



# Daily Report 57/2020

9 March 2020<sup>1</sup>

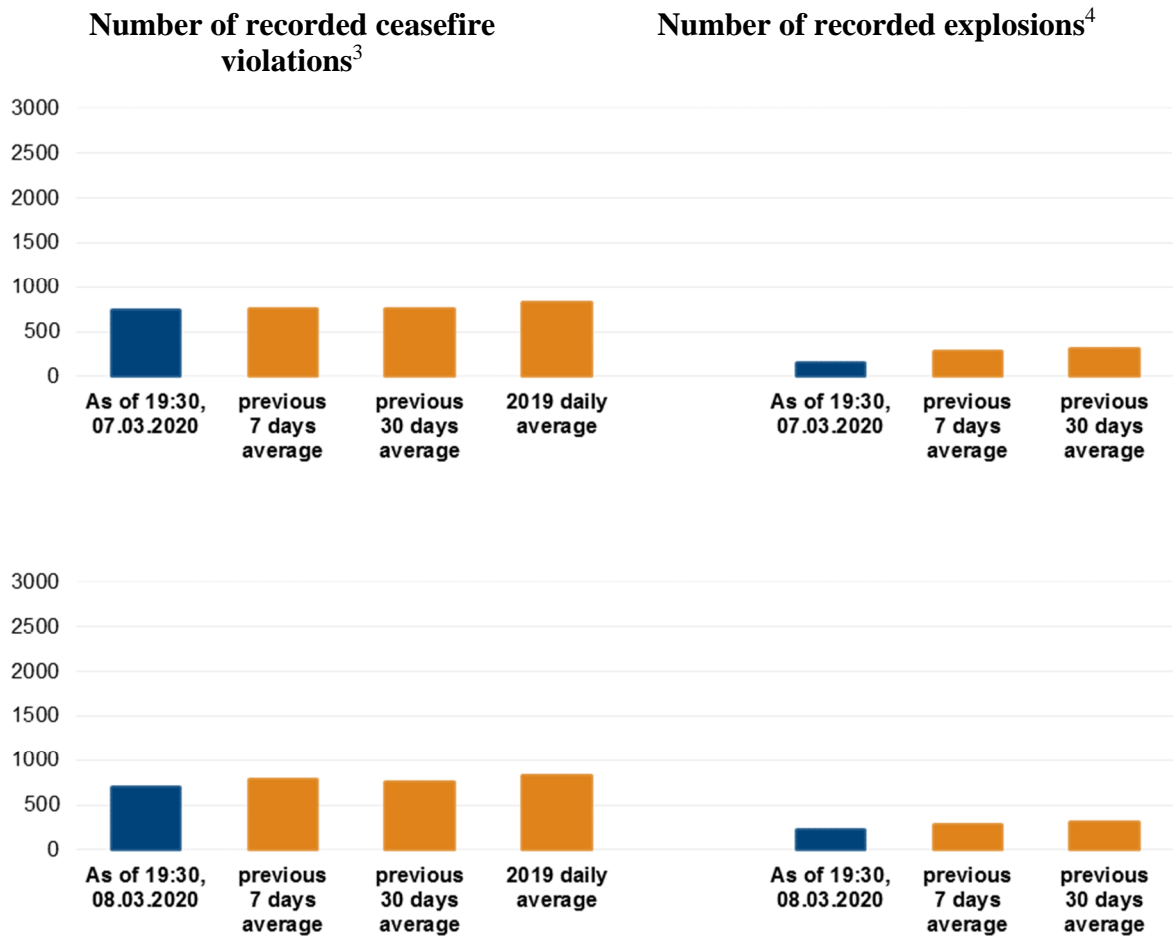
## Summary

- Compared with the previous reporting period, between the evenings of 6 and 7 March, the SMM recorded fewer ceasefire violations in Donetsk region and more in Luhansk region.
- Between the evenings of 7 and 8 March, the Mission recorded fewer ceasefire violations in Donetsk region and more in Luhansk region, compared with the previous 24 hours.
- The SMM followed up on reports of a man injured by a bullet in Olenivka.
- The Mission observed a calm situation in the Stanytsia Luhanska disengagement area. It saw deminers of the State Emergency Service of Ukraine enter the Zolote disengagement area and recorded ceasefire violations inside the Petrivske disengagement area.
- The SMM saw mines and unexploded ordnance on both sides of the contact line, including near roads used daily by civilians.
- The SMM facilitated a localized ceasefire to enable repairs to power lines between Dovhe and Zhovte.
- The Mission's freedom of movement continued to be restricted, including at checkpoints of the armed formations near Donetsk city and Zaichenko in southern Donetsk region, and at a border crossing point in non-government-controlled Izvaryne in Luhansk region.

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<sup>1</sup> Based on information from the Monitoring Teams as of 19:30, 8 March 2020. All times are in Eastern European Time.

**Ceasefire violations<sup>2</sup>**



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

<sup>3</sup> Including explosions.

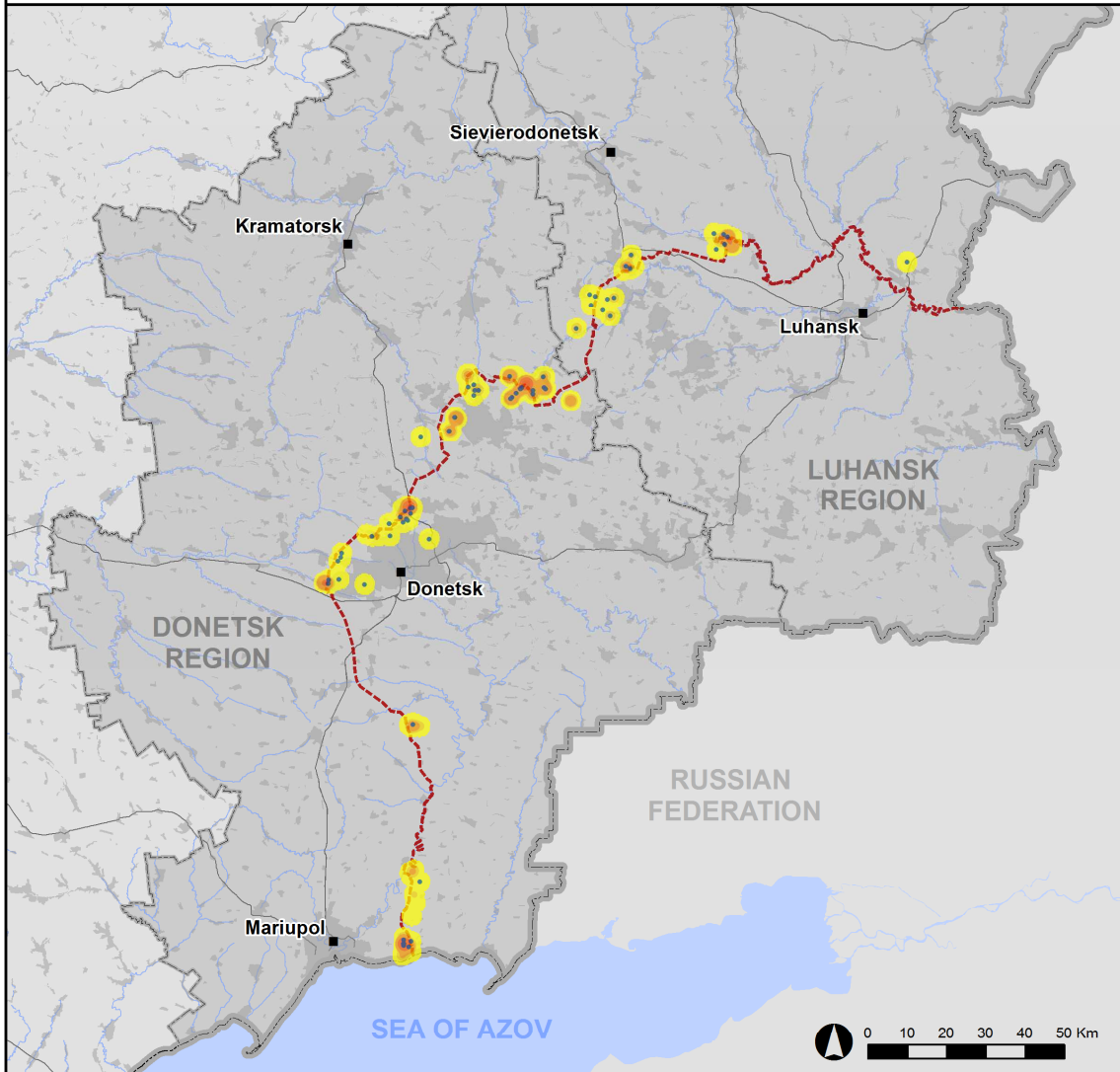
<sup>4</sup> Including from unidentified weapons.

### Map of recorded ceasefire violations

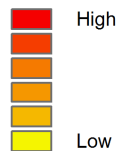


Organization for Security and  
Co-operation in Europe  
Special Monitoring Mission to Ukraine

## Ceasefire violations observed by the SMM 7-8 March 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: 09/03/2020

In Donetsk region, between the evenings of 6 and 7 March, the SMM recorded fewer ceasefire violations, including fewer explosions (about 115), compared with the [previous reporting period](#) (about 290 explosions). The majority of ceasefire violations, including the majority of explosions, were recorded at south-westerly and south-easterly directions of Svitlodarsk (government-controlled, 57km north-east of Donetsk), at southerly directions of the Donetsk Filtration Station (DFS) (15km north of Donetsk) and at northerly directions of Shyrokyne (government-controlled, 100km south of Donetsk).

Between the evenings of 7 and 8 March, the Mission recorded fewer ceasefire violations, including, however, more explosions (about 150), compared with the previous 24 hours. The majority of ceasefire violations were recorded at southerly directions of Svitlodarsk, at north-westerly directions of Horlivka (non-government-controlled, 39km north-east of Donetsk) and at northerly directions of Shyrokyne.

In Luhansk region, between the evenings of 6 and 7 March, the SMM recorded more ceasefire violations, including more explosions (30), compared with the [previous reporting period](#) (five explosions). The majority of ceasefire violations, including 50 per cent of the explosions, were recorded at south-westerly directions of Kriakivka (government-controlled, 38km north-west of Luhansk) and at southerly directions of Popasna (government-controlled, 69km west of Luhansk).

Between the evenings of 7 and 8 March, the Mission recorded more ceasefire violations, including more explosions (50), compared with the previous 24 hours. The majority of ceasefire violations, including the majority of explosions, were recorded at southerly and south-westerly directions of Kriakivka, at westerly directions of Kadiivka (formerly Stakhanov, non-government-controlled, 50km west of Luhansk) and in areas east of Zolote (government-controlled, 60km west of Luhansk).

### **Man injured by bullet near non-government-controlled Olenivka**

The Mission followed up on reports of a man (aged 60) injured by a bullet near Olenivka (non-government-controlled, 23km south-west of Donetsk). On 7 March, the man told the SMM on the phone that on 28 February he was returning from government-controlled areas with a mini-van. The man said that the mini-van had stopped near the checkpoint of the armed formations near Olenivka as the driver was changing the licence plates when they heard an explosion nearby and also an impact on the mini-van's exterior and then he realized he had sustained an injury to his lower left leg. On the same day, medical staff at a hospital in Donetsk city told the SMM that on 28 February, a 60-year old man had arrived at the hospital with a non-life-threatening wound to the soft tissue of his lower leg and that they had found a bullet in the man's sock.

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

On 7-8 March, the SMM observed a calm situation in the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk). It saw several members of the armed formations (wearing armbands with "JCCC" written on them)

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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.

between the new span of the Stanytsia Luhanska bridge (15km north-east of Luhansk) and their checkpoint south of the bridge.

On 6 March, an SMM long-range unmanned aerial vehicle (UAV) spotted a trench digger (PZM-3) and three members of the Ukrainian Armed Forces, about 90m outside of the northern edge of the **disengagement area near Zolote**.

On 7 March, the SMM camera in Zolote recorded four projectiles, an illumination flare and 16 undetermined explosions, all at an assessed range of 2-4km east. While positioned at three locations near the disengagement area on the same day, the Mission heard eight undetermined explosions and six bursts of heavy-machine-gun fire. All of the above ceasefire violations were assessed as outside the disengagement area but within 5km of its periphery.

On the morning of 7 March, the SMM saw a vehicle with four deminers of the State Emergency Service of Ukraine arrive at the northern edge of the Zolote disengagement area and then drive in the direction of Katerynivka (government-controlled, 64km west of Luhansk), inside the disengagement area. On the afternoon of the same day, the SMM saw deminers exit the disengagement area.

On 7 and 8 March, the SMM saw several members of the armed formations (wearing armbands with "JCCC" written on them) near the southern edge of the disengagement area.

On the night of 4-5 March, the SMM camera in Petrivske (non-government-controlled, 41km south of Donetsk) recorded five projectiles at assessed ranges of 100-200m and 300-800m in south-westerly directions, assessed as inside the **disengagement area near Petrivske**. On the night of 5-6 March, the SMM camera in Petrivske recorded 19 projectiles at an assessed range of 0.5-2km west-south-west and south-south-west, all assessed as inside the disengagement area.<sup>6</sup>

On 7 March, while positioned about 1.8km north of Petrivske, the SMM heard ten shots of small-arms fire at an assessed range of 2-3km south-south-east, assessed as outside the disengagement area.

### **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.

The SMM saw six weapons in violation of withdrawal lines on both sides of the contact line (for further details, see the table below).

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

The Mission observed infantry fighting vehicles and armoured personnel carriers on both sides of the contact line, including in residential areas (for further details, see the table below).

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<sup>6</sup> The delay in reporting is due to manual downloading of data from the SMM camera in Petrivske.

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

## Presence of mines and unexploded ordnance near roads used by civilians

On 6 March, an SMM mini-UAV again spotted at least 12 anti-tank mines (TM-62) and spotted for the first time at least 28 anti-tank mines (TM-62), all laid out in several locations across and near the road between Starohnativka (government-controlled, 51km south of Donetsk) and Bila Kamianka (non-government-controlled, 51km south of Donetsk), and all assessed as belonging to the Ukrainian Armed Forces.<sup>8</sup> Approximately 1km further east of these mines the UAV again spotted at least 15 additional anti-tank mines along the same road and at least 100 anti-tank mines stretching southwards in an adjacent field, all assessed as belonging to the armed formations.<sup>9</sup>

On 7 March, the SMM [again](#) saw an 82mm mortar shell (including a fuse) lying in a field about 10m north of the road between Pyschchivky (government-controlled, 84km south of Donetsk) and Verkhnohshyrokyvske (formerly Oktiabr, non-government-controlled, 85km south of Donetsk) which is used daily by civilians to cross the contact line.

On 7 March, the Mission observed that an anti-personnel mine (MON-200), [previously observed](#) on road T-0504 about 1km south-east of the eastern edge of Popasna, had been removed.

Also on 7 March, in a field about 20m from the road junction to Novooleksandrivka (government-controlled, 65km west of Luhansk), the SMM observed two used cartridges of 122mm artillery shells and, on the northern side of the road close to the junction, it observed for the first time remnants of a burned anti-personnel mine (MON-50). About 70m east of the same road junction, the SMM observed for the first time a piece of unexploded ordnance (UXO) assessed as an anti-tank rocket (PG-7 40mm) lying 10-15m from the northern side of the road. About 230m east-south-east of the junction, an SMM mini-UAV spotted for the first time at least 152 anti-tank mines in the field south of road T-0504.

About 1.8km east of the eastern edge of Popasna, the SMM saw for the first time two rockets of a rocket-propelled grenade launcher (RPG-18 *Mukha*), assessed as explosive remnants of war, lying on the road.

About 1.7km south-west of Molodizhne (non-government-controlled, 63km north-west of Luhansk), the SMM observed for the first time two 120mm mortar rounds without fuses lying on the grass near the road close to the checkpoint of the armed formations.

## Repair and maintenance of critical civilian infrastructure

On 7 March, the SMM facilitated and monitored adherence to a localized ceasefire to enable repairs to power lines between Dovhe (non-government-controlled, 22km north-west of Luhansk) and Zhovte (non-government-controlled, 17km north-west of Luhansk). On 7-8 March, the SMM continued to facilitate the operation of the DFS.

## Border areas outside government control

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<sup>8</sup> For previous observations, see SMM Daily Reports of 2 April 2018 and 7 June 2019.

<sup>9</sup> For previous observations see SMM Daily Reports of 29 June 2018 and 7 May 2019.

On 7 March, while at a border crossing point near Marynivka (78km east of Donetsk), for about 15 minutes, the SMM saw 14 cars (two with Ukrainian, nine with Russian Federation and one with Polish licence plates, and two with “DPR” plates), three covered cargo trucks (one with Ukrainian licence plates and two with “DPR” plates), one mini-van (with “DPR plates”) and ten pedestrians (mixed ages and genders) entering Ukraine. The Mission also saw 32 cars (five with Ukrainian, ten with Russian Federation and one with Polish licence plates, as well as 15 with “DPR” and one with “LPR” plates) and a covered cargo truck with “DPR” plates exiting Ukraine.

On 7 March, while at a pedestrian border crossing point in Verkhnoharasymivka (57km south-east of Luhansk), the SMM saw eight pedestrians entering and five (mixed ages and genders) exiting Ukraine.

On 7 March, while at a border crossing point in Izvaryne (52km south-east of Luhansk) for about 15 minutes, the SMM saw 24 cars (two with Ukrainian and 12 with Russian Federation licence plates, and ten with “LPR” plates) and 14 pedestrians (mixed genders and ages) queuing to exit Ukraine. About ten minutes after its arrival, a member of the armed formations told the SMM to leave the area.\*

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, 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 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 of access:

- On 7 and 8 March, in Donetsk city, a member of the armed formations denied the SMM access to its regular observation post at the central railway station, citing “orders from superiors”.
- On 7 and 8 March, at a checkpoint north of Zaichenko (non-government-controlled, 93km south of Donetsk), armed members of the armed formations denied the SMM passage towards Pikuzy (formerly Kominternove, non-government-controlled, 92km south of Donetsk) and Sakhanka (non-government-controlled, 97km south of Donetsk), citing “ongoing demining activities in the area” and “ongoing engineering works”. On 7 March, the SMM saw five civilian cars passing through in both directions.

- On 7 March, at a checkpoint on the eastern edge of Starolaspa (non-government-controlled, 51km south of Donetsk), a member of the armed formations denied the Mission access, citing “ongoing operations” in the area.
- On 7 March, at a border crossing point in Izvaryne (non-government-controlled, 52km south-east of Luhansk), a member of the armed formations told the SMM to leave the area.
- On 8 March, while at a checkpoint west of Bezimenne (non-government-controlled, 100km south of Donetsk), a member of the armed formations denied the Mission passage westwards.
- On 8 March, at a checkpoint in Novoazovsk (non-government-controlled, 102km south-east of Donetsk), an armed member of the armed formations denied the SMM passage, citing “ongoing training activities”.

*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 6 March, an SMM long-range UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas between Kostiantynivka (government-controlled, 60km north of Donetsk) and Shcherbynivka (government-controlled, 44km north of Donetsk), Sukha Balka (government-controlled, 36km north of Donetsk) and Petrivske (non-government-controlled, 41km south of Donetsk), and between Alchevsk (non-government-controlled, 40km west of Luhansk) and Lozivskiyi (non-government-controlled, 32km west of Luhansk).<sup>10</sup>
- On 7 March, on two occasions, an SMM mini-UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas near Lebedynske (government-controlled, 99km south of Donetsk).<sup>11</sup>
- On 7 March, an SMM mid-range-UAV experienced dual GPS failure, assessed as caused by jamming, while flying over areas near Lebedynske.<sup>12</sup>

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<sup>10</sup> The interference could have originated from anywhere within the radius of kilometres from the UAVs’ positions.

<sup>11</sup> Ibid.

<sup>12</sup> Ibid.



## Table of weapons

### Weapons in violation of the withdrawal lines

Date	No. of weapons	Type of weapon	Location	Source of observation
<b>Government-controlled areas</b>				
07/03/2020	1	Surface-to-air missile system (9K33 <i>Osa</i> )	Stationary, in a residential area in Vidrozhennia (66km north-east of Donetsk)	Patrol
<b>Non-government-controlled areas</b>				
06/03/2020	2	Mortar (2B11 <i>Sani</i> , 120mm)	Near Vesela Hora (16km north of Luhansk)	Mini-UAV
	3	Multiple launch rocket system (BM-21 <i>Grad</i> , 122mm)	Near Pokrovka (36km east of Donetsk)	

### Beyond withdrawal lines but outside of designated storage sites

Date	No. of weapons	Type of weapon	Location	Source of observation
<b>Non-government-controlled areas</b>				
06/03/2020	9	Tank (four T-64 and five T-72)	Near Pokrovka	Mini-UAV
	2	Towed howitzer (D-30, <i>Lyagushka</i> , 122mm)		

### Table of indications of military and military-type presence in the security zone<sup>13</sup>

Date	No.	Type	Location	Source of observation
<b>Government-controlled areas</b>				
05/03/2020	1	Probable infantry fighting vehicle (BMP-1)	Near Lobacheve (17km north-west of Luhansk)	Mini-UAV
06/03/2020	1	Armoured combat vehicle (type unknown)	Near Starohnativka (51km south of Donetsk)	
07/03/2020	1	Armoured personnel carrier (BTR-70)	Near Novobakhmutivka (28km north of Donetsk)	Patrol
	1	Infantry fighting vehicle (BMP-1)	In and near Luhanske (59km north-east of Donetsk)	
	2	Armoured personnel carrier (BTR variant)		
	3	Armoured personnel carrier (probable BTR-80)	Near Myronivka (64km north-east of Donetsk)	
06/03/2020	2	Probable armoured combat vehicle (type unknown)	Near Panteleimonivka (34km north of Donetsk)	Long-range UAV
	5	Infantry fighting vehicle (BMP-1)	In a residential area of Nevelske (18km north-west of Donetsk)	
	1	Armoured personnel carrier (MT-LB)		
	1	Armoured reconnaissance vehicle (BRDM-2)		
	1	Armoured combat vehicle (type unknown)	Near a residential area in Marinka (23km south-west of Donetsk)	
	2	Infantry fighting vehicle (BMP-1)		

<sup>13</sup> The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

	1	Armoured reconnaissance vehicle (BRM-1K)	Near Berezove (31km south-west of Donetsk)	
	1	Probable armoured personnel carrier (MT-LB)	In a residential area in Novotroitske (36km south-west of Donetsk)	
	1	Probable infantry fighting vehicle (BMP variant)	Near Novohnativka (40km south of Donetsk)	
	4	Infantry fighting vehicle (three BMP-2 and one BMP variant)	Near Krymske (42km north-west of Luhansk)	
	1	Armoured combat vehicle (type unknown)		
	1	Infantry fighting vehicle (BMP-1)	Near Novotoshkovske (53km west of Luhansk)	
	1	Trench digger (PZM-3)	Near a residential area in Zolote-4/Rodina (60km north-west of Luhansk)	
	2	Probable infantry fighting vehicle (BMP-1)	Near a residential area in Novooleksandrivka (65km west of Luhansk)	
	1	Armoured reconnaissance vehicle (BRDM-2)	Near Dylivka (52km north of Donetsk)	
	8	Infantry fighting vehicle (BMP-1)		
07/03/2020	1	Anti-aircraft gun (ZU-23, 23mm)	Near Muratove (51km north-west of Luhansk)	Patrol
08/03/2020	1	Infantry fighting vehicle (BTR-3)	Near a residential area in Kodema (57km north-east of Donetsk)	
08/03/2020	1	Infantry fighting vehicle (BTR-3)	Near Stepove (30km north-east of Luhansk)	
06/03/202	1	Self-propelled anti-aircraft system (ZSU-23-4 <i>Shilka</i> , 23mm)	Near Starohnativka	Mini-UAV
<b>Non-government-controlled areas</b>				
05/03/2020	2	Infantry fighting vehicle (BMP-1)	Near Zhovte (17km north-west of Donetsk)	Mini-UAV
	1	Heavy utility vehicle with anti-aircraft gun (ZU-23, 23mm) Probable armoured combat vehicle (type unknown)		
06/03/2020	1	Infantry fighting vehicle (BMP-1)	In a residential area in Novolaspa (50km south of Donetsk)	Mini-UAV
	2	Probable infantry fighting vehicle (BMP variant)	Near Bila Kamianka (51km south of Donetsk)	Mid-range UAV
	1	Armoured combat vehicle (type unknown)	Near Styla (34km south of Donetsk)	Long-range UAV
	2	Armoured combat vehicle (type unknown)	Near Dovhe (22km north-west of Luhansk)	
	1	Armoured personnel carrier (MT-LB)		
	1	Infantry fighting vehicle (BMP variant)	Near Pakhalivka (40km west of Luhansk)	
	1	Infantry fighting vehicle (BMP variant)	Near Sentianivka (formerly Frunze, 44km west of Luhansk)	
	1	Armoured combat vehicle (type unknown)	Near Molodizhne (63km north-west of Luhansk)	

**Table of ceasefire violations as of 8 March 2020<sup>14</sup>**

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	4-5km SE	Recorded	1	Explosion	Undetermined	N/K	6-Mar, 20:51
	2-4km ESE	Recorded	6	Projectile	SW to NE	N/K	6-Mar, 20:55
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	6-Mar, 20:56
	2-4km SE	Recorded	14	Projectile	N to S	N/K	6-Mar, 20:56
	4-5km SE	Recorded	1	Explosion	Undetermined, also recorded by Oktiabr Mine camera	N/K	6-Mar, 21:11
	4-6km SE	Recorded	1	Explosion	Undetermined	N/K	6-Mar, 21:15
	4-5km ESE	Recorded	1	Explosion	Undetermined	N/K	6-Mar, 21:27
	2-4km ESE	Recorded	1	Projectile	N to S	N/K	6-Mar, 21:27
	2-4km ESE	Recorded	4	Projectile	NNE to SSW	N/K	6-Mar, 21:28
	2-4km E	Recorded	7	Projectile	SW to NE	N/K	7-Mar, 00:05
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-4km SE	Recorded	2	Projectile	SW to NE	N/K	6-Mar, 19:28
	2-4km SE	Recorded	6	Projectile	SW to NE	N/K	6-Mar, 19:35
	2-4km SE	Recorded	3	Projectile	SW to NE	N/K	6-Mar, 21:34
	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	6-Mar, 21:45
	2-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	6-Mar, 22:14
	2-4km SSE	Recorded	4	Projectile	SW to NE	N/K	7-Mar, 02:57
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	4-6km SSW	Recorded	1	Explosion	Undetermined	N/K	6-Mar, 20:52
	1-3km SSW	Recorded	6	Projectile	ENE to WSW	N/K	6-Mar, 20:56
	0.5-1km SSW	Recorded	10	Muzzle flash	ENE to WSW	Small arms	6-Mar, 22:09
	0.5-1km SW	Recorded	1	Muzzle flash	ENE to WSW	Small arms	6-Mar, 22:10
	0.5-1km SW	Recorded	7	Muzzle flash	ENE to WSW	Small arms	6-Mar, 22:13
	0.5-1km SW	Recorded	1	Muzzle flash	ENE to WSW	Small arms	6-Mar, 22:14
	0.5-1km SW	Recorded	1	Burst	ENE to WSW (approximately 7 rounds)	Small arms	6-Mar, 22:18
	0.5-1km SW	Recorded	1	Burst	ENE to WSW (approximately 5 rounds)	Small arms	6-Mar, 22:53
	0.5-1km SW	Recorded	5	Burst	ENE to WSW (approximately 10 rounds each)	Small arms	6-Mar, 22:55
	0.5-1km SW	Recorded	2	Burst	ENE to WSW (approximately 10 rounds each)	Small arms	6-Mar, 22:56
	0.5-1km SW	Recorded	1	Burst	ENE to WSW (approximately 9 rounds)	Small arms	6-Mar, 22:57
	0.5-1km SW	Recorded	2	Muzzle flash		Small arms	7-Mar, 01:09
	0.5-1km SW	Recorded	2	Muzzle flash		Small arms	7-Mar, 01:10
	0.5-1km SW	Recorded	5	Burst	NE to SW (approximately 5 rounds each)	Small arms	7-Mar, 01:23
	0.5-1km SW	Recorded	12	Burst	NE to SW (approximately 4 rounds each)	Small arms	7-Mar, 01:24
	0.5-1km SW	Recorded	8	Burst	NE to SW (approximately 5 rounds each)	Small arms	7-Mar, 01:25
	0.5-1km SW	Recorded	10	Burst	NE to SW (approximately 10 rounds each)	Small arms	7-Mar, 01:26

<sup>14</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.

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	0.5-1km SW	Recorded	10	Burst	NE to SW (approximately 4 rounds each)	Small arms	7-Mar, 01:27
	0.5-1km SW	Recorded	9	Burst	NE to SW (approximately 3 rounds each)	Small arms	7-Mar, 01:28
	0.5-1km SW	Recorded	10	Burst	NE to SW (approximately 3 rounds each)	Small arms	7-Mar, 01:29
	0.5-1km SW	Recorded	5	Burst	NE to SW (approximately 3 rounds each)	Small arms	7-Mar, 01:30
	0.5-1km SW	Recorded	5	Burst	NE to SW (approximately 3 rounds each)	Small arms	7-Mar, 01:31
	0.5-1km SW	Recorded	2	Burst	NE to SW (approximately 5 rounds each)	Small arms	7-Mar, 01:32
	0.5-1km SW	Recorded	1	Burst	NE to SW (approximately 10 rounds)	Small arms	7-Mar, 03:50
	0.5-1km SW	Recorded	6	Burst	ENE to WSW (approximately 3 rounds each)	Small arms	7-Mar, 03:51
	0.5-1km SW	Recorded	1	Burst	ENE to WSW (approximately 9 rounds)	Small arms	7-Mar, 03:52
	0.5-1km SW	Recorded	3	Burst	ENE to WSW (approximately 3 rounds each)	Small arms	7-Mar, 03:53
	0.5-1.5km SSW	Recorded	3	Projectile	WNW to ESE	N/K	7-Mar, 18:33
	0.5-1.5km SSE	Recorded	1	Explosion	Undetermined	N/K	7-Mar, 18:33
	0.5-1.5km S	Recorded	2	Explosion	Undetermined	N/K	7-Mar, 18:34
	0.5-1.5km S	Recorded	1	Projectile	SW to NE	N/K	7-Mar, 18:34
SMM camera at entry-exit checkpoint in Hnutove (government-controlled, 84km S of Donetsk)	4-6km ENE	Recorded	1	Explosion	Undetermined	N/K	6-Mar, 23:07
	4-6km SE	Recorded	1	Muzzle flash		N/K	7-Mar, 00:24
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	1-3km ENE	Recorded	1	Explosion	Undetermined	N/K	6-Mar, 19:34
	2-5km NNE	Recorded	7	Projectile	N to S	N/K	6-Mar, 23:00
	2-5km ENE	Recorded	2	Explosion	Impact	N/K	6-Mar, 23:00
	3-6km NNE	Recorded	13	Projectile	N to S	N/K	6-Mar, 23:01
	2-5km ENE	Recorded	3	Explosion	Impact	N/K	6-Mar, 23:01
	2-5km ESE	Recorded	1	Projectile	N to S	N/K	7-Mar, 01:55
	2-5km E	Recorded	1	Explosion	Undetermined	N/K	7-Mar, 18:41
	2-5km E	Recorded	1	Explosion	Undetermined	N/K	7-Mar, 18:54
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km N	Recorded	1	Projectile	W to E	N/K	6-Mar, 21:21
	2-4km N	Recorded	19	Projectile	W to E	N/K	6-Mar, 21:24
	2-4km N	Recorded	22	Projectile	W to E	N/K	6-Mar, 21:25
	2-4km N	Recorded	3	Projectile	W to E	N/K	6-Mar, 21:26
	2-4km NNE	Recorded	3	Projectile	SE to NW	N/K	6-Mar, 21:28
	2-4km N	Recorded	15	Projectile	SW to NE	N/K	6-Mar, 21:31
	2-4km N	Recorded	1	Projectile	W to E	N/K	6-Mar, 21:31
	2-4km NNE	Recorded	1	Projectile	E to W	N/K	6-Mar, 21:51
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	6-Mar, 21:51
	2-4km NNE	Recorded	3	Projectile	E to W	N/K	6-Mar, 21:52
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	6-Mar, 21:54
	2-4km NNE	Recorded	3	Projectile	E to W	N/K	6-Mar, 21:54
	2-4km NNE	Recorded	4	Projectile	E to W	N/K	6-Mar, 21:55
	2-4km NNE	Recorded	1	Projectile	E to W	N/K	7-Mar, 00:05
SMM camera in Petrivske (non-government-	0.3-0.8km SW	Recorded	1	Projectile	E to W (assessed as inside the disengagement area)	N/K	4-Mar, 23:03

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
controlled, 41km S of Donetsk)	0.1-0.2km SW	Recorded	1	Projectile	ESE to WNW (assessed as inside the disengagement area)	N/K	4-Mar, 23:03
	0.3-0.8km SW	Recorded	1	Projectile	E to W (assessed as inside the disengagement area)	N/K	5-Mar, 01:00
	0.1-0.2km SW	Recorded	2	Projectile	ESE to WNW (assessed as inside the disengagement area)	N/K	5-Mar, 01:00
	0.4-0.6km SSW	Recorded	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	5-Mar, 04:50
	0.5-2km WSW	Recorded	1	Projectile	NE to SW (assessed as inside the disengagement area)	N/K	5-Mar, 20:02
	0.5-2km SSW	Recorded	4	Projectile	ESE to WNW (assessed as inside the disengagement area)	N/K	5-Mar, 20:13
	0.5-2km SSW	Recorded	3	Projectile	ESE to WNW (assessed as inside the disengagement area)	N/K	5-Mar, 20:23
	0.5-2km SSW	Recorded	6	Projectile	SE to NW (assessed as inside the disengagement area)	N/K	5-Mar, 21:34
	0.5-2km SSW	Recorded	2	Projectile	SE to NW (assessed as inside the disengagement area)	N/K	6-Mar, 00:07
	0.5-2km SSW	Recorded	2	Projectile	SE to NW (assessed as inside the disengagement area)	N/K	6-Mar, 00:21
	0.5-2km WSW	Recorded	1	Projectile	NW to SE (assessed as inside the disengagement area)	N/K	6-Mar, 01:56
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	2-5km N	Recorded	3	Projectile	E to W	N/K	6-Mar, 19:20
	2-5km N	Recorded	1	Projectile	E to W	N/K	6-Mar, 19:30
	2-5km N	Recorded	1	Projectile	E to W	N/K	6-Mar, 19:33
	2-5km N	Recorded	1	Projectile	E to W	N/K	6-Mar, 19:34
	4-6km NNE	Recorded	1	Explosion	Undetermined	N/K	6-Mar, 20:25
	4-6km NNE	Recorded	1	Projectile	NNE to SSW	N/K	6-Mar, 20:26
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	6-Mar, 20:26
	4-6km NNE	Recorded	2	Projectile	NNE to SSW	N/K	6-Mar, 20:29
	4-6km NNE	Recorded	1	Projectile	NNE to SSW	N/K	6-Mar, 20:29
	4-6km NNE	Recorded	1	Burst	NNE to SSW (approximately 20 rounds)	N/K	6-Mar, 20:30
	3-5km N	Recorded	3	Explosion	Undetermined	N/K	6-Mar, 20:34
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	6-Mar, 20:39
	3-5km N	Recorded	1	Projectile	E to W	N/K	6-Mar, 20:39
	3-5km N	Recorded	2	Explosion	Undetermined	N/K	6-Mar, 20:40
	3-5km N	Recorded	1	Projectile	W to E	N/K	6-Mar, 20:40
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	6-Mar, 20:48
	3-5km N	Recorded	2	Projectile	E to W	N/K	6-Mar, 20:53
	3-5km N	Recorded	3	Projectile	E to W	N/K	6-Mar, 20:54
	3-5km N	Recorded	4	Projectile	E to W	N/K	6-Mar, 20:56
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	6-Mar, 21:01
	3-5km N	Recorded	1	Projectile	E to W	N/K	6-Mar, 21:02
	3-5km N	Recorded	3	Projectile	E to W	N/K	6-Mar, 21:36
	3-5km N	Recorded	2	Projectile	E to W	N/K	6-Mar, 21:39
	3-5km N	Recorded	3	Projectile	SE to NW	N/K	6-Mar, 22:35
	3-5km N	Recorded	2	Projectile	SE to NW	N/K	6-Mar, 22:36

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	3-5km N	Recorded	2	Projectile	SE to NW	N/K	6-Mar, 22:37
	3-5km N	Recorded	2	Projectile	SE to NW	N/K	6-Mar, 22:39
	3-5km N	Recorded	1	Projectile	SSW to NNE	N/K	6-Mar, 22:39
	3-5km N	Recorded	4	Projectile	E to W	N/K	6-Mar, 22:55
	4-6km N	Recorded	5	Projectile	E to W	N/K	6-Mar, 23:05
	3-5km N	Recorded	1	Projectile	E to W	N/K	6-Mar, 23:07
	3-5km N	Recorded	1	Projectile	E to W	N/K	6-Mar, 23:08
	3-5km N	Recorded		Projectile	E to W (uncountable)	N/K	6-Mar, 23:08
	3-5km N	Recorded	12	Projectile	SE to NW	N/K	6-Mar, 23:09
	3-5km N	Recorded	11	Projectile	E to W	N/K	6-Mar, 23:11
	3-5km NNE	Recorded	2	Projectile	W to E	N/K	6-Mar, 23:17
	3-5km NNE	Recorded	1	Projectile	W to E	N/K	6-Mar, 23:19
	3-5km N	Recorded	4	Projectile	E to W	N/K	6-Mar, 23:58
	3-5km NNE	Recorded	2	Projectile	E to W	N/K	7-Mar, 00:08
	3-5km N	Recorded	3	Projectile	E to W	N/K	7-Mar, 00:30
	3-5km N	Recorded	8	Projectile	S to N	N/K	7-Mar, 01:47
	3-5km N	Recorded	19	Projectile	S to N	N/K	7-Mar, 01:48
	3-5km N	Recorded	2	Projectile	E to W	N/K	7-Mar, 02:48
About 700m WSW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	5km WSW	Heard	2	Explosion	Undetermined	N/K	7-Mar, 11:50
	5km WSW	Heard	2	Explosion	Undetermined	N/K	7-Mar, 12:00
Staromykhailivka (non-government-controlled, 15km W of Donetsk)	2-3km WNW	Heard	1	Explosion	Undetermined	N/K	7-Mar, 09:36
	2-4km W	Heard	1	Explosion	Undetermined	N/K	7-Mar, 10:19
Donetsk city centre (non-government-controlled)	10km WSW	Heard	1	Explosion	Undetermined	N/K	7-Mar, 09:38
	7-8km NE	Heard	2	Explosion	Undetermined	N/K	7-Mar, 10:43
About 1.7km NNE of Donetsk Railway Station (non-government-controlled, 6km NW of Donetsk city centre)	2-4km W	Heard	7	Burst		HMG	7-Mar, 10:42
	2-4km W	Heard	2	Explosion	Undetermined	N/K	7-Mar, 10:42
About 3km WSW of Donetsk central railway station (non-government-controlled, 6km NW of Donetsk)	2-4km NW	Heard	4	Explosion	Undetermined	N/K	7-Mar, 11:42
About 2km WNW of Pisky (government-controlled, 12km NW of Donetsk)	1km SE	Heard	1	Shot		Small arms	7-Mar, 09:48
	1km SE	Heard	1	Burst		Small arms	7-Mar, 09:48
About 1.8km N of Petrivske (non-government-controlled, 41km S of Donetsk)	2-3km SSE	Heard	7	Shot	Assessed as outside the disengagement area	Small arms	7-Mar, 10:33-10:38
	2-3km SSE	Heard	3	Shot	Assessed as outside the disengagement area	Small arms	7-Mar, 12:03
Zaichenko (non-government-controlled, 93km S of Donetsk)	2-3km W	Heard	3	Shot		Small arms	7-Mar, 12:10-12:13
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-6km S	Heard	1	Explosion	Undetermined	N/K	6-Mar, 18:42
	3-6km S	Heard	4	Shot		Small arms	6-Mar, 19:12
	3-6km S	Heard	2	Shot		Small arms	6-Mar, 19:16
	3-6km W	Heard	4	Shot		Small arms	6-Mar, 19:23
	3-6km SE	Heard	8	Shot		Small arms	6-Mar, 19:24
	3-6km SW	Heard	11	Burst		Small arms	6-Mar, 19:32

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	3-6km SW	Heard	3	Explosion	Undetermined	N/K	6-Mar, 19:33
	3-6km SW	Heard	1	Explosion	Undetermined	N/K	6-Mar, 20:24
	3-6km SW	Heard	3	Burst		Small arms	6-Mar, 20:24
	3-6km SW	Heard	4	Explosion	Undetermined	N/K	6-Mar, 21:29
	2-5km SSW	Heard	2	Shot		Small arms	6-Mar, 21:36
	3-6km SW	Heard	4	Shot		Small arms	6-Mar, 21:41
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	6-Mar, 21:56
	3-5km SE	Heard	7	Burst		HMG	6-Mar, 22:05
	3-6km SE	Heard	3	Explosion	Undetermined	N/K	6-Mar, 22:46-22:48
	3-6km SE	Heard	3	Explosion	Undetermined	N/K	6-Mar, 23:21-23:26
	4-8km W	Heard	40	Shot and burst	Undetermined	Small arms	7-Mar, 06:11-06:20
	4-8km W	Heard	10	Explosion	Undetermined	N/K	7-Mar, 06:11-06:20
	3-5km SE	Heard	3	Explosion	Undetermined	N/K	7-Mar, 09:11-09:14
	3-5km SE	Heard	3	Explosion	Undetermined	N/K	7-Mar, 09:16-09:18
	3-6km SW	Heard	4	Explosion	Undetermined	N/K	7-Mar, 09:35-09:36
	3-5km SE	Heard	5	Explosion	Undetermined	N/K	7-Mar, 14:07-14:08
	3-5km SE	Heard	8	Explosion	Undetermined	N/K	7-Mar, 14:09-14:13
	3-5km SE	Heard	5	Explosion	Undetermined	N/K	7-Mar, 14:21-14:25
	3-5km SE	Heard	5	Explosion	Undetermined	N/K	7-Mar, 17:10-17:13
Horlivka (non-government-controlled, 39km NE of Donetsk)	4-6km W	Heard	4	Explosion	Undetermined	N/K	6-Mar, 20:50-20:52
	4-6km W	Heard	2	Explosion	Undetermined	N/K	6-Mar, 20:55
	4-5km W	Heard	8	Burst		HMG	6-Mar, 20:55-20:56
	4-6km W	Heard	1	Explosion	Undetermined	N/K	6-Mar, 23:01
About 2.5km SSE of Novhorodske (government-controlled, 35km N of Donetsk)	1-3km SW	Heard	1	Explosion	Undetermined	N/K	7-Mar, 11:47
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	2-4km SSW	Recorded	10	Projectile	WNW to ESE	N/K	7-Mar, 18:13
	2-4km SSW	Recorded	15	Projectile	WNW to ESE	N/K	7-Mar, 18:14
	2-4km SSW	Recorded	8	Projectile	WNW to ESE	N/K	7-Mar, 18:15
	2-4km SSW	Recorded	1	Explosion	Undetermined	N/K	7-Mar, 18:28
	2-4km SSW	Recorded	6	Projectile	WNW to ESE	N/K	7-Mar, 18:29
	2-4km SSW	Recorded	6	Projectile	WNW to ESE	N/K	7-Mar, 18:30
	2-4km SSW	Recorded	5	Projectile	WNW to ESE	N/K	7-Mar, 18:31
	2-4km SSW	Recorded	8	Projectile	WNW to ESE	N/K	7-Mar, 18:32
	2-4km SSW	Recorded	3	Projectile	WNW to ESE	N/K	7-Mar, 18:33
	2-4km S	Recorded	1	Illumination flare	In vertical flight	N/K	7-Mar, 18:34
	2-4km SSW	Recorded	1	Projectile	WNW to ESE	N/K	7-Mar, 18:49
	2-4km SW	Recorded	1	Explosion	Undetermined	N/K	6-Mar, 19:23

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	4-6km E	Recorded	2	Projectile	N to S (assessed as outside the disengagement area)	N/K	7-Mar, 05:16
	2-3km ESE	Recorded	1	Illumination flare	In vertical flight, (assessed as outside the disengagement area)	N/K	7-Mar, 18:34
N edge of Popasna (government-controlled, 69km W of Luhansk)	5-10km SSE	Heard	5	Explosion	Undetermined	N/K	7-Mar, 03:15-03:20
S edge of Popasna (government-controlled, 69km W of Luhansk)	6-10km S	Heard	13	Explosion	Undetermined	N/K	7-Mar, 14:05-14:15
Zolote (government-controlled, 60km W of Luhansk)	2-4km ENE	Heard	3	Explosion	Undetermined	N/K	7-Mar, 08:45-08:55
	2-4km ENE	Heard	6	Burst		HMG	7-Mar, 08:45-08:55
Trokhizbenka (government-controlled, 32km NW of Luhansk)	8-10km WSW	Heard	1	Explosion	Undetermined	N/K	7-Mar, 10:37-10:45
2km ENE of Molodizhne (non-government-controlled, 63km NW of Luhansk)	7-9km SSW	Heard	1	Explosion	Undetermined	N/K	7-Mar, 14:19-14:26
	4-6km SSW	Heard	1	Explosion	Undetermined	N/K	7-Mar, 14:19-14:26
1.5km SW of Molodizhne (non-government-controlled, 63km NW of Luhansk)	3-4km WSW	Heard	2	Explosion	Undetermined	N/K	7-Mar, 14:47-14:53
	2-3km SW	Heard	2	Explosion	Undetermined	N/K	7-Mar, 14:47-14:53
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-5km SSE	Recorded	1	Projectile	E to W	N/K	7-Mar, 19:30
	3-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	7-Mar, 20:17
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1.5km SSE	Recorded	1	Explosion	Undetermined	N/K	7-Mar, 19:12
	0.5-1.5km S	Recorded	1	Explosion	Undetermined	N/K	7-Mar, 19:12
	0.5-1.5km S	Recorded	1	Explosion	Undetermined	N/K	7-Mar, 19:30
SMM camera at entry-exit checkpoint in Hnutove (government-controlled, 84km S of Donetsk)	2-5km ESE	Recorded	3	Projectile	In vertical flight	N/K	7-Mar, 22:10
	2-5km ESE	Recorded	2	Projectile	In vertical flight	N/K	7-Mar, 22:24
	2-5km ESE	Recorded	3	Projectile	N to S	N/K	8-Mar, 02:09
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	4-6km SE	Recorded	1	Explosion	Undetermined	N/K	7-Mar, 19:06
	4-6km SE	Recorded	1	Explosion	Undetermined	N/K	7-Mar, 19:14
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-5km ESE	Recorded	1	Explosion	Undetermined	N/K	7-Mar, 19:16
	4-5km E	Recorded		Explosion	Undetermined (uncountable)	N/K	7-Mar, 20:16
	4-5km E	Recorded	1	Explosion	Undetermined	N/K	7-Mar, 20:17
	4-5km E	Recorded	1	Explosion	Undetermined	N/K	7-Mar, 20:18
	4-5km E	Recorded	1	Explosion	Undetermined	N/K	7-Mar, 20:18
	4-5km E	Recorded	1	Explosion	Undetermined	N/K	7-Mar, 20:19
	4-5km E	Recorded	1	Explosion	Undetermined	N/K	7-Mar, 20:22
	4-5km E	Recorded	1	Explosion	Undetermined	N/K	7-Mar, 20:25
	4-5km E	Recorded	1	Explosion	Undetermined	N/K	7-Mar, 20:26
	4-5km E	Recorded	1	Explosion	Undetermined	N/K	7-Mar, 20:27
	4-5km E	Recorded	1	Explosion	Undetermined	N/K	7-Mar, 20:29
	4-5km E	Recorded	1	Explosion	Undetermined	N/K	7-Mar, 20:31
	4-5km E	Recorded	1	Explosion	Undetermined	N/K	7-Mar, 20:32
		2-6km NNE	Recorded	1	Explosion	Undetermined	N/K



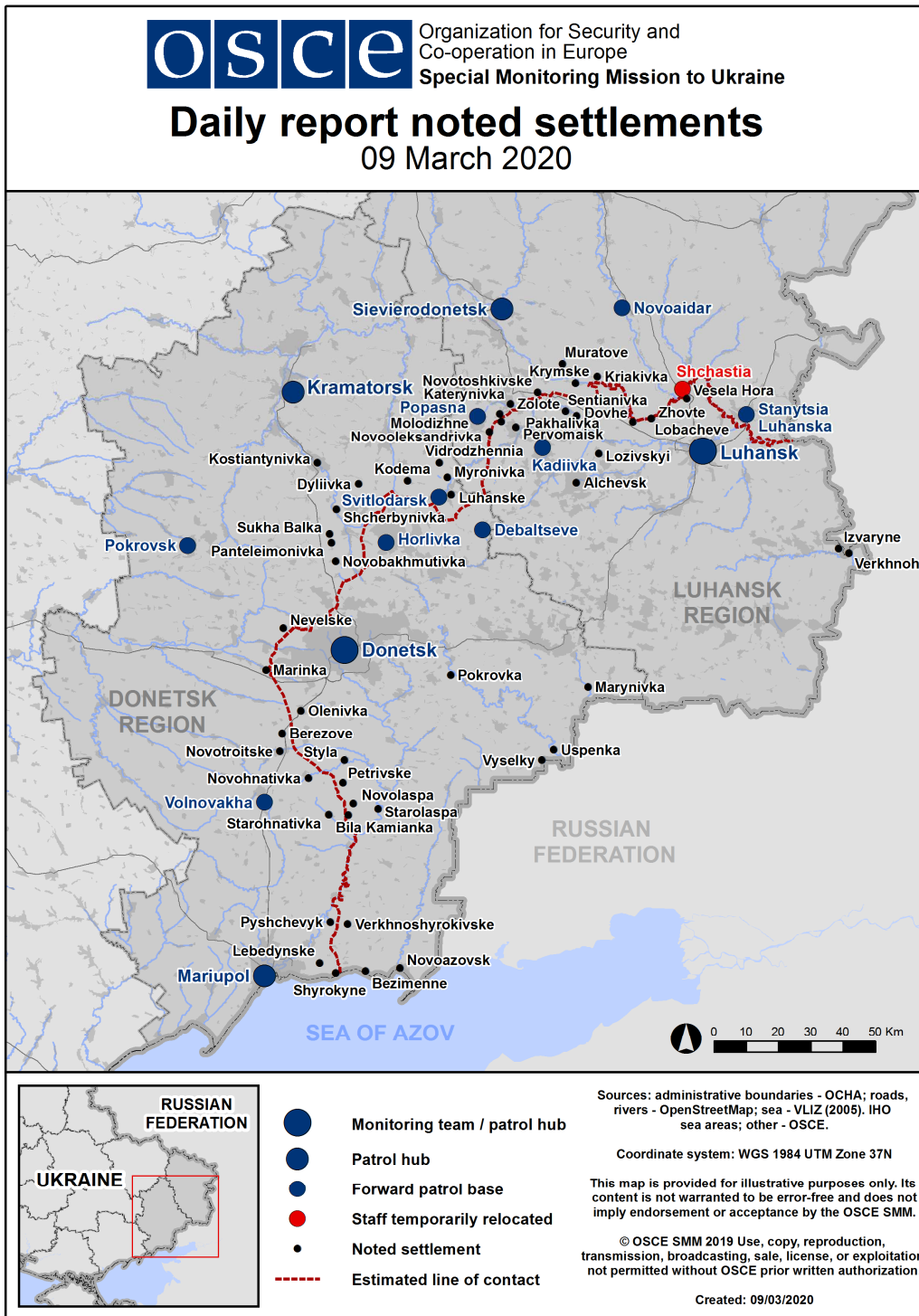
SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	2-6km NNE	Recorded	1	Explosion	Undetermined	N/K	7-Mar, 20:18
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	2-5km N	Recorded	6	Projectile	E to W	N/K	7-Mar, 20:15
	2-5km N	Recorded	1	Muzzle flash		N/K	7-Mar, 20:16
	2-5km N	Recorded	1	Projectile	E to W	N/K	7-Mar, 20:16
	2-6km N	Recorded	1	Muzzle flash		N/K	7-Mar, 20:17
	2-6km N	Recorded	1	Projectile	ENE to WSW	N/K	7-Mar, 20:17
	2-5km N	Recorded	1	Muzzle flash		N/K	7-Mar, 20:48
	2-5km N	Recorded	1	Projectile	NNW to SSE	N/K	7-Mar, 20:48
	2-5km N	Recorded	1	Explosion	Impact, subsequent to the previous event	N/K	7-Mar, 20:48
	2-6km N	Recorded	4	Projectile	ENE to WSW	N/K	7-Mar, 20:50
	2-5km N	Recorded	1	Explosion	Undetermined	N/K	7-Mar, 20:50
	2-6km N	Recorded	1	Explosion	Undetermined	N/K	7-Mar, 20:56
	2-5km N	Recorded		Muzzle flash	Uncountable	N/K	7-Mar, 21:04
	2-5km N	Recorded	6	Projectile	E to W	N/K	7-Mar, 21:04
	2-5km N	Recorded	3	Projectile	E to W	N/K	7-Mar, 21:15
	2-6km N	Recorded	2	Projectile	ENE to WSW	N/K	7-Mar, 21:16
	2-6km N	Recorded	3	Projectile	ENE to WSW	N/K	7-Mar, 21:23
	2-5km N	Recorded	2	Projectile	E to W	N/K	7-Mar, 22:04
	2-5km N	Recorded	4	Projectile	ESE to WNW	N/K	7-Mar, 22:04
	2-5km NNE	Recorded	2	Projectile	In vertical flight	N/K	7-Mar, 22:10
	2-5km NNE	Recorded	1	Projectile	In vertical flight	N/K	7-Mar, 22:24
	2-5km NNE	Recorded	3	Projectile	E to W	N/K	8-Mar, 00:48
	2-5km NNE	Recorded	1	Projectile	E to W	N/K	8-Mar, 00:49
	2-5km NNE	Recorded	2	Projectile	E to W	N/K	8-Mar, 00:50
	2-5km NNE	Recorded	4	Projectile	E to W	N/K	8-Mar, 00:51
	2-5km NNE	Recorded	3	Projectile	E to W	N/K	8-Mar, 00:52
	2-5km NNE	Recorded	1	Projectile	W to E	N/K	8-Mar, 01:08
	2-5km NNE	Recorded	1	Explosion	Undetermined	N/K	8-Mar, 02:52
	4-6km N	Recorded	1	Illumination flare	In vertical flight	N/K	8-Mar, 03:10
	2-5km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	8-Mar, 04:07
	4-7km N	Recorded	5	Projectile	E to W	N/K	8-Mar, 18:17
4-7km N	Recorded	2	Projectile	E to W	N/K	8-Mar, 18:27	
4-7km N	Recorded	1	Projectile	SSE to NNW	N/K	8-Mar, 18:28	
4-7km N	Recorded	3	Projectile	E to W	N/K	8-Mar, 18:29	
4-7km N	Recorded	2	Projectile	E to W	N/K	8-Mar, 18:30	
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-3km E	Recorded	1	Explosion	Air burst	N/K	7-Mar, 21:09
	2-3km E	Recorded	1	Illumination flare	In vertical flight	N/K	7-Mar, 21:09
About 2.7km S of Lohvynove (non-government-controlled, 59km NE of Donetsk)	2km NNW	Heard	29	Burst		HMG	8-Mar, 08:34
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	1km SE	Heard	1	Burst		Small arms	8-Mar, 10:10

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
Marinka (government-controlled, 23km SW of Donetsk)	2-3km NE	Heard	1	Explosion	Undetermined	N/K	8-Mar, 10:44
Staromykhailivka (non-government-controlled, 15km W of Donetsk)	2-4km NW	Heard	2	Explosion	Undetermined	N/K	8-Mar, 12:24
About 2.3km SE of Lebedynske (government-controlled, 99km S of Donetsk)	2-3km ESE	Heard	10	Burst		Small arms	8-Mar, 12:00
	2-3km ESE	Heard	6	Shot		Small arms	8-Mar, 12:00
	4-5km E	Heard	5	Shot		Small arms	8-Mar, 12:00-12:15
Horlivka (non-government-controlled, 39km NE of Donetsk)	4-6km NW	Heard	8	Explosion	Undetermined	N/K	7-Mar, 20:15-20:18
	4-6km NW	Heard	2	Explosion	Undetermined	N/K	7-Mar, 20:25
	4-5km NW	Heard	12	Burst		HMG	7-Mar, 20:34-20:35
	4-6km NW	Heard	11	Explosion	Undetermined	N/K	7-Mar, 21:00-21:03
	4-5km NW	Heard	18	Burst		HMG	7-Mar, 21:14-21:17
	4-6km NW	Heard	1	Explosion	Undetermined	N/K	7-Mar, 21:20
	4-5km W	Heard	8	Burst		HMG	7-Mar, 22:00
	4-5km NW	Heard	10	Burst		HMG	7-Mar, 22:18-22:20
	4-6km W	Heard	3	Explosion	Undetermined	N/K	7-Mar, 23:01
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-6km S	Heard	13	Explosion	Undetermined	N/K	7-Mar, 18:40-19:00
	2-4km E	Heard	14	Shot		Small arms	7-Mar, 18:40-18:55
	3-6km S	Heard	2	Explosion	Undetermined	N/K	7-Mar, 19:13
	2-4km SE	Heard	2	Shot		Small arms	7-Mar, 19:05
	2-4km SE	Heard	9	Shot		Small arms	7-Mar, 20:20-20:28
	3-6km SE	Heard	3	Explosion	Undetermined	N/K	7-Mar, 20:26
	7-9km SW	Heard	22	Explosion	Undetermined	N/K	7-Mar, 22:03-22:12
	7-9km SW	Heard	2	Explosion	Undetermined	N/K	7-Mar, 22:25
	7-9km SW	Heard	3	Explosion	Undetermined	N/K	7-Mar, 22:36
	2-3km SW	Heard	5	Burst		HMG	7-Mar, 22:39
	2-3km SE	Heard	3	Burst		HMG	7-Mar, 22:40
	7-9km SW	Heard	4	Explosion	Undetermined	N/K	7-Mar, 23:42-22:43
	3-4km S	Heard	1	Explosion	Undetermined	N/K	7-Mar, 23:48
	1-3km S	Heard	5	Shot		Small arms	7-Mar, 23:49-23:52
	2-3km S	Heard	2	Burst		HMG	7-Mar, 23:53
	1-3km S	Heard	1	Shot		Small arms	7-Mar, 23:56
	1-3km S	Heard	8	Shot		Small arms	7-Mar, 23:58-23:59
	3-4km S	Heard	2	Explosion	Undetermined	N/K	7-Mar, 23:58-23:59
	5-7km SW	Heard	12	Explosion	Undetermined	N/K	8-Mar, 07:17-07:21
	2-3km SW	Heard	6	Burst		HMG	8-Mar, 07:17-07:21

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	2-4km SW	Heard	7	Burst		HMG	8-Mar, 08:23
	5-7km SW	Heard	1	Explosion	Undetermined	N/K	8-Mar, 13:35
	5-7km SW	Heard	1	Explosion	Undetermined	N/K	8-Mar, 14:59
	2-3km SW	Heard	17	Burst		HMG	8-Mar, 15:01-15:06
	2-3km SW	Heard	130	Burst		HMG	8-Mar, 15:07-15:16
	6-9km SW	Heard	28	Explosion	Undetermined	N/K	8-Mar, 15:07-15:16
	3-6km SW	Heard	2	Explosion	Undetermined	N/K	8-Mar, 16:15
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	4-6km SSW	Recorded	3	Explosion	Undetermined	N/K	7-Mar, 20:31
	4-6km SW	Recorded	1	Muzzle flash		N/K	7-Mar, 20:32
	4-6km SW	Recorded	1	Projectile	WNW to ESE	N/K	7-Mar, 20:41
	4-6km SW	Recorded	2	Projectile	WNW to ESE	N/K	7-Mar, 20:42
	4-6km WSW	Recorded	1	Explosion	Undetermined	N/K	7-Mar, 20:42
	4-6km WSW	Recorded	1	Projectile	ESE to WNW	N/K	7-Mar, 20:42
	4-6km SW	Recorded	3	Projectile	WNW to ESE	N/K	7-Mar, 20:43
	4-6km SW	Recorded	2	Projectile	WNW to ESE	N/K	7-Mar, 20:52
	4-6km WSW	Recorded	1	Explosion	Undetermined	N/K	7-Mar, 20:52
	4-6km SW	Recorded	3	Projectile	WNW to ESE	N/K	7-Mar, 20:58
	4-6km S	Recorded		Projectile	WNW to ESE (uncountable)	N/K	7-Mar, 21:09
	4-6km S	Recorded	7	Projectile	ESE to WNW	N/K	7-Mar, 21:11
	4-6km SSW	Recorded	2	Muzzle flash		N/K	7-Mar, 21:13
	4-6km SSW	Recorded	1	Explosion	Undetermined	N/K	7-Mar, 21:13
	4-6km SSW	Recorded	1	Explosion	Undetermined	N/K	7-Mar, 21:15
	4-6km S	Recorded		Muzzle flash	Uncountable	N/K	7-Mar, 21:17
	4-6km S	Recorded	1	Projectile	WNW to ESE	N/K	7-Mar, 21:17
	4-6km S	Recorded	8	Projectile	WNW to ESE	N/K	7-Mar, 21:19
	4-6km S	Recorded	4	Projectile	WNW to ESE	N/K	7-Mar, 21:20
	4-6km S	Recorded		Muzzle flash	Uncountable	N/K	7-Mar, 22:38
	4-6km S	Recorded	2	Projectile	WNW to ESE	N/K	7-Mar, 22:38
	4-6km S	Recorded	10	Projectile	WNW to ESE	N/K	7-Mar, 22:39
	4-6km S	Recorded		Muzzle flash	Uncountable	N/K	7-Mar, 22:41
	4-6km S	Recorded	6	Projectile	WNW to ESE	N/K	7-Mar, 22:41
	4-6km S	Recorded	11	Projectile	WNW to ESE	N/K	7-Mar, 22:59
	4-6km S	Recorded	4	Muzzle flash		N/K	7-Mar, 22:59
	SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-4km E	Recorded	2	Projectile	N to S (assessed as outside the disengagement area)	N/K
2-4km E		Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	7-Mar, 20:58
2-4km E		Recorded	2	Projectile	N to S (assessed as outside the disengagement area)	N/K	7-Mar, 20:59
2-4km E		Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	7-Mar, 20:59
2-4km E		Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	7-Mar, 21:18
2-4km E		Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	7-Mar, 21:19

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	2-4km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	7-Mar, 21:24
	2-4km E	Recorded	11	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	7-Mar, 21:25
E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	3-4km N	Heard	1	Explosion	Undetermined	N/K	8-Mar, 07:38
Holubivske (non-government-controlled, 51km W of Luhansk)	8-15km W	Heard	3	Explosion	Undetermined	N/K	8-Mar, 11:00
Kadiivka (formerly Stakhanov, non-government-controlled, 50km W of Luhansk)	10-15km W	Heard	12	Explosion	Undetermined	N/K	8-Mar, 16:54-17:00
	10-15km WNW	Heard	11	Explosion	Undetermined	N/K	8-Mar, 16:54-17:00

### Map of Donetsk and Luhansk regions<sup>15</sup>



<sup>15</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).