

# Daily Report 104/2020

2 May 2020<sup>1</sup>

## Summary

- Compared with the previous reporting period, the SMM recorded fewer ceasefire violations in Donetsk region and more in Luhansk region.
- The Mission lost spatial control of its mini-unmanned aerial vehicle (UAV) near Vrubivka due to signal interference. It recovered the UAV with damage to its landing gear and propellers.
- Members of the armed formations continued to deny the SMM passage at checkpoints along official crossing routes in Donetsk and Luhansk regions.\*
- The Mission continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske. It observed persons near former military and military-type positions inside the disengagement area near Zolote and near military-type positions inside the disengagement area near Petrivske, all during evening hours.
- The SMM saw self-propelled howitzers in violation of withdrawal lines firing from non-government-controlled areas to government-controlled areas of Luhansk region, as well as weapons in violation of withdrawal lines on both sides of the contact line.
- The Mission saw for the first time anti-tank mines near non-government-controlled Betmanove.
- The SMM continued following up on the situation of civilians amid the COVID-19 outbreak, including at entry-exit checkpoints and their corresponding checkpoints in Donetsk and Luhansk regions.
- The SMM's freedom of movement continued to be restricted in both Donetsk and Luhansk regions.\*

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

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

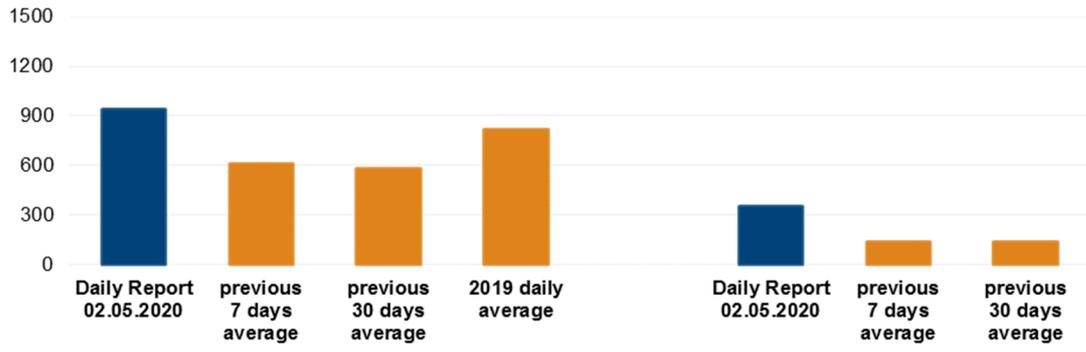
**Number of recorded explosions<sup>4</sup>**

<sup>1</sup> Based on information from the Monitoring Teams as of 19:30, 1 May 2020. 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.

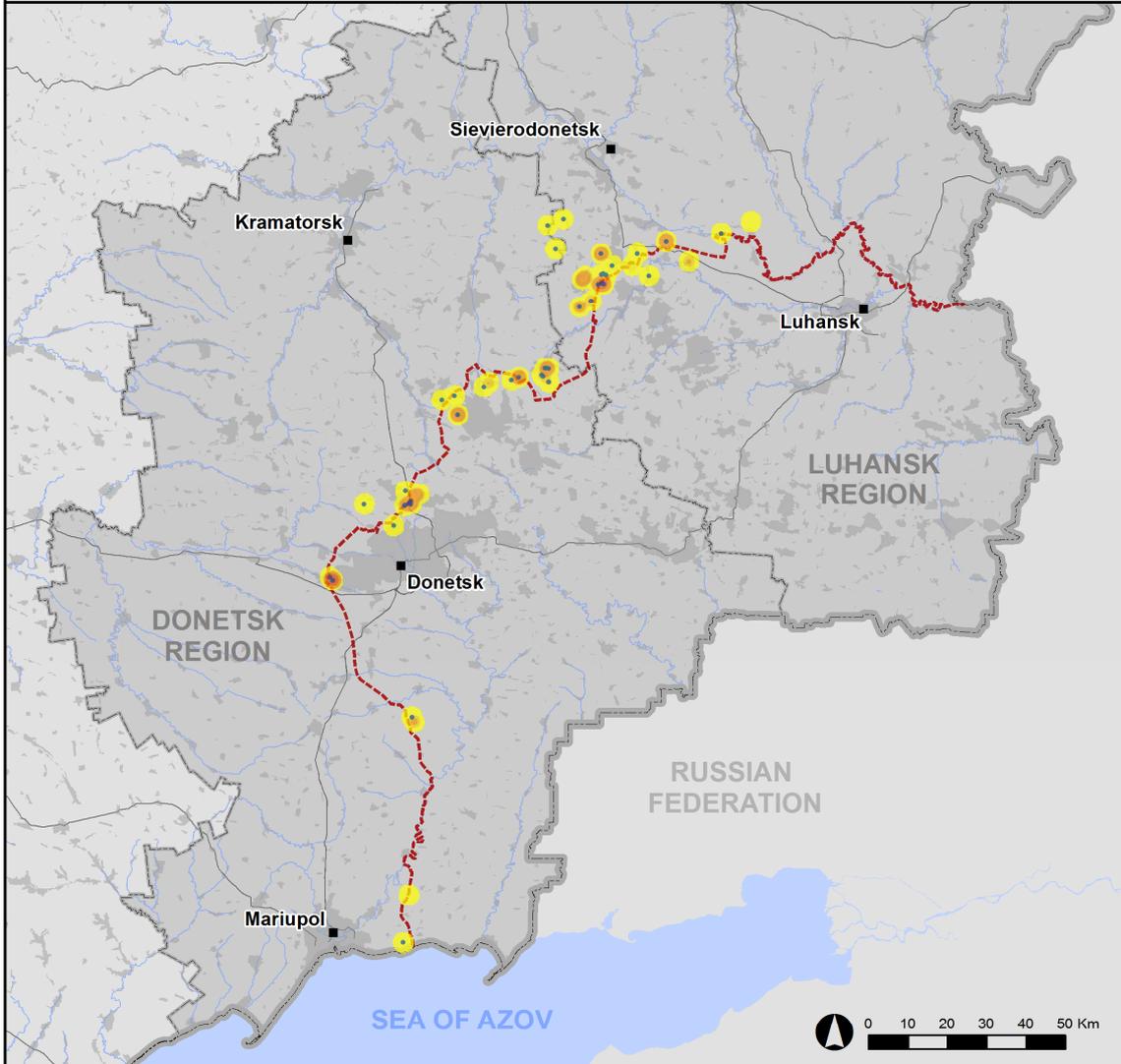


### Map of recorded ceasefire violations

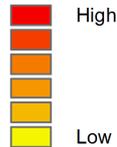


Organization for Security and  
Co-operation in Europe  
Special Monitoring Mission to Ukraine

## Ceasefire violations observed by the SMM 1 May 2020



#### 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: 02/05/2020

In Donetsk region, the SMM recorded fewer ceasefire violations, including fewer explosions (about 160), compared with the [previous reporting period](#) (about 215 explosions). The majority of ceasefire violations were recorded in areas north-west of Vesele (non-government-controlled, 9km north-west of Donetsk), east and south-east of Svitlodarsk (government-controlled, 57km north-east of Donetsk) as well as near the Donetsk Filtration Station (DFS) (15km north of Donetsk).

In Luhansk region, the Mission recorded a more than four-fold increase in ceasefire violations, including more explosions (about 190), compared with the [previous reporting period](#) (about 45 explosions). The majority of ceasefire violations, including the majority of explosions, were recorded at westerly and north-easterly directions of the disengagement area near Zolote (government-controlled, 60km west of Luhansk) and at northerly directions of Sentianivka (formerly Frunze, non-government-controlled, 44km west of Luhansk) (see below). The SMM also recorded three shots of small-arms fire north of Trokhizbenka (government-controlled, 32km north-west of Luhansk), assessed as a live-fire exercise inside the security zone, in violation of the decision of the Trilateral Contact Group of 3 March 2016 that prohibits the conduct of live-fire training in the security zone.

### **The SMM lost spatial control over its mini-UAV near Vrubivka**

An SMM mini-UAV flight experienced strong signal interference while flying over areas south-east of Vrubivka (government-controlled, 72km west of Luhansk), which led to the loss of spatial control over the aircraft. The Mission regained communication with the UAV after about 30 minutes and subsequently recovered it from the Ukrainian Armed Forces with damage to its propellers and one of its legs.\*

### **Members of the armed formations continued to deny the SMM passage at checkpoints along the contact line in Donetsk and Luhansk regions**

Members of the armed formations continued to deny the SMM passage at checkpoints in both Donetsk and Luhansk regions along official crossing routes. These restrictions constitute an impediment to the implementation of the Mission's mandate.<sup>5</sup>

In Donetsk region, at a checkpoint near Olenivka (non-government-controlled, 23km south-west of Donetsk), members of the armed formations denied an SMM patrol passage towards government-controlled areas, stating that the SMM did not have permission to pass. At the same checkpoint, members of the armed formations denied another SMM patrol passage towards non-government-controlled areas, referring to quarantine restrictions due to COVID-19.\*

In Luhansk region, at a checkpoint south of the Stanytsia Luhanska bridge (15km north-east of Luhansk), a member of the armed formations denied the SMM passage towards non-government-controlled areas, referring to the closure of the checkpoint due to COVID-19. He added that the Mission would also not be allowed passage in the opposite direction.\*

### **Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske<sup>6</sup>**

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<sup>5</sup> The Mission began facing repeated denials when attempting to cross into non-government-controlled areas at checkpoints of the armed formations in Donetsk region on 21 March and Luhansk region on 23 March. For more information, see SMM Daily and Spot Reports.

<sup>6</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 1 May, inside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), the SMM saw two members of the armed formations (wearing armbands with “JCCC” written on them) near their checkpoint south of the new span of the Stanytsia Luhanska bridge.

On the evening of 29 April, inside the **disengagement area near Zolote**, an SMM long-range UAV spotted two persons near a former position of the Ukrainian Armed Forces built across railway tracks, about 100m south of the area’s northern edge and about 200m west of its eastern edge. On the same evening, inside the disengagement area, the same UAV also spotted a person near a former position of the Ukrainian Armed Forces, about 70m south of the area’s northern edge and about 500m west of its eastern edge. Also inside the disengagement area, the same UAV spotted four persons near a former position of the Ukrainian Armed Forces about 600m south of the area’s northern and about 2km west of its eastern edge. Outside the disengagement area, about 120m west of the area’s western edge and north and south of the railway tracks, the same UAV spotted three persons near positions of the Ukrainian Armed Forces.

On the evening of 30 April, inside the disengagement area near Zolote, an SMM long-range UAV spotted two persons near former positions of the armed formations about 500m east and north of the area’s western and southern edges, respectively, as well as two persons near former positions of the Ukrainian Armed Forces, about 500m south and 2km west of the area’s northern and eastern edges, respectively.

On 1 May, while positioned at five locations close to the disengagement area near Zolote, the Mission heard about 95 undetermined explosions and 95 shots and bursts of heavy-machine-gun and small-arms fire, all assessed as outside the disengagement area but within 5km of its periphery.

On 1 May, while positioned south of Zolote-5/Mykhailivka (non-government-controlled, 58km west of Luhansk), the SMM heard and saw a non-SMM UAV flying at a distance of about 800m south-west of the patrol’s position and at an altitude of about 800m, assessed as outside the disengagement area. The patrol left the area.\*

On the same day, the SMM saw a member of the armed formations (wearing an armband with “JCCC” written on it) near the southern edge of the disengagement area near Zolote.

On the evening of 29 April, inside the **disengagement area near Petrivske** (non-government-controlled, 41km south of Donetsk), an SMM long-range UAV spotted five persons carrying items assessed as bags on their shoulders inside trenches assessed as belonging to the armed formations about 100m west of the area’s eastern and about 80m north of its southern edge.

On the evening of 30 April, the SMM camera in Petrivske (non-government-controlled, 41km south of Donetsk) recorded an undetermined explosion at an assessed range of 500-800m south-west, assessed as inside the disengagement area.

On the same evening, the SMM camera in Bohdanivka (government-controlled, 41km south-west of Donetsk) recorded about 20 projectiles in flight at an assessed range of 3-5km east-south-east (unable to be assessed if inside or outside of the disengagement area).

On 1 May, positioned at two locations close to the disengagement area near Petrivske, the SMM observed a calm situation.

### **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.

On the evening of 30 April, about 2km east of Berdianka (non-government-controlled, 45km west of Luhansk), an SMM long-range UAV spotted four self-propelled howitzers firing in a north-westerly direction, as well as four impacts assessed as caused by artillery rounds from the aforementioned howitzers, about 2.5km south-east of government-controlled Orikhove (57km north-west of Luhansk).

In addition to the four aforementioned howitzers, the Mission also observed three self-propelled howitzers in non-government-controlled areas of Luhansk region as well as two surface-to-air-missile systems and a probable towed howitzer in government-controlled areas of Donetsk and Luhansk regions, all in violation of withdrawal lines (for further details, see the tables below).

The Mission also observed a tank and a surface-to-air missile system in government-controlled areas of Donetsk and Luhansk regions, beyond withdrawal lines but outside of designated storage sites.

### **Indications of military and military-type presence inside the security zone<sup>7</sup>**

The SMM observed armoured combat vehicles and an anti-aircraft gun in the security zone of government-controlled areas in Donetsk and Luhansk regions, as well as armoured combat vehicles in the security zone of non-government-controlled areas of Luhansk region (for further details, see the table below).

On 1 May, while positioned 1km north-west of the railway station in Yasynuvata (non-government-controlled, 16km north-east of Donetsk) the SMM observed four persons assessed as members of the armed formations digging a 250m-long trench about 800m south of the DFS, near positions of the armed formations and parallel to road M-04.

### **Presence of mines, remnants of ammunition and mine hazard sign**

On 29 April, on the northern edge of Betmanove (formerly Krasnyi Partyzan, non-government-controlled, 23km north-east of Donetsk), an SMM mini-UAV spotted for the first time at least six anti-tank mines laid across a road leading to Verkhnotoretske (government-controlled, 23km north-east of Donetsk).

On 30 April, while positioned on the road about 2km east of Marinka (government-controlled, 23km south-west of Donetsk), the SMM [again](#) observed at least 50 anti-tank mines, assessed as the southern part of a larger minefield, about 700m north-west of the patrol's position.

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

Also on 30 April, the SMM observed remnants of ammunition, assessed as a round from a rocket-propelled grenade (RPG-7), lying on the northern side of the road about 700m west of a checkpoint of the armed formations near Oleksandrivka (non-government-controlled, 20km south-west of Donetsk).

On 1 May, the SMM saw for the first time a mine hazard sign placed in the middle of a road north-east of Sentianivka (the SMM had previously seen the same sign placed on the western side of the road).\*

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

The SMM continued to facilitate the operation of the DFS. Positioned at three locations near the station, the Mission heard nine undetermined explosions and about 45 shots and bursts of small-arms fire, all assessed as within a 5km radius of the DFS, despite security guarantees having been provided for a localized ceasefire.

### **Measures taken at entry-exit checkpoints and corresponding checkpoints to counter COVID-19 outbreak**

In Donetsk region, the SMM noted that the entry-exit checkpoints (EECP) near Marinka (government-controlled, 23km south-west of Donetsk) and Novotroitske (government-controlled, 36km south-west of Donetsk) and their corresponding checkpoints of the armed formations near Oleksandrivka and Olenivka, respectively, remained closed.\*

In Luhansk region, the SMM saw that the EECP in Stanytsia Luhanska and the corresponding checkpoint of the armed formations south of the Stanytsia Luhanska bridge remained closed.\*

Positioned at a checkpoint on the boundary line between Luhansk and Donetsk regions north-east of Debaltseve (non-government-controlled, 58km north-east of Donetsk), the SMM observed one truck travelling towards Luhansk region as well as one truck and three cars travelling towards Donetsk region, all being disinfected by two members of the armed formations with a disinfecting liquid. At a checkpoint south-east of Debaltseve on the same boundary line, the SMM observed no traffic.

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

While at a border crossing point near Uspenka (non-government-controlled, 73km south-east of Donetsk) for about 30 minutes, the SMM observed no traffic entering or exiting Ukraine. During its stay, the SMM saw covered cargo trucks drive into a fenced-off area for disinfection. Three members of the armed formations told the Mission that they disinfected all vehicles passing through the border crossing point in both directions.

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

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

*The SMM's monitoring and freedom of movement are restricted by security hazards and threats, including risks posed by mines and unexploded ordnance (UXO) and other impediments – which vary from day to day. The SMM's mandate provides for safe and secure access throughout Ukraine.*

All signatories of the Package of Measures have agreed on the need for this safe and secure access, that restriction of the SMM's freedom of movement constitutes a violation, and on the need for rapid response to these violations. They have also agreed that the Joint Centre for Control and 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 [SMM Daily Report 28 March 2020](#)). The SMM's operations in Donetsk and Luhansk regions remain restricted following [the fatal incident of 23 April 2017 near Pryshyb](#); these restrictions continued to limit the Mission's observations.

#### Denial of access:

- At a checkpoint south of the Stanytsia Luhanska bridge (15km north-east of Luhansk), a member of the armed formations [again](#) denied the SMM passage towards non-government-controlled areas, referring to the closure of the checkpoint due to COVID-19.
- At a checkpoint near Olenivka (non-government-controlled, 23km south-west of Donetsk), two armed members of the armed formations [again](#) denied an SMM patrol passage towards government-controlled areas, stating that the SMM did not have permission to pass. At the same checkpoint, two armed members of the armed formations denied another SMM patrol passage towards non-government-controlled areas, referring to quarantine restrictions due to COVID-19.

#### *Regular restrictions related to disengagement areas and mines/UXO:*

- The sides continued to deny the SMM full access, as well as the ability to travel certain roads previously identified as important for effective monitoring by the Mission and for civilians' movement, through failure to conduct comprehensive clearance of mines, UXO and other obstacles.

#### Other impediments:

- On 29 April, an SMM long-range UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas near Kostiantynivka (government-controlled, 60km north of Donetsk) and Khartsyzk (non-government-controlled, 26km east of Donetsk).<sup>8</sup>
- On 30 April, an SMM long-range UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas near Kostiantynivka (government-controlled, 60km north of Donetsk) and Oleksandro-Shulytne (government-controlled, 54km north of Donetsk).
- On 1 May, an SMM mini-UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas near Vrubivka (government-controlled, 72km west of Luhansk). The Mission lost spatial control over the UAV and, once retrieved, observed damage to its propellers and to a leg (see above).
- On 1 May, four SMM mini-UAVs experienced GPS signal interference, assessed as caused by probable jamming, twice while flying over areas near Fedorivka (government-controlled, 71km south of Donetsk), as well as once each while flying over areas near Chermalyk (government-controlled, 77km south of Donetsk), Lysyche (non-government-controlled, 66km south-east of Donetsk) and Mokroiellanchyk (non-government-controlled, 62km south-east of Donetsk).

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<sup>8</sup> The interference could have originated from anywhere within the radius of kilometres from the UAV's position.

- While positioned south of Zolote-5/Mykhailivka (non-government-controlled, 58km west of Luhansk), the SMM heard and saw a non-SMM UAV 800m south-west of the patrol's position and left the area.

## Table of weapons

### Weapons in violation of withdrawal lines

Date	No. of weapons	Type of weapon	Location	Source of observation
<b>Government-controlled areas</b>				
29/04/2020	1	Probable towed howitzer (2A65 <i>Msta-B</i> , 152mm)	Near Vyskryva (76km west of Luhansk)	Long-range UAV
01/05/2020	1	Surface-to-air missile system (9K33 <i>Osa</i> )	Near Teple (31km north of Luhansk)	Patrol
	1	Surface-to-air missile system (9K33 <i>Osa</i> )	Near Vershyna (63km north-east of Donetsk)	
<b>Non-government-controlled areas</b>				
30/04/2020	2	Self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm)	Near Krynychne (45km west of Luhansk)	Long-range UAV
	4	Self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm)	Near Berdianka (45km west of Luhansk)	
	1	Self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm)	Near Vesniane (46km west of Luhansk)	

### 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>				
01/05/2020	1	Tank (T-72)	Near Oknyne (53km north-west of Luhansk)	Patrol
	1	Surface-to-air missile system (9K33 <i>Osa</i> )	Bakhmut (formerly Artemivsk 67km north of Donetsk)	

### **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>				
29/04/2020	2	Mine layer (GMZ-3)	In a compound in Popasna (69km west of Luhansk)	Long-range UAV
	1	Probable armoured combat vehicle		
	1	Combat engineering vehicle (IMR-2)		
	1	Armoured personnel carrier (MT-LB M)	Near Troitske (69km west of Luhansk)	
	1	Anti-aircraft gun (ZU-23, 23mm)		
	1	Armoured combat vehicle	Near Novohnativka (40km south of Donetsk)	
	2	Armoured reconnaissance vehicle (probable BRDM-2)		
	1	Infantry fighting vehicle (BMP-1)	In a compound in Dolynivka (31km west of Donetsk)	

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

	1	Armoured personnel carrier (AT-105 Saxon)	In a residential area of Maksymilianivka (30km west of Donetsk)	
30/04/2020	2	Armoured personnel carrier (MT-LB)	Near Novozvanivka (70km west of Luhansk)	
	2	Infantry fighting vehicle (one BMP-1 and one probable)	Near Taramchuk (29km south-west of Donetsk)	
	1	Armoured combat vehicle	Near Krasnohorivka (21km west of Donetsk)	
<b>Non-government-controlled areas</b>				
30/04/2020	2	Armoured combat vehicle	In a training area near Khoroshe (36km west of Luhansk)	Long-range UAV

**Table of ceasefire violations as of 1 May 2020<sup>10</sup>**

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-4km ESE	Recorded	1	Projectile	NNE to SSW	N/K	30-Apr, 20:10
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	30-Apr, 20:30
	2-4km ESE	Recorded	9	Projectile	NW to SE (also recorded by the SMM camera near DFS)	N/K	30-Apr, 21:20
	2-4km ESE	Recorded	1	Projectile	SSE to NNW (also recorded by the SMM camera near DFS)	N/K	30-Apr, 21:20
	2-4km ESE	Recorded	1	Explosion	Outgoing	N/K	30-Apr, 21:20
	2-4km ESE	Recorded	1	Projectile	S to N (subsequent to previous event)	N/K	30-Apr, 21:20
	2-4km ESE	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	30-Apr, 21:20
	2-4km ESE	Recorded	3	Muzzle flash		N/K	1-May, 03:01
SMM camera 2km E of Bohdaniivka (government-controlled, 41km SW of Donetsk)	3-5km ESE	Recorded	3	Projectile	NNW to SSE (unable to be assessed as inside or outside the disengagement area near Petrivske)	N/K	30-Apr, 22:24
	3-5km ESE	Recorded	1	Projectile	SW to NE (unable to be assessed as inside or outside the disengagement area near Petrivske)	N/K	30-Apr, 22:36
	3-5km ESE	Recorded	13	Projectile	N to S (unable to be assessed as inside or outside the disengagement area near Petrivske)	N/K	30-Apr, 23:48
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	30-Apr, 20:09
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SSW	Recorded	1	Projectile	WSW to ENE (also recorded by the SMM camera in Avdiivka)	N/K	30-Apr, 20:16
	1-2km SSW	Recorded	1	Projectile	WNW to ESE (also recorded by the SMM camera in Avdiivka)	N/K	30-Apr, 20:16
	1-2km S	Recorded	1	Projectile	In vertical flight (also recorded by	N/K	30-Apr, 20:30

<sup>10</sup> The table only includes ceasefire violations directly observed by the 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.

					the SMM camera in Avdiivka)		
	1-2km SSW	Recorded	1	Projectile	E to W (also recorded by the SMM camera in Avdiivka)	N/K	30-Apr, 21:19
	1-2km SSW	Recorded	4	Projectile	E to W (also recorded by the SMM camera in Avdiivka)	N/K	30-Apr, 21:28
	1-2km SSW	Recorded	2	Projectile	W to E (also recorded by the SMM camera in Avdiivka)	N/K	30-Apr, 21:41
	1-2km S	Recorded	1	Explosion	Undetermined	N/K	30-Apr, 22:10
	1-2km S	Recorded	1	Projectile	In vertical flight (also recorded by the SMM camera in Avdiivka)	N/K	30-Apr, 23:17
	1-2km SSW	Recorded	3	Explosion	Undetermined(also recorded by the SMM camera in Avdiivka)	N/K	30-Apr, 23:17
	1-2km S	Recorded	1	Projectile	NW to SE (also recorded by the SMM camera in Avdiivka)	N/K	30-Apr, 23:27
	1-2km S	Recorded	18	Projectile	W to E (also recorded by the SMM camera in Avdiivka)	N/K	30-Apr, 23:27
	1-2km S	Recorded	1	Projectile	WNW to ESE (also recorded by the SMM camera in Avdiivka)	N/K	1-May, 01:08
	1-2km SSW	Recorded	1	Projectile	E to W (also recorded by the SMM camera in Avdiivka)	N/K	1-May, 01:25
	1-2km S	Recorded	3	Projectile	E to W (also recorded by the SMM camera in Avdiivka)	N/K	1-May, 01:27
	1-2km S	Recorded	3	Projectile	WNW to ESE (also recorded by the SMM camera in Avdiivka)	N/K	1-May, 02:09
	1-2km S	Recorded	8	Projectile	WNW to ESE (also recorded by SMM camera in Avdiivka)	N/K	1-May, 02:41
	1-2km S	Recorded	3	Projectile	WNW to ESE (also recorded by the SMM camera in Avdiivka)	N/K	1-May, 03:01
	0.5-1km S	Recorded	14	Projectile	W to E	N/K	1-May, 04:24
	0.5-1km SSE	Recorded	1	Projectile	W to E	N/K	1-May, 04:24
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	3-5km ESE	Recorded	5	Projectile	SW to NE	N/K	30-Apr, 22:22
SMM camera in Petrivske (non-government-	500m-800m SW	Recorded	1	Explosion	Undetermined (assessed as inside	N/K	30-Apr, 17:45

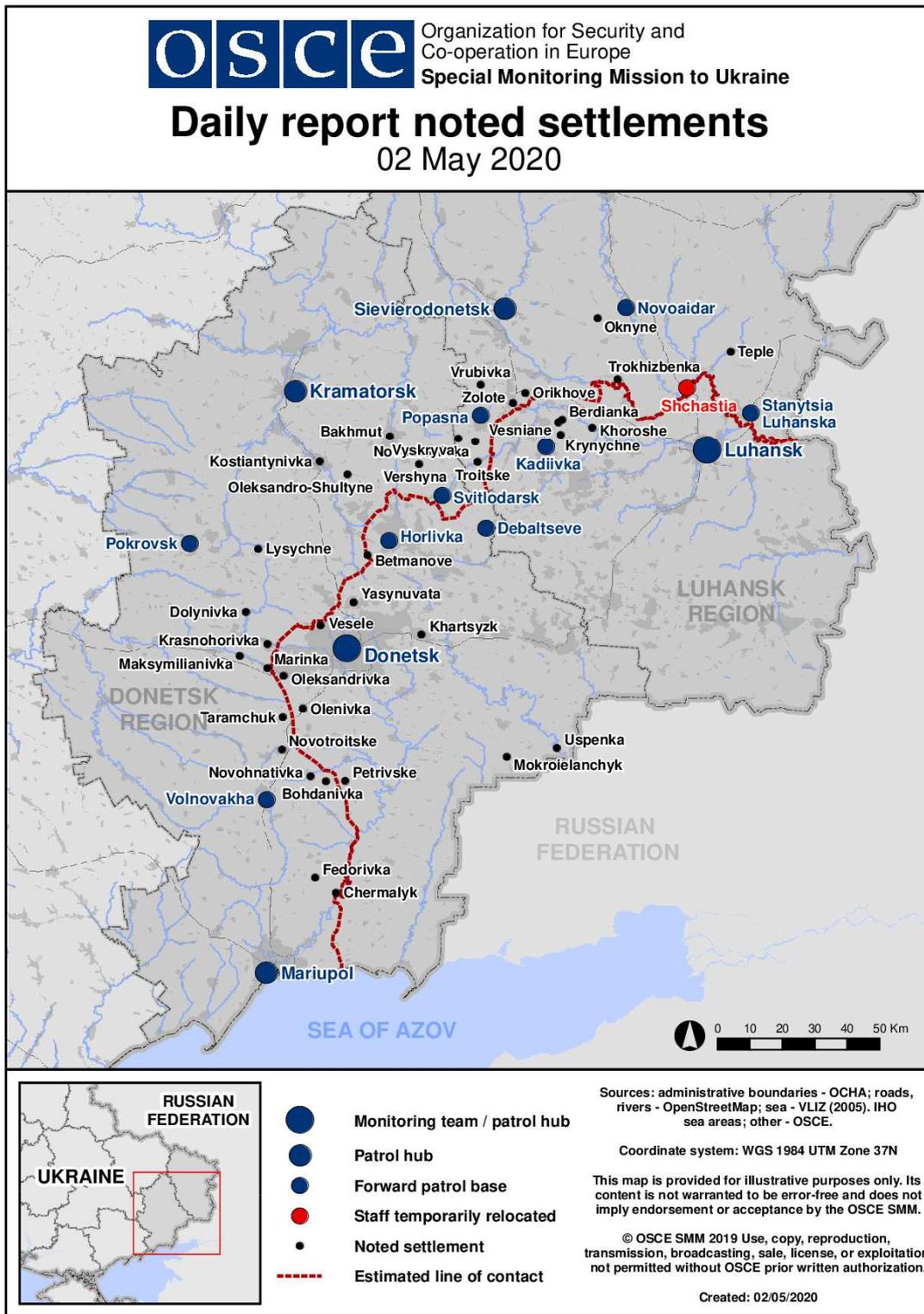
controlled, 41km S of Donetsk)					the disengagement area)		
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km WSW	Recorded	20	Projectile	SE to NW	N/K	30-Apr, 21:02
	3-5km WSW	Recorded	1	Muzzle flash	De-conflicted	N/K	30-Apr, 21:46
	3-5km WSW	Recorded	1	Projectile	NE to SW (subsequent to previous event)	N/K	30-Apr, 21:46
	3-5km WSW	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	30-Apr, 21:46
	3-5km WSW	Recorded	9	Projectile	SE to NW	N/K	30-Apr, 21:59
	3-5km WSW	Recorded	17	Projectile	N to S	N/K	30-Apr, 22:16
	3-5km WSW	Recorded	1	Muzzle flash		N/K	30-Apr, 22:52
	3-5km WSW	Recorded	3	Muzzle flash		N/K	30-Apr, 22:53
	3-5km WSW	Recorded	1	Muzzle flash		N/K	30-Apr, 22:54
	3-5km WSW	Recorded	1	Projectile	WSW to ENE	N/K	30-Apr, 22:56
	5-7km WSW	Recorded	1	Explosion	Undetermined	N/K	1-May, 01:08
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	3-5km WSW	Heard	5	Explosion	Undetermined (assessed as within 5km radius of DFS)	N/K	1-May, 10:00-10:06
	3-5km WSW	Heard and saw	2	Explosion	Impact (assessed as within 5km radius of DFS)	N/K	1-May, 10:00-10:06
	1-2km NW	Heard	2	Shot	Assessed as within 5km radius of DFS	Small arms	1-May, 10:07
	1-2km NW	Heard	9	Shot	Assessed as within 5km radius of DFS	Small arms	1-May, 10:37-10:39
	1-2km N	Heard	13	Burst	Assessed as within 5km radius of DFS	Small arms	1-May, 10:51
	1-2km NW	Heard	22	Shot	Assessed as within 5km radius of DFS	Small arms	1-May, 10:53-11:02
About 1km N of railway station in Donetsk city (6km NW of Donetsk city centre)	1-2km N	Heard	1	Explosion	Undetermined	N/K	1-May, 14:19
About 1km S of Vesele (non-government-controlled, 9km NW of Donetsk)	2-4km NW	Heard	4	Explosion	Undetermined	N/K	1-May, 10:44-11:00
	2-4km NW	Heard	32	Shot		Small arms	1-May, 10:44-11:00
	2-4km NW	Heard	14	Shot		Small arms	1-May, 11:00-11:37
	2-4km NW	Heard	8	Burst		HMG	1-May, 11:00-11:37
	2-4km NW	Heard	12	Shot		Small arms	1-May, 11:37-12:00
	2-4km NW	Heard	12	Shot		Small arms	1-May, 12:00-12:33
	2-4km NW	Heard	2	Burst		HMG	1-May, 12:00-12:30
	2-4km NW	Heard	3	Explosion	Undetermined	N/K	1-May, 12:00-12:30
	2-4km NW	Heard	57	Shot		Small arms	1-May, 12:33-13:07
	2-4km NW	Heard	6	Burst		Small arms	1-May, 12:33-13:07

	3-5km NW	Heard	15	Shot		Small arms	1-May, 13:07-14:00
	3-5km NW	Heard	8	Burst		Small arms	1-May, 13:07-14:00
	3-5km NW	Heard	1	Explosion	Undetermined	N/K	1-May, 13:07-14:00
About 1km E of Holmivskiyi (non-government-controlled, 49km NE of Donetsk)	1-2km W	Heard	12	Shot		AGL	1-May, 14:26
About 2km SE of Lebedynske (government-controlled, 99km S of Donetsk)	2-3km E	Heard	1	Explosion	Undetermined	N/K	1-May, 11:49
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	2-4km S	Heard	2	Explosion	Undetermined (assessed as within 5km radius of DFS)	N/K	1-May, 10:00
About 2km WNW of Pisky (government-controlled, 12km NW of Donetsk)	5-6km N	Heard	1	Explosion	Undetermined	N/K	1-May, 12:30
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-3km E	Heard	1	Explosion	Undetermined	N/K	30-Apr, 20:47
	2-3km SE	Heard	2	Burst		HMG	30-Apr, 20:50
	2-3km SE	Heard	4	Explosion	Undetermined	N/K	30-Apr, 20:53-20:54
	3-4km E	Heard	12	Explosion	Undetermined	N/K	30-Apr, 21:24-21:35
	4-6km SE	Heard	5	Explosion	Undetermined	N/K	30-Apr, 21:37
	2-4km SE	Heard	5	Explosion	Undetermined	N/K	30-Apr, 21:43-21:46
	4-6km SE	Heard	3	Explosion	Undetermined	N/K	30-Apr, 21:50-21:57
	2-4km E	Heard	39	Explosion	Undetermined	N/K	30-Apr, 22:53-23:08
	2-4km E	Heard	5	Burst		HMG	30-Apr, 23:04
	2-6km NW	Heard	57	Explosion	Undetermined	N/K	1-May, 00:34-01:53
About 7.5km WNW of Horlivka (non-government-controlled, 39km NE of Donetsk)	3-4km NW	Heard	1	Explosion	Undetermined	N/K	1-May, 13:02
About 6km NW of Horlivka (non-government-controlled, 39km NE of Donetsk)	3-4km NW	Heard	1	Explosion	Undetermined	N/K	1-May, 13:47
About 6km N of Horlivka (non-government-	3-5km NNE	Heard	4	Explosion	Undetermined	N/K	1-May, 14:38-15:03

controlled, 39km NE of Donetsk)							
SMM camera in Kriakivka (government- controlled, 38km NW of Luhansk)	3-5km SW	Recorded	1	Explosion	Undetermined	N/K	30-Apr, 21:06
N edge of Popasna (government- controlled, 69km W of Luhansk)	5-10km SSE	Heard	16	Explosion	Undetermined	N/K	30-Apr, 20:42-20:51
	7-10km S	Heard	25	Explosion	Undetermined	N/K	30-Apr, 21:12-21:17
	1-2km SSE	Heard	25	Shot		N/K	1-May, 05:36-05:53
	1-2km SSE	Heard	15	Burst		Small arms	1-May, 05:36-05:53
	7-8km NE	Heard	35	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	1-May, 05:36-05:53
	7-8km NE	Heard	10	Burst	Assessed as outside the disengagement area near Zolote	Small arms	1-May, 05:36-05:53
	5-8km ESE	Heard	60	Burst	Assessed as outside the disengagement area Zolote	HMG	1-May, 05:36-05:53
	5-8km ESE	Heard	3	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	1-May, 05:36-05:53
	1-2km ESE	Heard	25	Shot		Small arms	1-May, 05:36-05:53
	5-7km ESE	Heard	20	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	1-May, 06:02-06:15
	8-10km NW	Heard	5	Explosion	Undetermined	N/K	1-May, 11:05-11:08
	5-7km ESE	Heard	15	Burst	Assessed as outside the disengagement area near Zolote	HMG	1-May, 06:02-06:15
	S edge of Popasna (government- controlled, 69km W of Luhansk)	5-8km NE	Heard	1	Explosion	Undetermined	
3km north of Pervomaisk (non- government- controlled, 58km W of Luhansk)	5-8km WSW	Heard	30	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	1-May, 11:18-11:53
	5-8km WSW	Heard	6	Burst	Assessed as outside the disengagement area	HMG	1-May, 11:18-11:53
	3-5km W	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	1-May, 11:18-11:53

	3-4km NW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	HMG	1-May, 12:04-12:19
	3-4km NE	Heard	4	Shot	Assessed as outside the disengagement area	Small arms	1-May, 12:04-12:19
Zolote-3/Stakhanovets (government-controlled, 61km W of Luhansk)	3-5km SW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	1-May, 11:33
N edge of Sentianivka (formerly Frunze, non-government-controlled, 44km W of Luhansk)	8-10km NW	Heard	32	Explosion	Undetermined	N/K	1-May, 11:45-12:00
	8-10km NW	Heard	26	Burst		HMG	1-May, 11:45-12:00
	1-2km NNW	Heard	15	Shot		Small arms	1-May, 12:24-12:27
1.4km N of Trokhizbenka (government-controlled, 32km NW of Luhansk)	1-1.5km N	Heard	3	Shot	Assessed as live-fire exercise	Small arms	1-May, 11:47-11:49
1.6km NNW of Oleksandropillia (government-controlled, 71km W of Luhansk)	8-10km NNW	Heard	5	Explosion	Undetermined	N/K	1-May, 12:32-12:47
Vrubivka (government-controlled, 72km W of Luhansk)	6-8km NW	Heard	3	Explosion	Undetermined	N/K	1-May, 13:00-13:10
SW edge of Berezivske (non-government-controlled, 53km NW of Luhansk)	4-6km NNW	Heard	4	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	1-May, 13:18-13:25
	1-2km SE	Heard	5	Explosion	Outgoing	N/K	1-May, 13:18-13:25

### 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 has temporarily relocated based on recommendations of security experts from participating States as well as SMM security considerations. The SMM uses the premises during daylight hours and patrols in this settlement during daylight hours, as well).