	Undetermined	N/K	27-Oct, 17:50
2-4km NE		Recorded	1	Explosion	Undetermined	N/K	27-Oct, 17:51
SMM camera in Petrivske (non-government-controlled, 41km S of Donetsk)	1-3km WNW	Recorded	1	Illumination flare	In vertical flight (assessed as outside the disengagement area near Petrivske))	N/K	27-Oct, 00:08
	2-4km WNW	Recorded	1	Illumination flare	In vertical flight (assessed as outside the disengagement area near Petrivske)	N/K	27-Oct, 03:02
SMM camera 1km SW of Shyrokyne (government-controlled, 100km Sof Donetsk)	4-6km N	Recorded	2	Explosion	Undetermined	N/K	26-Oct, 19:24
	3-5km NNW	Recorded	1	Explosion	Undetermined	N/K	26-Oct, 20:54
	3-5km NNW	Recorded	2	Explosion	Undetermined	N/K	26-Oct, 20:56
	3-5km NNW	Recorded	1	Explosion	Undetermined	N/K	26-Oct, 20:58
	3-5km NNW	Recorded	1	Projectile	ESE to WNW	N/K	26-Oct, 22:10
	3-5km N	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	26-Oct, 22:10
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	26-Oct, 23:39
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	26-Oct, 23:59
	3-5km N	Recorded	9	Projectile	SSE to NNW	N/K	27-Oct, 00:00
	3-5km N	Recorded	3	Explosion	Undetermined	N/K	27-Oct, 00:03
	3-5km N	Recorded	6	Explosion	Undetermined	N/K	27-Oct, 00:04
	3-5km N	Recorded	5	Projectile	SSE to NNW	N/K	27-Oct, 00:04
	3-5km N	Recorded	6	Projectile	S to N	N/K	27-Oct, 02:33
	3-5km N	Recorded	1	Projectile	S to N	N/K	27-Oct, 02:34
	3-5km N	Recorded	1	Projectile	S to N	N/K	27-Oct, 02:35
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km SSE	Recorded	1	Explosion	Undetermined	N/K	27-Oct, 17:45
About 2km NE of Chernenko (government-controlled, 86km S of Donetsk)	2-3km NW	Heard	12	Shot		Small arms	27-Oct, 10:31

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
About 2km SW of Hranitne (government-controlled, 60km S of Donetsk)	5-8km NE	Heard	1	Explosion	Undetermined	N/K	27-Oct, 10:50
	8-10km N	Heard	1	Explosion	Undetermined	N/K	27-Oct, 11:49-11:54
	5-7km NE	Heard	1	Explosion	Undetermined	N/K	27-Oct, 11:49-11:54
	5-7km N	Heard	1	Explosion	Undetermined	N/K	27-Oct, 11:49-11:54
	5-7km N	Heard	2	Explosion	Undetermined	N/K	27-Oct, 11:58
	8-10km N	Heard	6	Explosion	Undetermined	N/K	27-Oct, 12:04-12:05
	2km NE	Heard	1	Explosion	Outgoing	N/K	27-Oct, 12:04-12:05
	1km N	Heard and saw	4	Explosion	Outgoing	N/K	27-Oct, 12:15
	1km S	Heard	19	Burst		HMG	27-Oct, 12:17-12:19
	4-6km ENE	Heard and saw	2	Explosion	Undetermined	N/K	27-Oct, 12:17-12:19
About 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	3-4km SE	Heard	35	Burst	Assessed as outside the disengagement area near Petrivske	Small arms	27-Oct, 10:21-10:23
	3-4km SE	Heard	5	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	27-Oct, 10:21-10:23
	3-4km SE	Heard	3	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	27-Oct, 10:31-10:33
	3km SSE	Heard	4	Shot	Assessed as outside the disengagement area near Petrivske	Small arms	27-Oct, 10:31
	3-4km SE	Heard	12	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	27-Oct, 10:47-10:56
	3-4km SE	Heard	3	Burst	Assessed as outside the disengagement area near Petrivske	HMG	27-Oct, 10:47-10:56
	3-4km SE	Heard	22	Round of cannon fire	Assessed as outside the disengagement area near Petrivske	BMP-2	27-Oct, 10:47-10:52
	3-5km SE	Heard	4	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	27-Oct, 11:05-11:30
	3-5km SE	Heard	54	Burst	Assessed as outside the disengagement area near Petrivske	HMG	27-Oct, 11:05-11:30
	2-3km S	Heard	30	Shot	Assessed as outside the disengagement area near Petrivske	Small arms	27-Oct, 11:05-11:30
	2-3km S	Heard	10	Burst	Assessed as outside the disengagement area near Petrivske	HMG	27-Oct, 11:05-11:30
	3-5km SE	Heard	4	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	Mortar (type N/K)	27-Oct, 11:42-12:00
	3-5km SE	Heard	30	Shot	Assessed as outside the disengagement area near Petrivske	Small arms	27-Oct, 11:42-12:00
	3-4km SE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	27-Oct, 12:31
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	3-4km SW	Heard	3	Burst		HMG	27-Oct, 14:27
About 900m W of Kodema (government-controlled, 57km NE of Donetsk)	3-5km SSE	Heard	13	Explosion	Undetermined	N/K	27-Oct, 11:25-11:34
	3-5km SSE	Heard	15	Burst		HMG	27-Oct, 11:25-11:34
	3-5km SSE	Heard	9	Explosion	Undetermined	N/K	27-Oct, 11:38-11:40
	3-5km SSE	Heard	4	Burst		HMG	27-Oct, 11:38-11:40
	3-5km SSE	Heard	2	Explosion	Undetermined	N/K	27-Oct, 11:50-11:52

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	3-5km SSE	Heard	4	Burst		HMG	27-Oct, 11:50-11:52
About 2km WNW of Boikivske (formerly Telmanove, non-government-controlled, 67km SE of Donetsk)	6-9km W	Heard	2	Explosion	Undetermined	N/K	27-Oct, 10:02
	6-9km W	Heard	2	Explosion	Undetermined	N/K	27-Oct, 10:04
About 1.5km SSW of Nova Marivka (non-government-controlled, 64km S of Donetsk)	3-4km NE	Heard	1	Explosion	Undetermined	N/K	27-Oct, 11:46
	2-3km W	Heard	8	Explosion	Undetermined	N/K	27-Oct, 12:16
	2-3km W	Heard	7	Burst		HMG	27-Oct, 12:16
About 2km SSE of Nova Marivka (non-government-controlled, 64km S of Donetsk)	4-6km W	Heard	1	Explosion	Undetermined	N/K	27-Oct, 12:32
About 700m WSW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	10km E	Heard	1	Explosion	Undetermined	N/K	27-Oct, 11:52
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	4-5km WSW	Heard	1	Explosion	Undetermined	N/K	27-Oct, 14:20
About 2.5km NNE of Petrivske (non-government-controlled, 41km S of Donetsk)	3-4km SSW	Heard	22	Burst	Assessed as inside the disengagement area	HMG	27-Oct, 10:27
	3-4km SSW	Heard	3	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	27-Oct, 10:27
	3-4km SSW	Heard	4	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	27-Oct, 10:42
	2-3km SSW	Heard	1	Burst	Assessed as outside the disengagement area	HMG	27-Oct, 10:44
	2-3km SSW	Heard	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	27-Oct, 10:44
	4-5km SSE	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	27-Oct, 10:44
About 3km NNE of Petrivske (non-government-controlled, 41km S of Donetsk)	3-4km SSW	Heard	2	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	27-Oct, 10:55
	4-5km SSE	Heard	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	27-Oct, 11:05
	2-4km SSW	Heard	25	Burst	Assessed as inside the disengagement area	HMG	27-Oct, 11:15
	3-4km SSW	Heard	3	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	27-Oct, 11:15
	2-4km SSW	Heard	5	Burst	Assessed as inside the disengagement area	HMG	27-Oct, 11:22
	2-4km SSW	Heard	4	Burst	Assessed as inside the disengagement area	HMG	27-Oct, 11:23
	2-3km SSW	Heard	27	Shot	Assessed as outside the disengagement area	HMG	27-Oct, 11:29
	4-5km SSW	Heard	2	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	27-Oct, 11:30
	2-3km SSW	Heard	4	Burst	Assessed as outside the disengagement area	HMG	27-Oct, 11:43
	3-5km SSW	Heard	2	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	27-Oct, 11:43
	2-3km SSW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	27-Oct, 11:46
	3-5km S	Heard	20	Burst	Assessed as outside the disengagement area	HMG	27-Oct, 12:00
	3-5km SSE	Heard	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	27-Oct, 12:00
	2-5km SSW	Heard	1	Explosion	Undetermined (assessed as inside DA3)	N/K	27-Oct, 11:49

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	4-5km SSW	Heard	1	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	27-Oct, 11:53
	4-5km SSW	Heard	3	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	27-Oct, 11:54
	4-6km SSW	Heard	10	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	27-Oct, 12:07-12:30
	2-4km S	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	27-Oct, 11:50
	4-5km SSW	Heard	1	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	27-Oct, 11:50
	4-5km S	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	27-Oct, 11:50
SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk)	3-5km SSE	Recorded	2	Projectile	N to S	N/K	26-Oct, 20:51
	3-5km SSE	Recorded	1	Projectile	N to S	N/K	26-Oct, 20:53
	3-5km SSE	Recorded	1	Projectile	NNE to SSW	N/K	26-Oct, 20:57
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	3-5km E	Recorded	1	Explosion	Undetermined (assessed as outside of the disengagement area near Zolote)	N/K	27-Oct, 05:28
Kadiivka (formerly Stakhanov, non-government-controlled, 50km W of Luhansk)	10-13km W	Heard	1	Explosion	Undetermined	N/K	27-Oct, 22:54
N edge of Popasna (government-controlled, 69km W of Luhansk)	5-7km ESE	Heard	22	Burst	Assessed as outside of the disengagement area near Zolote	Small arms	26-Oct, 20:50-21:05
	5-7km ESE	Heard	45	Shot	Assessed as outside of the disengagement area near Zolote	Small arms	26-Oct, 20:50-21:05
	5-7km ESE	Heard	7	Burst	Assessed as outside of the disengagement area near Zolote	HMG	26-Oct, 20:50-21:05
Ukrainian Armed Forces checkpoint on the eastern outskirts of Popasna (government-controlled, 69km W of Luhansk)	2-3km SSE	Heard	21	Shot		HMG	27-Oct, 11:37-11:45
Zolote-3/Stakhanovets (government-controlled, 61km W of Luhansk)	8-10km NW	Heard	1	Explosion	Undetermined	N/K	27-Oct, 12:21
Molodizhne T Junction (non-government-controlled, 63km NW of Luhansk)	8-10km NW	Heard	1	Explosion	Undetermined	N/K	27-Oct, 12:21

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 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).