



# Daily Report 39/2020

17 February 2020<sup>1</sup>

## Summary

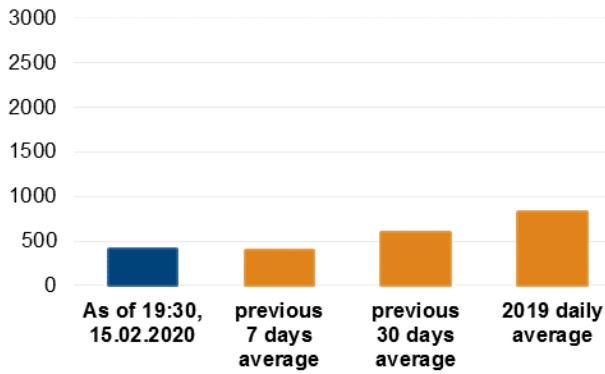
- Compared with the previous reporting period, between the evenings of 14-15 February the SMM recorded more ceasefire violations in Donetsk region and fewer in Luhansk region.
- Between the evenings of 15-16 February, the Mission recorded fewer ceasefire violations in Donetsk region and more in Luhansk region, compared with the previous 24 hours.
- The SMM followed up on reports of a man injured by gunfire in the Trudivski area of non-government-controlled Donetsk city and a woman injured by the explosion of a grenade in non-government-controlled Perevalsk.
- Small-arms fire was assessed as directed at an SMM mini-unmanned aerial vehicle near non-government-controlled Obozne in Luhansk region.
- The SMM saw weapons in violation of withdrawal lines on both sides of the contact line in Donetsk region.
- The Mission continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske.
- The SMM's freedom of movement continued to be restricted, including at checkpoints of the armed formations in Verkhnohyrokiivske, Sosnivske, Prymorske, Tavrycheske and Samiilove, all in southern Donetsk region, and at a border crossing point in non-government-controlled Dovzhanske in Luhansk region.\*

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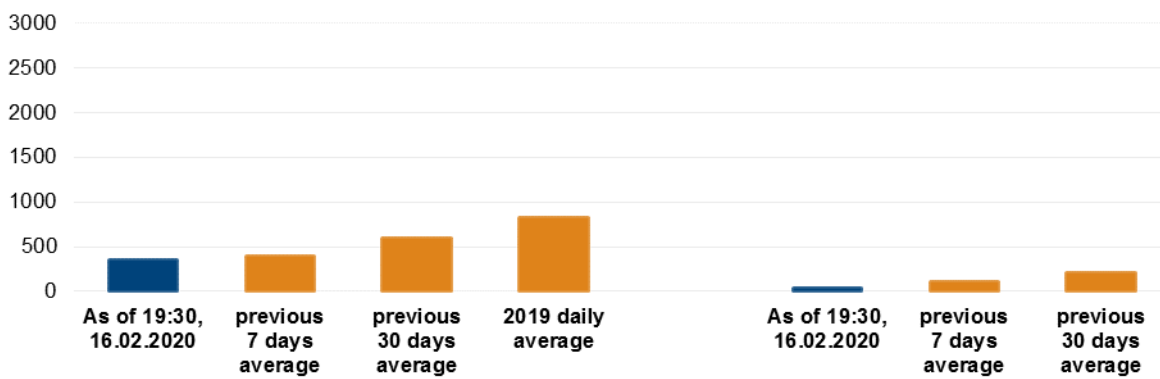
<sup>1</sup> Based on information from the Monitoring Teams as of 19:30, 16 February 2020. All times are in Eastern European Time.

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

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



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

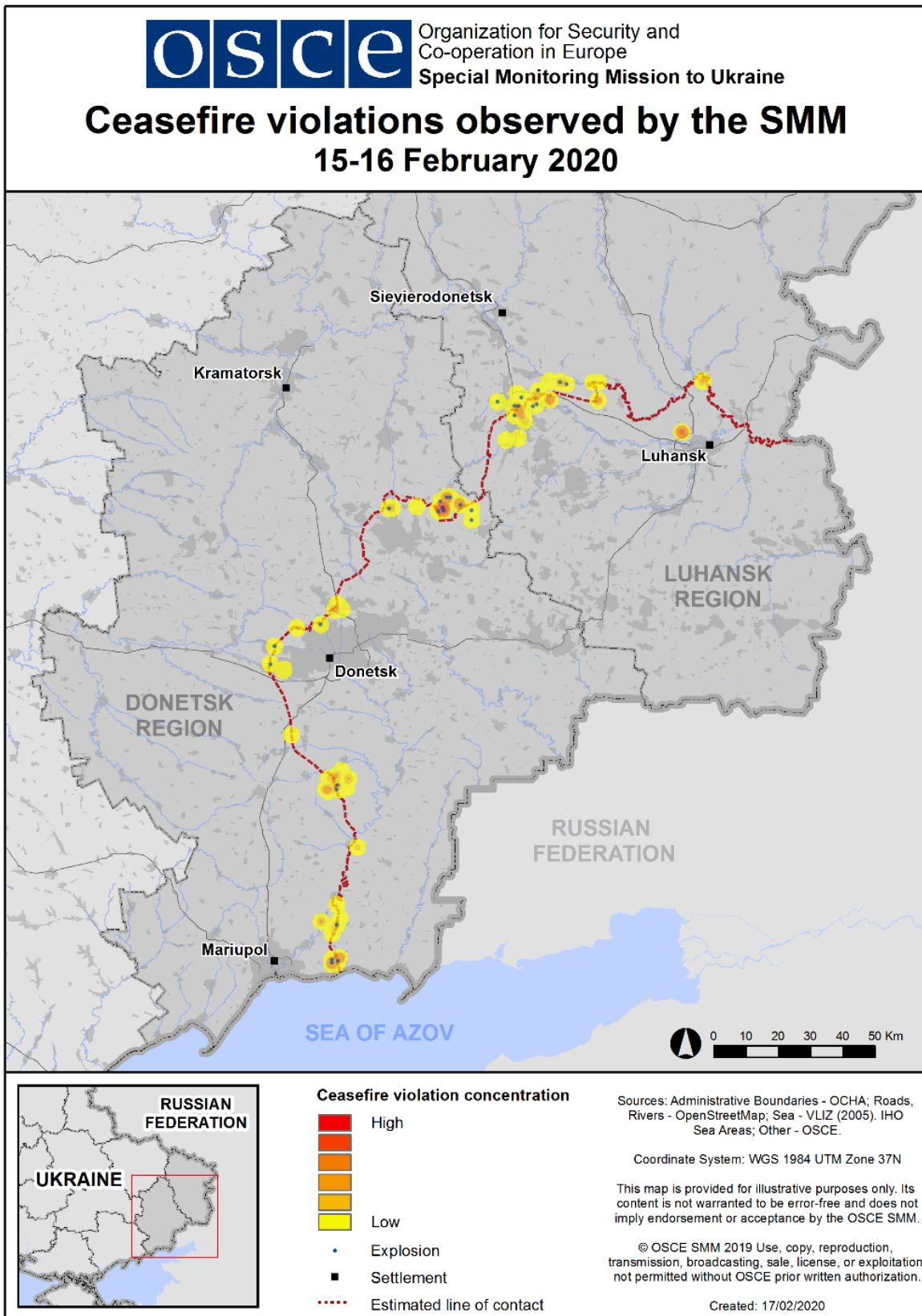


<sup>2</sup> For a complete breakdown of ceasefire violations, please see the annexed table. The SMM cameras near Bohdanivka and Hnutove were not operational during the reporting period.

<sup>3</sup> Including explosions.

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

### Map of recorded ceasefire violations



In Donetsk region, between the evenings of 14 and 15 February, the SMM recorded more ceasefire violations, including more explosions (about 45), compared with the [previous reporting period](#) (20 explosions). The majority of ceasefire violations, including the majority of explosions, were recorded at southerly directions of Svitlodarsk (government-controlled, 57km north-east of Donetsk).

Between the evenings of 15 and 16 February, the SMM recorded fewer ceasefire violations, including fewer explosions (15), compared with the previous 24 hours. The majority of ceasefire violations were recorded at easterly directions of Svitlodarsk and in areas north of Shyrokyne (government-controlled, 100km south of Donetsk).

In Luhansk region, between the evenings of 14 and 15 February, the SMM recorded fewer ceasefire violations, including fewer explosions (four), compared with the [previous reporting period](#) (about 120 explosions). The majority of ceasefire violations, including about 20 explosions assessed as impacts of rounds from undetermined weapons, were recorded in areas south-west of Trokhizbenka (government-controlled, 32km north-west of Luhansk), as well as in areas north-north-east of Obozne (non-government-controlled, 18km north of Luhansk).

Between the evenings of 15 and 16 February, the SMM recorded more ceasefire violations, including more explosions (about 25), compared with the previous 24 hours. The majority of ceasefire violations were recorded in areas south-east of Shyshkove (non-government-controlled, 11km north-west of Luhansk) and north-east, south-west, west and north-west of Berezivske (non-government-controlled, 53km north-west of Luhansk).

#### **Man injured due to gunfire in Donetsk city**

On 16 February, at a hospital in non-government-controlled Donetsk city, medical staff told the SMM that a 61-year old man had been admitted in the morning of 15 February with two bullet wounds to his abdomen and hip. The wife and step-son of the man told the SMM that on 15 February, the man had been visiting the family's abandoned house (which is located less than 650m from the contact line) in the Trudivski area of Donetsk city's Petrovskiyi district to feed their animals, when he had sustained first the wound to his abdomen and then to his hip.

#### **Woman injured due to detonation of grenade in Perevalsk**

On 12 February, medical staff at a hospital in Perevalsk (non-government-controlled, 38km west of Luhansk) told the SMM that on 9 February, a woman (aged 33) had been admitted with shrapnel injuries in her legs caused by the detonation of a grenade thrown by a man during an altercation with other men. On 16 February, the SMM spoke to the woman at her home in Petrovo-Krasnosillia (formerly Petrovo, non-government-controlled, 44km south-west of Luhansk) and saw bandages on her left leg and shrapnel marks on her right one. The woman said that, on 9 February, in Perevalsk, she had been injured as a result of the detonation of a grenade.

#### **Small-arms fire assessed as aimed at SMM mini-unmanned aerial vehicle**

On 15 February, while conducting a mini unmanned aerial vehicle (UAV) flight on the north-eastern edge of Obozne, the SMM heard 15 shots of small-arms fire at an assessed range of 2-3km north-north-east, assessed as targeting the UAV, which was flying about 3km north of the SMM's position.

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

On 15 and 16 February, inside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), the SMM observed members of the armed formations (wearing armbands with “JCCC” written on them) between the new span of the Stanytsia Luhanska bridge (15km north-east of Luhansk) and their checkpoint south of it.

On the evening of 15 February, the SMM camera in Zolote (government-controlled, 60km west of Luhansk) recorded eight undetermined explosions, four projectiles in flight and two illumination flares, all at an assessed range of 2-6km east. While positioned in four different locations close to the **disengagement area near Zolote**, the SMM heard four undetermined explosions and a shot of small-arms fire. All ceasefire violations were assessed as outside the area but within 5km of its periphery.

On the afternoon of 16 February, the SMM camera in Zolote recorded an undetermined explosion at an assessed range of 3-5km east. During the same day, while positioned in two different locations close to the disengagement area, the SMM heard two undetermined explosions and about 30 shots and bursts of small-arms and heavy-machine-gun fire. All ceasefire violations were assessed as outside the disengagement area but within 5km of its periphery.

On 15 February, while positioned on the southern edge of the disengagement area near Zolote, the SMM heard the sound of an aircraft assessed as a UAV flying about 100-300m west of its position. On 15 and 16 February, the SMM saw members of the armed formations (all wearing armbands with “JCCC” written on it) near the southern edge of the disengagement area.

On 14 February, inside the **disengagement area near Petrivske** (non-government-controlled, 41km south of Donetsk), an SMM long-range UAV spotted footprints in the snow leading to a position assessed as belonging to the Ukrainian Armed Forces about 600m south of the area’s northern edge and about 2km east of its western edge (for previous observations in the area, see [SMM Daily Report 10 December 2019](#)). The UAV also spotted recent vehicle tracks near a position assessed as belonging to the armed formations about 150m west of the area’s eastern edge and about 350m north-north-west of its south-eastern corner (for previous observations in the area, see [SMM Daily Report 11 February 2020](#)).

On 15 February, while positioned in Petrivske, the SMM heard about 35 shots and bursts of small-arms and heavy-machine-gun fire at an assessed range of 2-4km north, south-east, south and north-west, all assessed as outside the disengagement area, but within 5km of its periphery. On the same day, while positioned east of Bohdanivka (government-controlled, 41km south-west of Donetsk), the Mission heard seven shots of small-arms fire at an assessed range of 2-3km south-east, which it was unable to assess as inside or outside the disengagement area, and eight shots of small-arms fire at an assessed distance of 1km north, assessed as outside the area.

On 16 February, while positioned in Petrivske, the SMM heard an undetermined explosion and six shots of heavy-machine-gun fire, all at an assessed range of 1-2km south-west and as inside the disengagement area, and 12 shots of small-arms fire, at an assessed range of 2-3km east-north-east, assessed as outside the area. While positioned east of Bohdanivka, the SMM heard two shots of small-arms fire at an assessed range of 1-2km east, which it was unable to assess as inside or outside the disengagement area. While positioned in the same area, the Mission heard

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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.

an undetermined explosion and about 25 bursts and shots of small-arms and heavy-machine-gun fire, all at an assessed range of 2-4km south-east, south and south-south-west and assessed as outside the area but within 5km of its periphery.

### **Withdrawal of weapons**

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

In Donetsk region, the SMM saw three weapons in violation of withdrawal lines in a government-controlled area and four weapons in violation of withdrawal lines in a non-government-controlled area (for further details, see table below).

The SMM also saw about 30 weapons beyond withdrawal lines but outside designated storage sites in government-controlled areas of Donetsk region (for further details, see table below).

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

The SMM observed armoured combat vehicles in government-controlled areas in both Donetsk and Luhansk regions, including in and near residential areas, and in non-government-controlled areas of Donetsk region (for further details, see the table below).

On 14 February, an SMM mid-range UAV spotted a fresh impact crater, assessed as caused by a (120mm) mortar round, near a position of the Ukrainian Armed Forces about 4km west of Hnutove (government-controlled, 90km south of Donetsk).

### **Presence of mine hazard signs in non-government-controlled Raivka**

On 15 February, in the south-western outskirts of Raivka (non-government-controlled, 16km north-west of Luhansk), the SMM observed for the first time three red mine hazard signs (wooden squares with “Stop, Mines” written in Russian), near roads frequently used by civilians (for previous observations in the area, see [SMM Daily Report 15 February 2020](#)).

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

On 15 February, at a border crossing point near Uspenka (73km south-east of Donetsk), the SMM saw 22 covered cargo trucks (including several with “DPR” plates) and two fuel tankers queuing to exit Ukraine.

On 15 February, at a border crossing point near Dovzhanske (84km south-east of Luhansk), the SMM observed a bus with “LPR” plates exiting Ukraine. After about 15, an armed member of the armed formations told the SMM to leave the area.\*

On 16 February, the SMM was conducting a mini-UAV flight near Samiilove (89km south of Donetsk) when two armed members of the armed formations told the Mission to land its UAV and leave the area.\*

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<sup>6</sup> The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

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

#### Denials of access:

- On 15 and 16 February, at a checkpoint west of Verkhnohyrokiivske (formerly Oktiabr, non-government-controlled, 85km south of Donetsk), an armed member of the armed formations [again](#) denied the SMM passage, citing an “ongoing antiterrorist operation in the area” on the former date and “ongoing demining activity in the area” on the latter.
- On 15 February, at a checkpoint near Sosnivske (non-government-controlled, 78km south of Donetsk), two members of the armed formations (one of them armed) [again](#) denied the SMM passage.
- On 15 February, at a checkpoint near Prymorske (non-government-controlled, 76 km south of Donetsk), two armed members of the armed formations [again](#) denied the SMM passage, citing “an ongoing operation and engineering work in the area”.
- On 15 February, at a checkpoint near Tavrycheske (non-government-controlled, 76km south of Donetsk), two members of the armed formations (one of them armed) denied the SMM passage, citing “subversive groups operating in the area”.
- On 15 February, at a border crossing point in Dovzhanske (non-government-controlled, 84km south-east of Luhansk), an armed member of the armed formations told the SMM to leave the area.
- On 16 February, at a checkpoint near Samiilove (non-government-controlled, 89km south of Donetsk), two armed members of the armed formations [again](#) denied the SMM passage, citing “orders from superiors”. On the same day, while the SMM was conducting a mini-UAV flight near Samiilove, two armed members of the armed formations told the SMM to land its UAV and leave the area.

#### *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 14 February, 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). The same UAV also experienced dual GPS signal interference, assessed as caused by jamming, while flying over areas between Dyllivka (government-controlled, 49km north of Donetsk) and Novhorodske (government-controlled, 35km north of Donetsk), and between Petrivske (non-government-controlled, 41km south of Donetsk) and Karpove-Kripenske (non-government-controlled, 72km south of Luhansk).<sup>7</sup>
- On 15 February, while conducting a mini-UAV flight over areas near Obozne (non-government-controlled, 18km north of Luhansk), the SMM heard shots of small-arms fire, assessed as directed at its UAV (see above).
- On 15 February, an SMM mid-range UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying near Pavlopil (government-controlled, 84km south of Donetsk).
- On 16 February, an SMM mid-range UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas near non-government-controlled Donetsk city.
- On 16 February, an SMM mini-UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas near Orikhove-Donetske (government-controlled, 44km north-west of Luhansk).

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<sup>7</sup> The interferences could have originated from anywhere within the radius of kilometres from the UAVs' position



## 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>				
16/02/2020	1	Self-propelled howitzer (2S3 <i>Akatsiya</i> , 152mm)	On road H-20 in Buhas (44km south-west of Donetsk), heading south-west	Patrol
	1	Multiple launch rocket system (BM-21 <i>Grad</i> , 122mm)		
	1	Towed howitzer (D-30 <i>Lyagushka</i> , 122mm)		
<b>Non-government-controlled areas</b>				
14/02/2020	1	Surface-to-air missile system (9K35 <i>Strela-10</i> )	Near Dokuchaievsk (30km south-west of Donetsk)	Long-range UAV
	3	Self-propelled howitzers (2S1 <i>Gvozdika</i> , 122mm)	Near Hrechchyne (48km south of Donetsk)	

### 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>				
14/02/2020	4	Anti-tank gun (MT-12 <i>Rapira</i> , 100mm)	Near Kalynove (65km south-west of Donetsk)	Mini-UAV
	7	Self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm)		
	6	Self-propelled anti-tank guided missile system (9P149 <i>Shturm-S</i> , 130mm)	Near Vesele (66km south-west of Donetsk)	
15/02/2020	1	Anti-tank gun (MT-12 <i>Rapira</i> , 100mm)	In Sloviansk (95km north of Donetsk)	Patrol
	1	Self-propelled howitzer (2S3 <i>Akatsiya</i> , 152mm)		
	1	Multiple launch rocket system (BM-21 <i>Grad</i> , 122mm)		
	2	Towed howitzer (D-30 <i>Lyagushka</i> , 122mm and a 2A65 <i>Msta-B</i> , 152mm)		
	1	Self-propelled howitzer (2S3 <i>Akatsiya</i> , 152mm)	Near Seleznivka (97km north of Donetsk)	
	1	Towed howitzer (D-30 <i>Lyagushka</i> , 122mm)		
	1	Multiple launch rocket system (BM-21 <i>Grad</i> , 122mm)		
	1	Anti-tank gun (MT-12 <i>Rapira</i> , 100mm)	Near Novovodiane (78km north-west of Donetsk)	
	2	Towed howitzer (one 2A36 <i>Giatsint-B</i> , 152mm and one 2A65 <i>Msta-B</i> , 152mm)		
	2	Towed howitzers (2A36 <i>Giatsint-B</i> )	Near Karlivka (25km north-west of Donetsk)	
	1	Anti-tank gun (MT-12 <i>Rapira</i> , 100mm)		

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

Date	No.	Type	Location	Source of observation
<b>Government-controlled areas</b>				
14/02/2020	1	Armoured reconnaissance vehicle (BRDM-2)	Novhorodske (35km north of Donetsk), near civilian houses	Long-range UAV
	1	Armoured reconnaissance vehicle (BRDM-2)	In a residential area in Verkhnotoretske (23km north-east of Donetsk)	
	9	Armoured personnel carrier (BTR-70)	Near a residential area in Avdiivka (17km north of Donetsk)	
	1	Trench digger (PZM-2)		
	1	Infantry fighting vehicle (BMP-1)	In a residential area in Bohdanivka (41km south-west of Donetsk)	
	2	Armoured combat vehicle (type undetermined)		
15/02/2020	1	Counter-fire radar system (AN/TPQ-36)	Near Orikhove (57km north-west of Luhansk)	Mini-UAV
	1	Armoured personnel carrier (BTR-70)	Near Orlivske (82km south of Donetsk)	Patrol
	1	Infantry fighting vehicle (BMP-1)	Near Karlivka	
	1	Infantry fighting vehicle (BMP-2)	Near Muratove (51km north-west of Luhansk)	
	1	Armoured personnel carrier (MT-LB)	In Popasna (69km west of Luhansk)	
16/02/2020	2	Armoured reconnaissance vehicle (BRDM-2)	Near Pervomaiske (17km north-west of Donetsk)	
<b>Non-government-controlled areas</b>				
14/02/2020	3	Armoured personnel carrier (MT-LB)	Near a residential area in Kalmiuske (formerly Komsomolske, 42km south-east of Donetsk)	Long-range UAV
	1	Anti-aircraft gun (ZU-23, 23mm)		

<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 of 16 February 2020<sup>9</sup>**

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SSE	Recorded	1	Illumination flare	In vertical flight	N/K	14-Feb, 22:27
SMM camera at entry-exit checkpoint in Hnutove (government-controlled, 84km S of Donetsk)	2-4km E	Recorded	1	Projectile	N to S	N/K	14-Feb, 23:41
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	3-5km E	Recorded	5	Projectile	SW to NE	N/K	14-Feb, 18:56
	3-5km E	Recorded	1	Illumination flare	In vertical flight	N/K	14-Feb, 19:02
	2-4km E	Recorded	4	Explosion	Undetermined	N/K	14-Feb, 19:02
	2-4km E	Recorded	1	Explosion	Airburst	N/K	14-Feb, 19:02
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	14-Feb, 19:05
	2-4km E	Recorded	1	Explosion	Airburst	N/K	14-Feb, 19:05
	2-4km E	Recorded	1	Projectile	N to S	N/K	14-Feb, 19:05
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	2-3km NE	Recorded	1	Explosion	Airburst	N/K	15-Feb, 00:27
	2-3km NE	Recorded	1	Explosion	Airburst	N/K	15-Feb, 00:27
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	5-7km NNE	Recorded	6	Projectile	W to E	N/K	14-Feb, 17:58
	5-7km NNE	Recorded	7	Projectile	W to E	N/K	14-Feb, 17:59
	5-7km NNE	Recorded	10	Projectile	W to E	N/K	14-Feb, 18:00
	5-7km NNE	Recorded	3	Muzzle flash	W to E	N/K	14-Feb, 18:00
	5-7km NNE	Recorded	3	Projectile	W to E	N/K	14-Feb, 18:01
	5-7km NNE	Recorded	2	Projectile	W to E	N/K	14-Feb, 18:04
	5-7km NNE	Recorded	1	Projectile	ESE to WNW	N/K	14-Feb, 19:47
	4-6km N	Recorded	2	Explosion	Undetermined	N/K	14-Feb, 20:14
	3-5km N	Recorded	1	Projectile	In vertical flight	N/K	14-Feb, 20:14
	4-6km N	Recorded	2	Projectile	W to E	N/K	14-Feb, 20:16
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	14-Feb, 20:16
	3-5km NNE	Recorded	1	Projectile	SE to NW	N/K	14-Feb, 20:21
	4-6km NNE	Recorded	1	Explosion	Undetermined	N/K	14-Feb, 20:23
	3-5km N	Recorded	1	Projectile	In vertical flight	N/K	14-Feb, 21:45
SMM camera in Hranitne (government-controlled, 60km S of Donetsk)	2-4km ESE	Recorded	1	Projectile	SW to NE	N/K	15-Feb, 18:29
SMM camera in Chermalyk (government-	2-4km SSE	Recorded	4	Projectile	NNE to SSW	N/K	15-Feb, 18:49

<sup>9</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.

controlled, 77km S of Donetsk)							
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2km SSW	Heard	1	Shot		Small arms	15-Feb, 09:24
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km E	Heard	1	Shot		Small arms	15-Feb, 09:04
Oleksandrivka (non-government-controlled, 20 km SW of Donetsk)	2-3km NNE	Heard	2	Burst		Small arms	15-Feb, 08:59-09:00
	2km NNE	Heard	1	Burst		Small arms	15-Feb, 09:58
About 2km SE of Pervomaiske (government-controlled, 17km NW of Donetsk)	1-2km S	Heard	3	Burst		Small arms	15-Feb, 09:36
	1-2km S	Heard	5	Burst		HMG	15-Feb, 09:58-10:08
Novohryhorivka (non-government-controlled, 61km NE of Donetsk)	3-5km W	Heard	2	Explosion	Undetermined	N/K	15-Feb, 09:54
Petrivske (non-government-controlled, 41km S of Donetsk)	2-3km SE	Heard	1	Burst	Assessed as outside the disengagement area	HMG	15-Feb, 10:08
	2-3km SE	Heard	3	Shot	Assessed as outside the disengagement area	Small arms	15-Feb, 10:08
	2-3km NW	Heard	3	Burst	Assessed as outside the disengagement area	Small arms	15-Feb, 10:15
	2-3km NW	Heard	12	Shot	Assessed as outside the disengagement area	Small arms	15-Feb, 10:15
	2-3km S	Heard	2	Burst	Assessed as outside the disengagement area	Small arms	15-Feb, 10:00
	3-4km N	Heard	4	Burst	Assessed as outside the disengagement area	HMG	15-Feb, 10:10
2km SW of Pyshchevyk (government-controlled, 25km NE of Mariupol)	3-4km E	Heard	10	Shot		Small arms	15-Feb, 13:05
	3-4km SE	Heard	7	Shot		Small arms	15-Feb, 14:02
About 2km ENE of Bohdanivka (government-controlled, 41km SW of Donetsk)	2-3km SE	Heard	7	Shot	Unable to be assessed inside or outside the Petrivske disengagement area	Small arms	15-Feb, 10:13
	1km N	Heard	7	Shot	Assessed as outside the disengagement area	Small arms	15-Feb, 13:14-13:18

	1km N	Heard	1	Burst	Assessed as outside the disengagement area	Small arms	15-Feb, 13:14-13:18
About 2km SE of Luhanske (government-controlled, 59km E of Donetsk)	3-4km SE	Heard	25	Shot		Small arms	15-Feb, 11:50-11:57
	3-4km SE	Heard	11	Burst		Small arms	15-Feb, 11:50-11:57
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	15-Feb, 08:39
Novoluhanske (government-controlled, 53km north-east of Donetsk)	3-4km SW	Heard	4	Burst	Undetermined	HMG	15-Feb, 13:42
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-4km S	Heard	15	Burst		HMG	15-Feb, 11:37
	4-5km S	Heard	4	Explosion	Undetermined	N/K	15-Feb, 12:40
	3-4km SSE	Heard	50	Burst		HMG	15-Feb, 17:40
	3-4km SSE	Heard	5	Explosion	Undetermined	N/K	15-Feb, 17:40
	4-5km SSE	Heard	30	Burst		HMG	15-Feb, 17:50
	4-5km SSE	Heard	4	Explosion	Undetermined	N/K	15-Feb, 17:55
	4-5km SSE	Heard	45	Burst		HMG	15-Feb, 18:00
	4-5km SSE	Heard	5	Explosion	Undetermined	N/K	15-Feb, 18:00
	3-4km SSE	Heard	30	Burst		HMG	15-Feb, 18:05
	4-5km SSE	Heard	2	Explosion	Undetermined	N/K	15-Feb, 18:05
	3-4km SSE	Heard	15	Burst		IFV (type N/K)	15-Feb, 18:18
	4-5km SSE	Heard	3	Explosion	Undetermined	N/K	15-Feb, 18:18
	3-4km SSE	Heard	30	Burst		IFV (type N/K)	15-Feb, 18:25
	4-5km SSE	Heard	2	Explosion	Undetermined	N/K	15-Feb, 18:25
	3-4km SSE	Heard	25	Burst		IFV (type N/K)	15-Feb, 18:28
3-4km SSE	Heard	5	Explosion	Impact	N/K	15-Feb, 18:28	
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	2-4km SSW	Recorded	1	Projectile	WNW to ESE	N/K	14-Feb, 21:44
Zolote (government-controlled, 60km W of Luhansk)	2-4km NE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	15-Feb, 08:44
N edge of the disengagement area near Zolote (government-controlled, 60km W of Luhansk)	2-3km E	Heard	1	Shot	Assessed as outside the disengagement area	N/K	15-Feb, 08:55-09:00
W edge of Zolote (government-controlled, 60km W of Luhansk)	3-5km E	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	15-Feb, 10:25
	7-10km E	Heard	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	15-Feb, 11:51
NE edge of Obozne (non-government-controlled, 18km N of Luhansk)	2-3km NNE	Heard	15	Shot		Small arms	15-Feb, 10:20-10:21

3km N of Pervomaisk (non-government-controlled, 58km W of Luhansk)	3-5km NE	Heard	2	Explosion	Undetermined (assessed as outside of the disengagement area)	N/K	15-Feb, 11:25-11:28
SW edge of Trokhizbenka (government-controlled, 32km NW of Luhansk)	5-10km SW	Heard	19	Explosion	Impact	N/K	15-Feb, 11:28-11:39
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-4km SE	Recorded	2	Projectile	W to E	N/K	16-Feb, 18:39
SMM camera at entry-exit checkpoint in Hnutove (government-controlled, 84km S of Donetsk)	2-4km E	Recorded	4	Projectile	N to S	N/K	15-Feb, 20:05
SMM camera in Hranitne (government-controlled, 60km S of Donetsk)	2-4km ESE	Recorded	3	Projectile	SW to NE	N/K	15-Feb, 20:32
	2-4km ESE	Recorded	3	Projectile	SSW to NNE	N/K	15-Feb, 20:33
	2-4km ESE	Recorded	2	Projectile	SSW to NNE	N/K	15-Feb, 22:27
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	3-4km N	Recorded	1	Projectile	ESE to WNW	N/K	15-Feb, 20:47
	3-4km N	Recorded	6	Projectile	ESE to WNW	N/K	15-Feb, 21:13
	3-4km N	Recorded	9	Projectile	ESE to WNW	N/K	15-Feb, 22:08
	3-4km N	Recorded	4	Projectile	ESE to WNW	N/K	15-Feb, 22:10
	3-5km N	Recorded	1	Projectile	SW to NE	N/K	16-Feb, 17:55
	3-5km N	Recorded	2	Explosion	Undetermined	N/K	16-Feb, 17:55
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	16-Feb, 18:02
3-5km N	Recorded	16	Projectile	SE to NW	N/K	16-Feb, 18:02	
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km SE	Heard	16	Burst		HMG	16-Feb, 08:57
Marinka (government-controlled, 23km SW of Donetsk)	2-3km NE	Heard	1	Explosion	Undetermined	N/K	16-Feb, 12:25
Krasnohorivka (government-controlled, 21km W of Donetsk)	1-2km E	Heard	1	Explosion	Undetermined	N/K	16-Feb, 11:16
About 4km NW of Debaltseve (non-government-controlled, 58km NE of Donetsk)	3-5km N	Heard	1	Explosion	Undetermined	N/K	16-Feb, 11:28
About 450m NW Petrivske (non-government-controlled, 41km S of Donetsk)	2-3km ENE	Heard	12	Shot	Assessed as outside the disengagement area	Small arms	16-Feb, 09:23-19:44
	1-2km SW	Heard	1	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	16-Feb, 09:55-10:01
	1-2km SW	Heard	6	Shot	Assessed as inside the disengagement area	HMG	16-Feb, 09:55-10:01

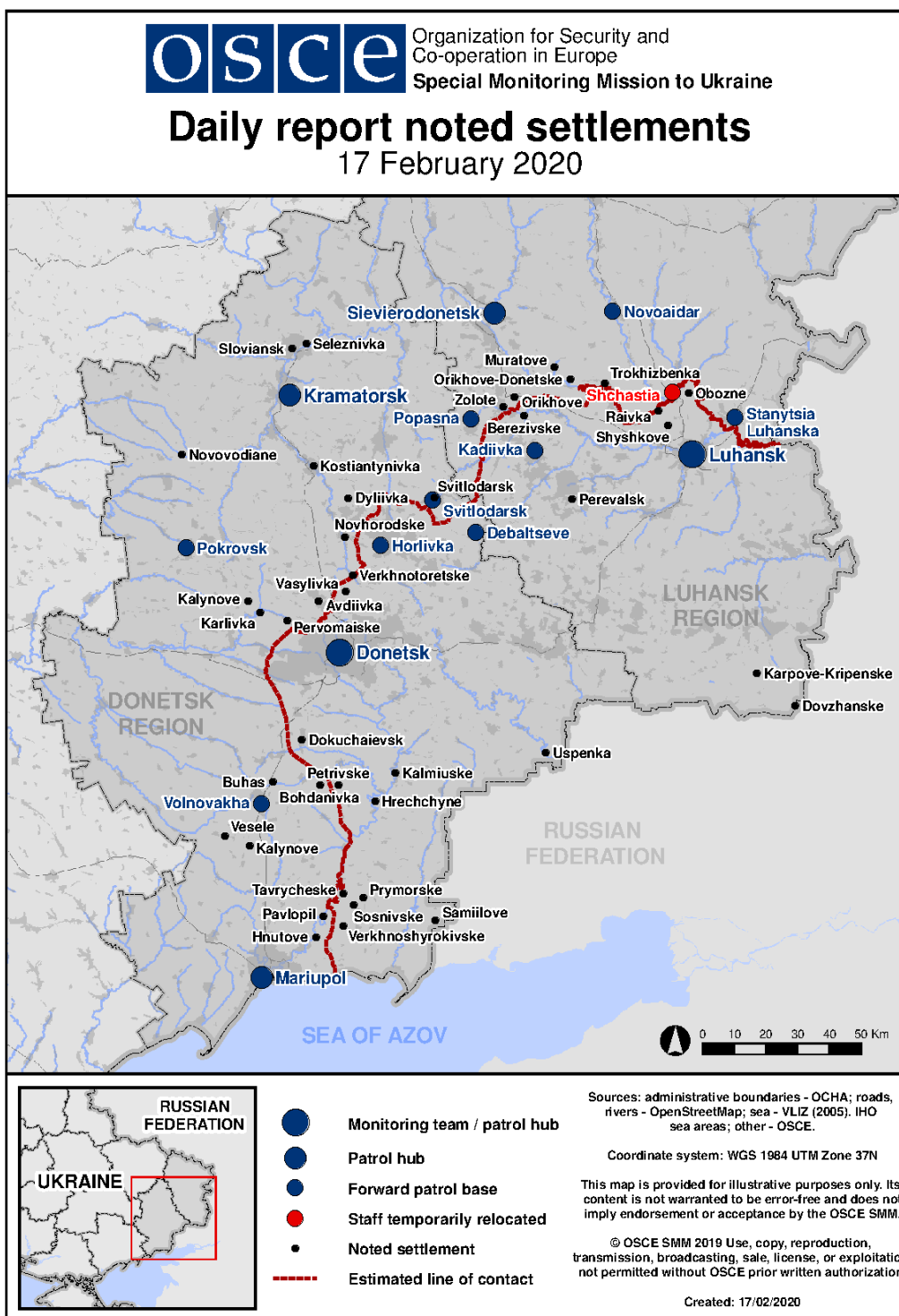
	2km ENE	Heard	2	Shot	Assessed as outside the disengagement area	Small arms	16-Feb, 11:00
About 2km ENE of Bohdanivka (government-controlled, 41km SW of Donetsk)	1-2km E	Heard	1	Shot	Unable to assess whether inside or outside the disengagement area	Small arms	16-Feb, 10:17
	1-2km E	Heard	1	Shot	Unable to assess whether inside or outside the disengagement area	Small arms	16-Feb, 11:01
	2-3km SSW	Heard	9	Burst	Assessed as outside the disengagement area	Small arms	16-Feb, 13:05
	2-3km SSW	Heard	5	Shot	Assessed as outside the disengagement area	Small arms	16-Feb, 13:05
	3km S	Heard	9	Burst	Assessed as outside the disengagement area	HMG	16-Feb, 13:22-13:24
	3-4km SE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	16-Feb, 13:45
	3-4km SE	Heard	1	Shot	Assessed as outside the disengagement area	Small arms	16-Feb, 13:45-13:50
	About 2km NE of Pyshchevyk (government-controlled, 84km S of Donetsk)	2-4km WSW	Heard	12	Shot		Small arms
2-4km WSW		Heard	3	Burst		Small arms	16-Feb, 11:05
2-4km SE		Heard	1	Explosion	Undetermined	N/K	16-Feb, 11:09
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-3km E	Heard	1	Explosion	Undetermined	N/K	15-Feb, 19:03
	3-4km E	Heard	2	Explosion	Undetermined	N/K	15-Feb, 19:09
	3-4km E	Heard	2	Explosion	Undetermined	N/K	15-Feb, 19:22
	3-4km E	Heard	2	Burst		HMG	15-Feb, 19:30
	2-3km E	Heard	12	Shot		Small arms	15-Feb, 19:33
	2-3km E	Heard	4	Burst		HMG	15-Feb, 19:34
	2-3km ESE	Heard	3	Shot		HMG	15-Feb, 20:15
	2-3km E	Heard	5	Shot		Small arms	15-Feb, 21:07
	2-3km ESE	Heard	2	Burst		HMG	15-Feb, 23:45
	2-3km ESE	Heard	7	Shot		Small arms	15-Feb, 23:58
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	1-2km SSE	Heard	1	Explosion	Undetermined	N/K	16-Feb, 08:17
	3-5km SW	Recorded	1	Projectile	ENE to WSW	N/K	16-Feb, 18:02
	3-5km SW	Recorded	1	Projectile	ENE to WSW	N/K	16-Feb, 18:03
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	3-5km SW	Recorded	5	Projectile	ENE to WSW	N/K	16-Feb, 18:04
	2-4km E	Recorded	8	Explosion	Undetermined, (assessed as outside the disengagement area)	N/K	15-Feb, 22:56

	3-4km E	Recorded	1	Illumination flare	In vertical flight (assessed as outside the disengagement area)	N/K	15-Feb, 23:34
	3-5km E	Recorded	1	Illumination flare	In vertical flight (assessed as outside the disengagement area)	N/K	15-Feb, 23:35
	4-6km E	Recorded	3	Projectile	NW to SE (assessed as outside the disengagement area)	N/K	15-Feb, 23:36
	2-3km E	Recorded	1	Projectile	S to N (assessed as outside the disengagement area)	N/K	15-Feb, 23:38
	3-5km E	Recorded	1	Explosion	Undetermined, (assessed as outside the disengagement)	N/K	16-Feb, 18:10
Holubivske (non-government-controlled, 51km W of Luhansk)	3-4km ENE	Heard	2	Burst		HMG	16-Feb, 09:25-09:33
	3-4km ENE	Heard	8	Shot		Small arms	16-Feb, 09:25-09:33
	800m W	Heard	1	Explosion	Outgoing	Artillery (type N/K)	16-Feb, 09:38
	3-4km ENE	Heard	16	Burst		HMG	16-Feb, 09:44-09:50
E edge of Popasna (government-controlled, 69km W of Luhansk)	6-8km NNE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	16-Feb, 09:40
About 3km SE of Bobrove (government-controlled, 56km NW of Luhansk)	3-5km SSE	Heard	6	Burst		HMG	16-Feb, 09:45-09:47
Kalynove (non-government-controlled, 60km W of Luhansk)	2-3km NNW	Heard	3	Shot		Small arms	16-Feb, 09:56-06:56
About 2km SW of Zolote-5/Mykhailivka (non-government-controlled, 58km W of Luhansk)	8-10km NNE	Heard	1	Explosion	Undetermined	N/K	16-Feb, 10:24-10:37
	8-10km NNE	Heard	3	Burst		HMG	16-Feb, 10:24-10:37
	8-10km NNE	Heard	3	Shot		HMG	16-Feb, 10:24-10:37
	6-8km SSW	Heard	2	Shot		HMG	16-Feb, 10:24-10:37
3km SW of Muratove (government-controlled, 51km NW of Luhansk)	2-3km S	Heard	9	Explosion	Undetermined	N/K	16-Feb, 10:25-10:30
	2-3km S	Heard	3	Burst		HMG	16-Feb, 10:25-10:30
	3-4km S	Heard	2	Explosion	Undetermined	N/K	16-Feb, 11:01-11:05
	3-4km S	Heard	6	Burst		HMG	16-Feb, 11:01-11:05
Shyshkove (non-government-	3-4km SSE	Heard	63	Shot		HMG	16-Feb, 10:28-10:30



controlled, 11km NW of Luhansk)	3-4km SSE	Heard	18	Burst		Small arms	16-Feb, 10:43-10:48
About 1km SW of Berezivske (non-government-controlled, 53km NW of Luhansk)	2-3km SSW	Heard	12	Shot (assessed as outside the Zolote disengagement area)		Small arms	16-Feb, 12:24-12:30
	2-3km W	Heard	13	Shot (assessed as outside the Zolote disengagement area)		Small arms	16-Feb, 12:24-12:30
	5-6km NNE	Heard	14	Burst (assessed as outside the Zolote disengagement area)		HMG	16-Feb, 12:37-12:52
	2-3km W	Heard	8	Burst (assessed as outside the Zolote disengagement area)		HMG	16-Feb, 12:37-12:52
	5-6km NNW	Heard	1	Explosion (assessed as outside the Zolote disengagement area)	Undetermined	N/K	16-Feb, 12:37-12:52

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 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).