

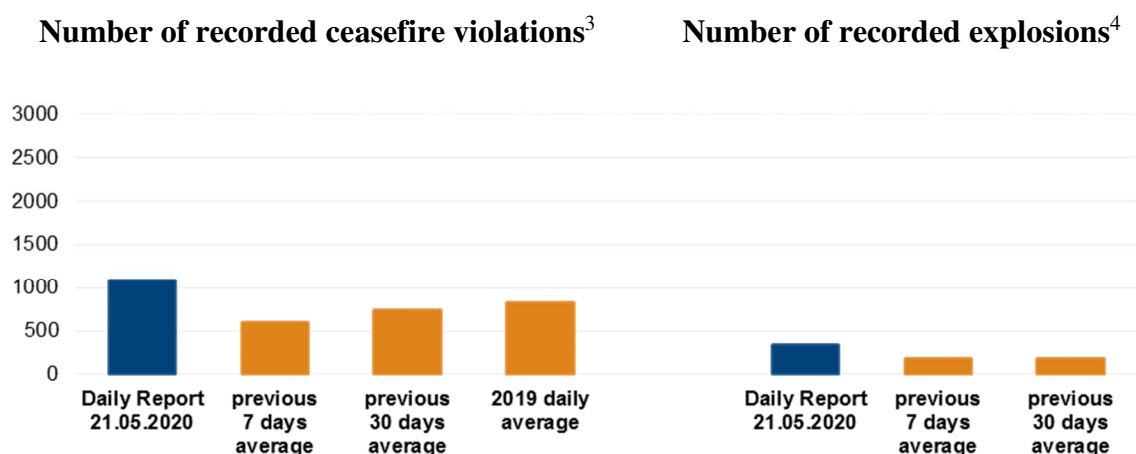
Daily Report 120/2020

21 May 2020¹

Summary

- Compared with the previous reporting period, the Mission recorded fewer ceasefire violations in Donetsk region and more in Luhansk region.
- The SMM followed up on reports of a woman hit by a bullet at a bus stop in Olenivka, Donetsk region.
- Members of the armed formations continued to deny the Mission passage at checkpoints along official crossing routes in Donetsk and Luhansk regions.*
- The SMM continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske. Inside the disengagement area near Petrivske, it recorded ceasefire violations and spotted ongoing excavation and construction works to former positions of the armed formations.
- The Mission saw weapons in violation of withdrawal lines in non-government-controlled areas of Luhansk region.
- The Mission continued following up on measures taken 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, including at a checkpoint of the armed formations near Staromykhailivka, Donetsk region.*

Ceasefire violations²



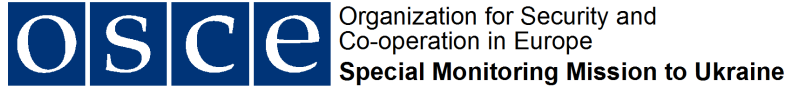
¹ Based on information from the Monitoring Teams as of 19:30, 20 May 2020. All times are in Eastern European Summer Time.

² For a complete breakdown of ceasefire violations, please see the annexed table. During the reporting period, the SMM camera in Petrivske was not operational.

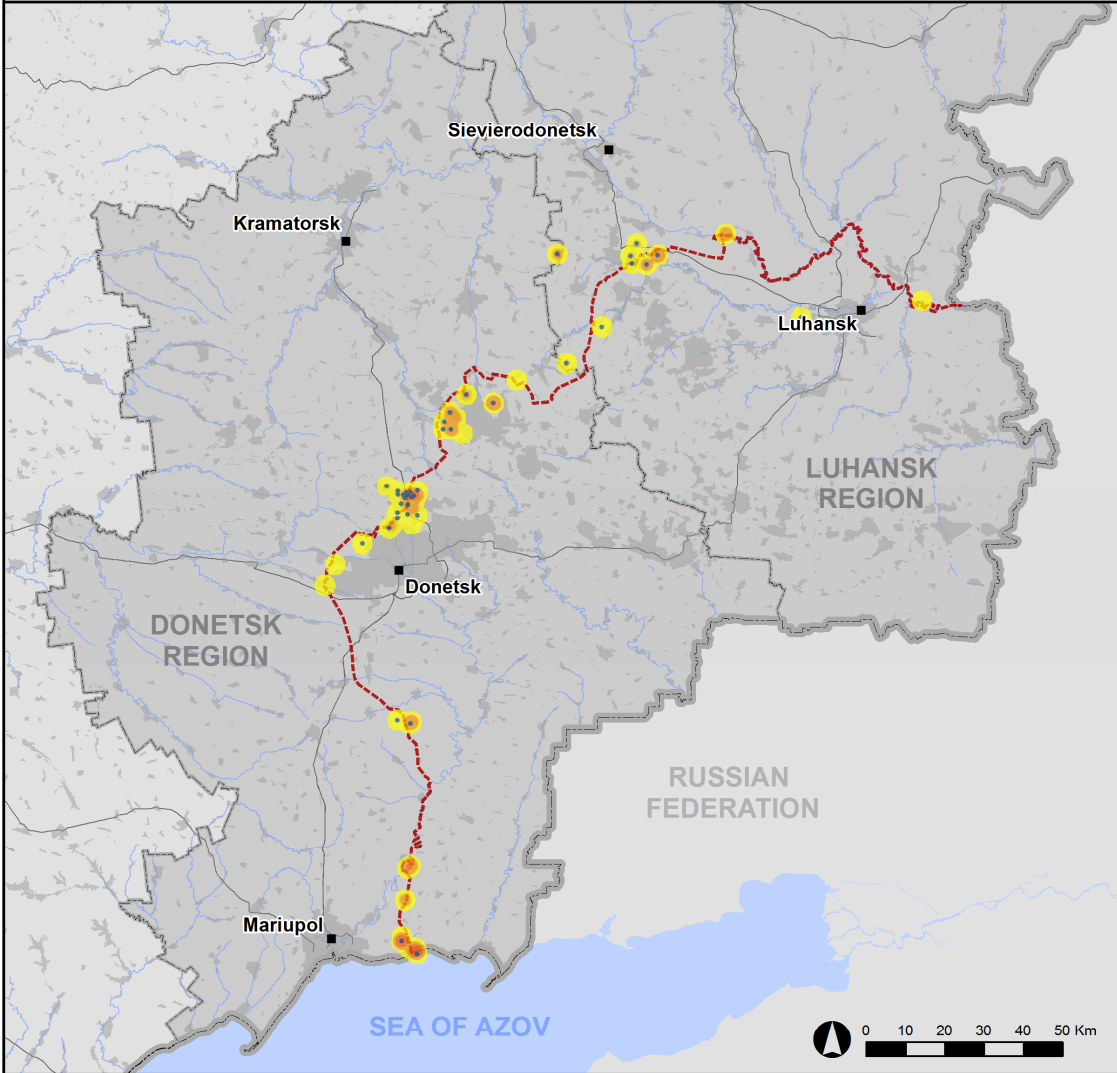
³ Including explosions.

⁴ Including from unidentified weapons.

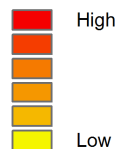
Map of recorded ceasefire violations



Ceasefire violations observed by the SMM 20 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: 21/05/2020

In Donetsk region, the SMM recorded fewer ceasefire violations, including fewer explosions (about 200), compared with the [previous reporting period](#) (about 300 explosions). The majority of ceasefire violations, including the majority of explosions, were recorded near the Donetsk Filtration Station (DFS) (15km north of Donetsk) (see below), at westerly directions of Sakhanka (non-government-controlled, 97km south of Donetsk), in areas north-east and north-west of Horlivka (non-government-controlled, 39km north-east of Donetsk) and in areas north of Shyrokyne (government-controlled, 100km south of Donetsk).

In Luhansk region, the SMM recorded more ceasefire violations, including more explosions (about 135), compared with the [previous reporting period](#) (about 120 explosions). The majority of ceasefire violations, including the majority of explosions, were recorded at northerly directions of Kadiivka (formerly Stakhanov, non-government-controlled, 50km west of Luhansk), at north-easterly and north-westerly directions of the disengagement area near Zolote (government-controlled, 60km west of Luhansk) (see below) and in areas south of Kriakivka (government-controlled, 38km north-west of Luhansk).

Woman hit by bullet at bus stop in Olenivka

On 20 May, medical personnel at a hospital in non-government-controlled Donetsk city told the SMM that on the evening of 19 May a woman had been admitted with a bullet injury to her left shoulder. Medical staff added that the woman had undergone surgery on 20 May. The same day, the woman (in her fifties) told the SMM that on the evening of 19 May, while sitting at a bus stop in Olenivka (non-government-controlled, 23km south-west of Donetsk) with her husband, she had felt a blow to her left shoulder; she also said that about 20 minutes beforehand, she had heard explosions in the area. The bus stop at which the woman had sustained the bullet injury is located about 300m east of a checkpoint of the armed formations near Olenivka along an official crossing route, currently closed to civilians (see below), and within a 500m radius of a position of the armed formations.

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.⁵

In Donetsk region, at a checkpoint north of Horlivka, two armed members of the armed formations [again](#) denied the SMM passage towards non-government-controlled areas, referring to quarantine restrictions due to the COVID-19 outbreak. The SMM also continued to observe the presence of a metal barrier and spikes laid across the road, and of a mine hazard sign.*

In Luhansk region, at a checkpoint south of the Stanytsia Luhanska bridge (15km north-east of Luhansk), two members of the armed formations [again](#) denied the SMM passage

⁵ 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.

towards government-controlled areas, referring to quarantine restrictions due to the COVID-19 outbreak.*

Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske⁶

On 20 May, inside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), the Mission saw a van and four persons near booths near the checkpoint of the armed formations south of the Stanytsia Luhanska bridge. A member of the armed formations (wearing an armband with “JCCC” written on it) told the SMM that the four persons were laying power cables for the booths.

During the night between 19 and 20 May, the SMM camera near the **disengagement area near Zolote** recorded two undetermined explosions and four explosions assessed as impacts, as well as ten projectiles in flight, all at an assessed range of 4-6km east-north-east and east (assessed as outside the disengagement area but within 5km of its periphery).

On 20 May, the Mission saw six members of the armed formations (wearing armbands with “JCCC” written on them) near the southern edge of the disengagement area.

On the same day, outside the disengagement area, at the checkpoint of the Ukrainian Armed Forces 300m north of its northern edge, the SMM saw about 30 police officers (some of whom were wearing black and grey-green camouflage clothing), nine police vehicles and an ambulance.

On 18 May, inside **the disengagement area near Petrivske** (non-government-controlled, 41km south of Donetsk), an SMM mini-unmanned aerial vehicle (UAV) spotted ten of 150 [previously reported](#) anti-tank mines starting from the area’s northern edge and running south for about 350m. Outside the disengagement area, in a field north of the road between Bohdanivka (government-controlled, 41km south-west of Donetsk) and Petrivske, an SMM mini-UAV [again](#) spotted four anti-tank mines. All these mines were assessed as belonging to the Ukrainian Armed Forces.

Inside the disengagement area, about 20m west of its eastern edge and 350m north of its southern edge, the UAV spotted a 10m-long extension to a wooden structure covering part of an existing trench as well as new panels on the roof of a covered vehicle position (both not visible in imagery from 28 April 2020) and, for the first time, a 3m-long trench extension in a westerly direction, all assessed as belonging to the armed formations (for previous observations in the area, see [SMM Daily Report 1 May 2020](#)). Outside the disengagement area, about 200m north-west of the area’s north-eastern corner, the same UAV spotted for the first time a bunker made of logs, walls and a roof structure, as well as a pile of logs lying nearby, near a position of the armed formations cutting through the aforementioned road between Bohdanivka and Petrivske. Also outside the disengagement area, about 200m east of its eastern edge and 250m south of Petrivske, the UAV [again](#) spotted 40 of 60 previously reported anti-tank mines (probable TM-62), assessed as belonging to the armed formations.

On 20 May, while positioned at two locations near the disengagement area, the SMM heard seven undetermined explosions and 46 bursts and shots of small-arms and heavy-

⁶ Disengagement is foreseen in the Framework Decision of the Trilateral Contact Group relating to disengagement of forces and hardware of 21 September 2016.

machine-gun fire, all assessed as inside the disengagement area, as well as an undetermined explosion (unable to be assessed as inside or 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 Mission saw six weapons in violation of withdrawal lines in non-government-controlled areas of Luhansk region. It also observed a tank beyond withdrawal lines but outside of designated storage sites in a government-controlled area of Donetsk region (for further details, see the tables below).

Indications of military and military-type presence inside the security zone⁷

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

SMM facilitation of repairs to and operation of critical civilian infrastructure⁸

The SMM facilitated and monitored adherence to a localised ceasefire to enable repairs to a power substation in Uzhyvka (formerly Leninske, non-government-controlled, 96km south of Donetsk), during which it heard about 190 ceasefire violations, including an undetermined explosion.

The SMM continued to facilitate the operation of the DFS. While positioned at four locations near the DFS, the Mission recorded about 55 explosions, including two assessed as outgoing, as well as bursts and shots of small-arms and heavy-machine-gun fire, all assessed as within a 5km radius of the DFS.

Measures taken at entry-exit checkpoints and corresponding checkpoints amid COVID-19 outbreak

In Donetsk region, the SMM noted that the entry-exit checkpoint (EECP) near Hnutove (government-controlled, 90km south of Donetsk), as well as the EECP near Maiorsk (government-controlled, 45km north-east of Donetsk) and its corresponding checkpoint near Horlivka, remained closed.*

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

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

⁸ In the SMM Daily Report 20 May 2020 the water treatment plant close to Betmanove should have been reported as operational.

The Mission again saw checkpoints assessed as set up amid the COVID-19 outbreak in non-government-controlled areas of Luhansk region, namely on the southern outskirts of Kadiivka, on the eastern outskirts of Pervomaisk (58km west of Luhansk) and on the western outskirts of Brianka (46km south-west of Luhansk). The SMM observed no members of the armed formations at these checkpoints.

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, [SMM Daily Report 19 May 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), two members of the armed formations [again](#) denied the SMM passage towards government-controlled areas, referring to quarantine restrictions due to the COVID-19 outbreak.
- At a checkpoint north of Horlivka (non-government-controlled, 39km north-east of Donetsk), two armed members of the armed formations [again](#) denied the SMM passage towards non-government-controlled areas, referring to quarantine restrictions due to the COVID-19 outbreak. The SMM also continued to observe the presence of a metal barrier and spikes laid across the road and of a mine hazard sign.
- At a checkpoint near Staromykhailivka (non-government-controlled, 15km west of Donetsk), two armed members of the armed formations denied the SMM passage.

Regular restrictions related to disengagement areas and mines/UXO:

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

Delay:

- At a checkpoint near Shevchenko (non-government-controlled, 82km south of Donetsk), two members of the armed formations allowed the SMM passage into the settlement only after about 30 minutes of waiting.

Conditional access:

- Near Ozerianivka (non-government-controlled, 35km north-east of Donetsk), two members of the armed formations allowed the SMM to conduct a mini-UAV flight only while in their presence and only over a certain area to follow up on reports of damage in the settlement. They then remained near the patrol while it conducted the flight.

Other impediments:

- On 20 May, staff at a morgue in Kadiivka (formerly Stakhanov, non-government-controlled, 50km west of Luhansk), at a hospital in Brianka (non-government-controlled, 46km south-west of Luhansk) and a member of the armed formations in Alchevsk (non-government-controlled, 40km west of Luhansk) declined to share information with the SMM.

Table of weapons

Weapons in violation of withdrawal lines

Date	No. of weapons	Type of weapons	Location	Source of observation
Non-government-controlled areas				
18/05/2020	2	Probable multiple launch rocket system (BM-21 <i>Grad</i> , 122mm)	In a compound near Bohdanivka (44km west of Luhansk)	Mini-UAV
	1	Probable self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm)		
20/05/2020	3	Anti-tank gun (MT-12 <i>Rapira</i> , 100mm)	In Kadiivka (formerly Stakhanov, 50km west of Luhansk)	Patrol

Weapons beyond withdrawal lines but outside of designated storage sites

Date	No. of weapons	Type of weapon	Location	Source of observation
Government-controlled areas				
20/05/2020	1	Tank (T-72)	In Mariupol (government-controlled, 102km south of Donetsk)	Patrol

Table of military and military-type presence in the security zone⁹

Date	No.	Type	Location	Source of observation
Government-controlled areas				
15/05/2020	1	Probable anti-aircraft gun (ZU-23, 23mm)	Near Svitlodarsk (57km north-east of Donetsk)	Mini-UAV
17/05/2020	2	Infantry fighting vehicle (one BMP-1 and one BMP-2)	In a residential area in Orikhove-Donetske (44km north-west of Luhansk)	
19/05/2020	5	Armoured personnel carrier (BTR-80)	Near Novohnativka (40km south of Donetsk)	
	1	Infantry fighting vehicle (BMP-1)	Near Lopaskyne (23km north-west of Luhansk)	
	1	Probable armoured personnel carrier (BTR variant)	Near Lobacheve (17km north-west of Luhansk)	
20/05/2020	1	Anti-aircraft gun (ZU-23, 23mm)	In Popasna (69km west of Luhansk)	
		Armoured personnel carrier (BTR-80)		Patrol
	1	Infantry fighting vehicle (BMP-2)	In Novozvanivka (70km west of Luhansk)	Patrol
Non-government-controlled areas				
17/05/2020	1	Armoured combat vehicle	In Bezimenne (100km south of Donetsk)	Aerial imagery

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

Table of ceasefire violations as of 20 May 2020¹⁰

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	6-8km ESE	Recorded	1	Explosion	Undetermined (also recorded by the SMM cameras at DFS and at Oktiabr mine)	N/K	19-May, 22:05
	6-8km SE	Recorded	1	Projectile	WNW to ESE (also recorded by the SMM cameras at DFS and at Oktiabr mine)	N/K	19-May, 22:05
	6-8km SE	Recorded	1	Projectile	NNW to SSE (also recorded by the SMM cameras at DFS and at Oktiabr mine)	N/K	19-May, 22:05
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-3km SSE	Recorded	7	Projectile	W to E	N/K	19-May, 20:31
	2-3km SSE	Recorded	5	Projectile	W to E	N/K	19-May, 20:32
	2-3km SSE	Recorded	4	Projectile	W to E	N/K	19-May, 20:34
	2-3km SSE	Recorded	5	Projectile	W to E	N/K	19-May, 20:35
	2-3km SSE	Recorded	1	Projectile	W to E	N/K	19-May, 20:43
	2-3km SSE	Recorded	3	Projectile	W to E	N/K	19-May, 20:48
	2-3km SE	Recorded	2	Projectile	NE to SW	N/K	19-May, 20:48
	2-3km SE	Recorded	32	Projectile	NE to SW	N/K	19-May, 20:49
	2-3km SE	Recorded	8	Projectile	NE to SW	N/K	19-May, 20:51
	2-3km SE	Recorded	8	Projectile	NE to SW	N/K	19-May, 20:52
	2-3km SSE	Recorded	4	Projectile	W to E	N/K	19-May, 21:08
	SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	3-4km ESE	Recorded	1	Projectile	SSW to NNE	N/K
3-4km ESE		Recorded	1	Projectile	SSW to NNE	N/K	20-May, 00:17
3-4km ESE		Recorded	9	Projectile	SSW to NNE	N/K	20-May, 00:18
3-4km ESE		Recorded	9	Projectile	SSW to NNE	N/K	20-May, 00:19
3-4km ESE		Recorded	1	Projectile	SSW to NNE	N/K	20-May, 01:12
3-4km ESE		Recorded	3	Projectile	SSW to NNE	N/K	20-May, 01:14
SMM camera at entry-exit	1-3km NNE	Recorded	2	Projectile	WSW to ENE	N/K	20-May, 01:18

¹⁰ 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.

checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	1-3km NNE	Recorded	2	Projectile	WSW to ENE	N/K	20-May, 01:19
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	4-6km WSW	Recorded	1	Projectile	N to S	N/K	19-May, 21:19
	4-6km WSW	Recorded	1	Explosion	Impact, subsequent to previous event	N/K	19-May, 21:19
	4-6km WSW	Recorded	2	Muzzle flash		N/K	19-May, 21:51
	4-6km WSW	Recorded	2	Muzzle flash		N/K	19-May, 22:47
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	19-May, 21:56
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	19-May, 22:11
	2-4km NE	Recorded	3	Projectile	W to E	N/K	19-May, 23:51
	3-5km NE	Recorded	13	Projectile	W to E	N/K	19-May, 23:52
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	3-5km N	Recorded	2	Projectile	E to W	N/K	19-May, 20:53
	3-5km N	Recorded	3	Projectile	E to W	N/K	19-May, 21:13
	3-5km N	Recorded	9	Projectile	ESE to WNW	N/K	19-May, 21:15
	3-5km N	Recorded	1	Projectile	E to W	N/K	19-May, 21:16
	3-5km N	Recorded	1	Muzzle flash		N/K	19-May, 21:39
	3-5km N	Recorded	3	Projectile	E to W	N/K	19-May, 21:39
	3-5km N	Recorded	2	Projectile	E to W	N/K	19-May, 21:40
	3-5km N	Recorded	6	Projectile	E to W	N/K	19-May, 21:48
	3-5km N	Recorded	2	Projectile	E to W	N/K	19-May, 21:49
	3-5km N	Recorded	9	Projectile	E to W	N/K	19-May, 21:57
	3-5km N	Recorded	6	Projectile	E to W	N/K	19-May, 22:06
	3-5km N	Recorded	5	Projectile	E to W	N/K	19-May, 22:07
	3-5km N	Recorded	6	Projectile	ESE to WNW	N/K	19-May, 22:09
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	19-May, 22:09
	3-5km N	Recorded	1	Muzzle flash		N/K	19-May, 22:09
	3-5km N	Recorded	2	Projectile	E to W	N/K	19-May, 22:10
	3-5km N	Recorded	7	Projectile	W to E	N/K	19-May, 22:11
	3-5km N	Recorded	4	Projectile	E to W	N/K	19-May, 22:11
	3-5km N	Recorded	4	Projectile	SE to NW	N/K	19-May, 22:12
	3-5km N	Recorded	10	Projectile	E to W	N/K	19-May, 22:14
3-5km N	Recorded	10	Projectile	SE to NW	N/K	19-May, 22:15	
3-5km N	Recorded	2	Projectile	SE to NW	N/K	19-May,	

							22:16
	3-5km N	Recorded	37	Projectile	SE to NW	N/K	19-May, 22:19
	3-5km N	Recorded	1	Projectile	SE to NW	N/K	19-May, 22:20
	3-5km N	Recorded	1	Projectile	SE to NW	N/K	19-May, 22:21
	3-5km N	Recorded	5	Projectile	SE to NW	N/K	19-May, 22:22
	3-5km N	Recorded	9	Projectile	SE to NW	N/K	19-May, 22:22
	3-5km N	Recorded	3	Projectile	SE to NW	N/K	19-May, 22:25
	3-5km N	Recorded	3	Projectile	SE to NW	N/K	19-May, 22:40
	3-5km N	Recorded	1	Projectile	ESE to WNW	N/K	19-May, 23:31
	3-5km N	Recorded	1	Projectile	WSW to ENE	N/K	20-May, 00:18
	4-6km N	Recorded	1	Projectile	E to W	N/K	20-May, 02:37
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km WSW	Recorded	2	Projectile	ENE to WSW	N/K	20-May, 01:26
	3-5km WSW	Recorded	1	Projectile	In vertical flight	N/K	20-May, 03:03
	3-5km WSW	Recorded	1	Projectile	NNE to SSW	N/K	20-May, 03:04
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-1.5km SW	Heard	14	Shot		Small arms	20-May, 10:57-10:59
	1-1.5km SW	Heard	3	Burst		Small arms	20-May, 10:57-10:59
	2-2.5km SW	Heard	10	Shot		Small arms	20-May, 11:57-12:00
	2-2.5km SW	Heard	3	Burst		Small arms	20-May, 11:57-12:00
	3-5km W	Heard	1	Explosion	Undetermined	N/K	20-May, 13:30
	3-5km NW	Heard	1	Explosion	Undetermined	N/K	20-May, 13:38
	3-4km N	Heard	2	Explosion	Undetermined	N/K	20-May, 14:03
	2-2.5km NNW	Heard	8	Explosion	Undetermined	N/K	20-May, 14:04-14:13
	2-2.5km NNW	Heard	25	Burst		HMG	20-May, 14:04-14:13
	2-2.5km NNW	Heard	30	Burst		Small arms	20-May, 14:04-14:13
	2-3km N	Heard	4	Burst		HMG	20-May, 14:39
	2-2.5km N	Heard	10	Burst		HMG	20-May, 14:44-14:47
	2-2.5km N	Heard	15	Burst		Small arms	20-May, 14:44-14:47
Staromykhailivka (non-government-	3-4km WSW	Heard	5	Burst		HMG	20-May, 10:07

controlled, 15km W of Donetsk)							
About 2km SE of Sakhanka (non-government-controlled, 97km S of Donetsk)	1-2km SSW	Heard	1	Explosion	Undetermined	N/K	20-May, 10:57
	1km SW	Heard	29	Shot		Small arms	20-May, 11:53
	1-2km W	Heard	3	Shot		Small arms	20-May, 11:56
	1km SW	Heard	15	Shot		Small arms	20-May, 11:58
	1km SW	Heard	1	Burst		Small arms	20-May, 11:58
	2-3km W	Heard	5	Burst		HMG	20-May, 12:02
	2-3km W	Heard	6	Burst		Small arms	20-May, 12:02
	2km W	Heard	11	Shot		Small arms	20-May, 12:21
	1km SW	Heard	30	Shot		Small arms	20-May, 12:23
	1km SW	Heard	2	Shot		Small arms	20-May, 12:29
	1km SW	Heard	7	Shot		Small arms	20-May, 13:15
	1km SW	Heard	3	Burst		Small arms	20-May, 13:15
	1-2km W	Heard	6	Shot		Small arms	20-May, 13:20
	1km W	Heard	2	Shot		Small arms	20-May, 13:23
	1km W	Heard	5	Shot		Small arms	20-May, 13:35
	1km W	Heard	7	Burst		Small arms	20-May, 13:35
	1km SW	Heard	31	Burst		HMG	20-May, 14:42
	1km SW	Heard	9	burst		Small arms	20-May, 15:04
	1km SW	Heard	20	Shot		Small arms	20-May, 15:04
	About 300m SE of Ozerianivka (non-government-controlled, 35km NE of Donetsk)	6-8km NW	Heard	12	Explosion	Undetermined	N/K
Horlivka (non-government-controlled, 39km NE of Donetsk)	1-2km SW	Heard	5	Burst		Small arms	19-May, 21:34-21:35
	5-7km W	Heard	1	Explosion	Undetermined	N/K	19-May, 21:45
	3-5km W	Heard	38	Burst		HMG	19-May, 21:50-21:58
	3-5km NW	Heard	11	Burst		HMG	20-May, 02:42-02:45
	3-5km NW	Heard	10	Burst		HMG	20-May, 04:11-04:12
	5-7km NW	Heard	8	Explosion	Undetermined	N/K	20-May, 05:14-05:19
	3-5km W	Heard	6	Explosion	Undetermined	N/K	20-May, 05:35-

							05:36
	5-7km NW	Heard	4	Explosion	Undetermined	N/K	20-May, 05:44- 05:45
	5-7km NW	Heard	8	Explosion	Undetermined	N/K	20-May, 05:47- 05:48
	5-7km NW	Heard	6	Explosion	Undetermined	N/K	20-May, 05:56- 05:57
	8-11km NE	Heard	20	Explosion	Undetermined	N/K	20-May, 13:58- 14:18
	8-11km NE	Heard	21	Explosion	Undetermined	N/K	20-May, 14:41- 15:16
	8-11km NE	Heard	14	Explosion	Undetermined	N/K	20-May, 15:23- 15:59
About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	2-3km SSW	Heard	1	Explosion	Undetermined (assessed as inside the disengagement area)	N/K	20-May, 12:05
	1-3km SSW	Heard	20	Burst	Assessed as inside disengagement area	HMG	20-May, 12:07
	1-3km SSW	Heard	20	Burst	Assessed as inside disengagement area	Small arms	20-May, 12:07
	2-3km SSW	Heard	1	Explosion	Undetermined (assessed as inside disengagement area)	N/K	20-May, 12:12
	2-3km SSW	Heard	5	Explosion	Undetermined (assessed as inside disengagement area)	N/K	20-May, 12:13
	2-3km SSW	Heard	6	Burst	Assessed as inside disengagement area	HMG	20-May, 12:13
About 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	N/K SE	Heard	1	Explosion	Undetermined (unable to assess whether inside or outside the disengagement area)	N/K	20-May, 13:15
About 1.5km E of Avdiivka (government-controlled, 17km N of Donetsk)	3-5km NW	Heard	5	Explosion	Outgoing	N/K	20-May, 11:05- 11:10
	3-5km NW	Heard	2	Explosion	Outgoing	N/K	20-May, 11:20
	3-5km NW	Heard	2	Explosion	Outgoing	N/K	20-May, 11:22
	1-2km NE	Heard	1	Burst			20-May, 11:41
	3-5km S	Heard	2	Explosion	Outgoing	N/K	20-May, 12:08
	3-5km S	Heard	1	Explosion	Undetermined	N/K	20-May, 12:14
	3-4km E	Heard	1	Explosion	Undetermined	N/K	20-May, 12:25
	3-4km E	Heard	2	Explosion	Undetermined	N/K	20-May, 12:33- 12:36
	2-3km E	Heard	4	Burst	Undetermined	N/K	20-May, 12:33- 12:36
About 2.5km SE of Avdiivka (government-controlled, 17km	2-3km E	Heard	2	Explosion	Undetermined	N/K	20-May, 13:59
	3-4km S	Heard	2	Explosion	Undetermined	N/K	20-May, 14:01-

N of Donetsk)							14:02
	3-4km N	Heard	2	Explosion	Undetermined	N/K	20-May, 14:04
	3-4km N	Heard	2	Explosion	Undetermined	N/K	20-May, 14:05
	2-3km E	Heard	1	Explosion	Undetermined	N/K	20-May, 14:06
	2-3km E	Heard	2	Shot	Undetermined	HMG	20-May, 14:06
	2-3km N	Heard	4	Explosion	Undetermined	N/K	20-May, 14:13
	3-4km SE	Heard	1	Explosion	Undetermined	N/K	20-May, 14:13
	2-3km E	Heard	2	Explosion	Undetermined	N/K	20-May, 14:32
	3-4km NE	Heard	2	Explosion	Undetermined	N/K	20-May, 14:37
	3-4km NE	Heard	19	Explosion	Undetermined	N/K	20-May, 14:38-14:44
	2-3km E	Heard	14	Burst		HMG	20-May, 14:45
	4-5km NE	Heard	1	Explosion	Undetermined	N/K	20-May, 14:50
	2-3km NE	Heard	1	Explosion	Undetermined	N/K	20-May, 14:55
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	3km S	Heard	1	Explosion	Undetermined	N/K	20-May, 14:00
Entry-exit checkpoint near Maiorsk (government-controlled, 45km NE of Donetsk)	2-3km SE	Heard	3	Explosion	Undetermined	N/K	20-May, 10:44-10:46
	2-3km SE	Heard	6	Explosion	Undetermined	N/K	20-May, 10:46-10:51
	2-3km SE	Heard	6	Explosion	Undetermined	N/K	20-May, 10:57-11:01
	2-3km SE	Heard	3	Explosion	Undetermined	N/K	20-May, 11:31
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	2-4km SSW	Recorded	4	Projectile	NW to SE	N/K	19-May, 21:40
	2-4km SSW	Recorded	1	Muzzle flash		N/K	19-May, 21:47
	2-4km SSW	Recorded	34	Projectile	WNW to ESE	N/K	20-May, 01:52
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	19-May, 21:02
	4-6km E	Recorded	2	Explosion	Impact, subsequent to previous event (assessed as outside the disengagement area)	N/K	19-May, 21:02
	4-6km ENE	Recorded	1	Projectile	N to S (assessed as outside the disengagement area)	N/K	19-May, 21:03
	4-6km E	Recorded	1	Explosion	Impact, subsequent to previous event (assessed as outside the disengagement area)	N/K	19-May, 21:03
	4-6km ENE	Recorded	6	Projectile	N to S (assessed as	N/K	19-May,

					outside the disengagement area)		21:07
	4-6km ENE	Recorded	1	Projectile	N to S (assessed as outside the disengagement area)	N/K	19-May, 21:07
	4-6km E	Recorded	1	Explosion	Impact, subsequent to previous event (assessed as outside the disengagement area)	N/K	19-May, 21:07
	4-6km ENE	Recorded	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	20-May, 01:37
Kadiivka (formerly Stakhanov, non-government-controlled, 50km W of Luhansk)	14-16km N	Heard	51	Explosion	Undetermined	N/K	19-May, 19:32-19:48
Troitske (government-controlled, 69km W of Luhansk)	8-10km SSW	Heard	9	Explosion	Undetermined	N/K	20-May, 10:55-11:20
Pionerske (non-government-controlled, 19km E of Luhansk)	2-3km NNW	Heard	1	Shot	Undetermined	N/K	20-May, 11:55
W edge of Irmino (non-government-controlled, 54km W of Luhansk)	8-10km NNE	Heard	28	Explosion	Undetermined	N/K	20-May, 12:33-14:15
	10-12km SW	Heard	5	Explosion	Undetermined	N/K	20-May, 13:03-14:15
N edge of Popasna (government-controlled, 69km W of Luhansk)	5-10km NW	Heard	20	Explosion	Undetermined	N/K	20-May, 12:30-13:30
N edge of Hirske (government-controlled, 63km W of Luhansk)	5-8km SE	Heard	10	Explosion	Undetermined	N/K	20-May, 13:25-13:35
Luhansk city (non-government-controlled)	12-14km W	Heard	5	Explosion	Undetermined	N/K	20-May, 15:06-15:10

Map of Donetsk and Luhansk regions¹¹



¹¹The 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).