

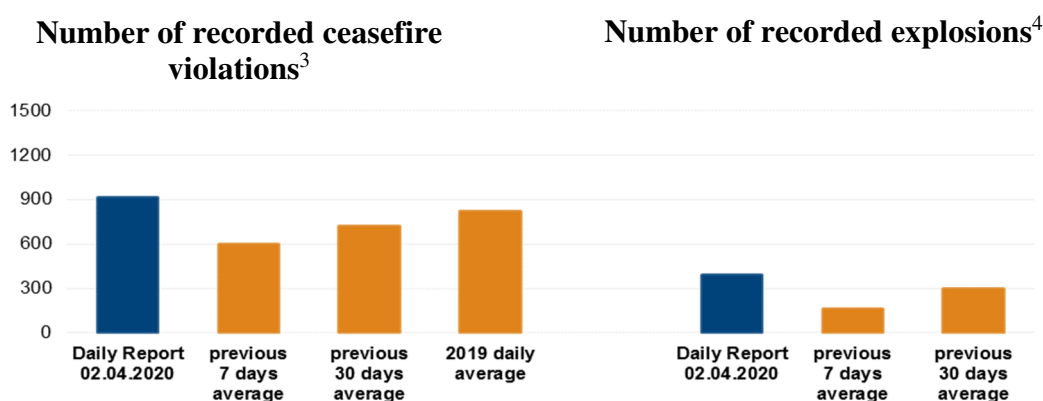
Daily Report 78/2020

2 April 2020¹

Summary

- Compared with the previous reporting period, the SMM recorded a similar number of ceasefire violations in Donetsk region and more in Luhansk region.
- Small-arms fire was assessed as aimed at an SMM mini-unmanned aerial vehicle flying over areas near Sentianivka, Luhansk region.
- Members of the armed formations continued to deny the SMM passage towards government- and non-government-controlled areas of Luhansk region at a checkpoint south of the Stanytsia Luhanska bridge.
- The Mission continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske.
- The SMM saw for the first time anti-tank mines near Troitske, Luhansk region.
- The SMM again saw that two entry-exit checkpoints of the Ukrainian Armed Forces in both Donetsk and Luhansk regions and a checkpoint of the armed formations in Luhansk region remained closed amid the COVID-19 outbreak. It also observed that two groups of people were allowed to cross in both directions across the Stanytsia Luhanska bridge.
- The SMM monitored adherence to localized ceasefires to enable demining activities in cemeteries in government-controlled areas of Luhansk region, as well as repairs to and construction of critical civilian infrastructure on both sides of the contact line.

Ceasefire violations²



¹ Based on information from the Monitoring Teams as of 19:30, 1 April 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 cameras at the Oktiabr mine were not operational.

³ Including explosions.

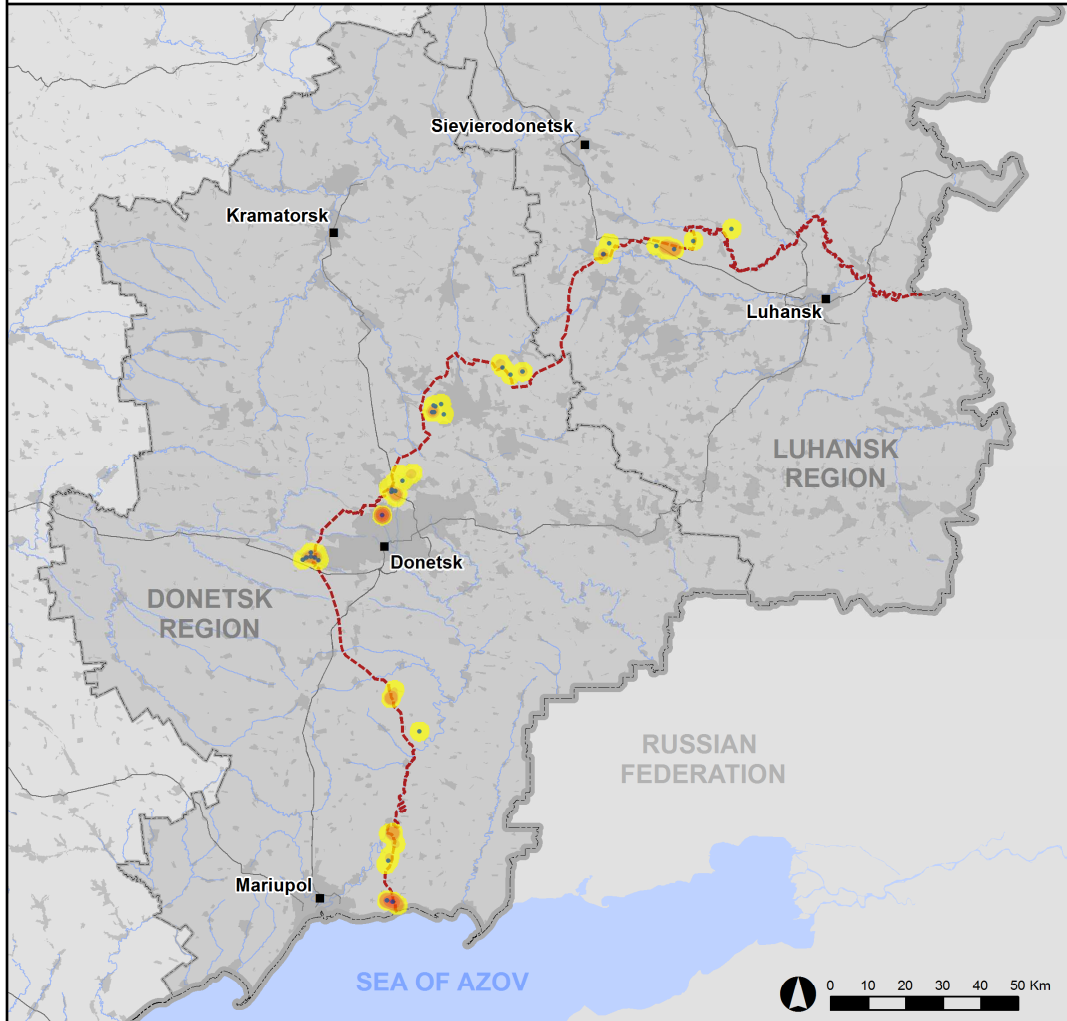
⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

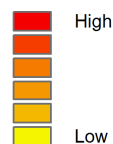


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 1 April 2020



Ceasefire violation concentration



- Explosion
- Settlement

..... Estimated line of contact

Sources: Administrative Boundaries - OCHA; Roads, Rivers - OpenStreetMap; Sea - VLIZ (2005); IHO Sea Areas; Other - OSCE.

Coordinate System: WGS 1984 UTM Zone 37N

This map is provided for illustrative purposes only. Its content is not warranted to be error-free and does not imply endorsement or acceptance by the OSCE SMM.

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Created: 02/04/2020

In Donetsk region, the SMM recorded a similar number of ceasefire violations, including, however, more explosions (about 325), compared with the [previous reporting period](#) (about 125 explosions). The majority of ceasefire violations were recorded at northerly directions of Shyrokyne (government-controlled, 100km south of Donetsk) and in areas north-west of non-government-controlled Donetsk city, where about 220 undetermined explosions were recorded.

In Luhansk region, the SMM recorded more ceasefire violations, including more explosions (about 65), compared with the [previous reporting period](#) (about 20). More than two thirds of ceasefire violations, including the majority of explosions, were recorded at northerly directions of Petrovenky (non-government-controlled, 40km west of Luhansk).

Small-arms fire assessed as directed at SMM mini-unmanned aerial vehicle near Sentianivka

While conducting a mini-unmanned aerial vehicle (UAV) flight over areas on the northern outskirts of Sentianivka (formerly Frunze, non-government-controlled, 44km west of Luhansk), the SMM heard 12 bursts and shots of small-arms fire at an assessed range of 2-3km north-north-east, assessed as targeting the UAV, which was flying about 2km north-north-east of the patrol's position. The Mission landed its UAV safely and left the area.*

Members of the armed formations continued to deny SMM passage at a checkpoint in Luhansk region

Members of the armed formations continued to deny the Mission passage at their checkpoint south of the Stanytsia Luhanska bridge (15km north-east of Luhansk) both towards government- and non-government-controlled areas. These restrictions constitute an impediment to the implementation of the Mission's mandate.^{5*}

Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske⁶

On 1 April, positioned inside **the disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), the SMM saw six members of the armed formations (wearing armbands with "JCCC" written on them) between the new span of the Stanytsia Luhanska bridge and their checkpoint south of it.

On the evening of 31 March, the SMM camera in Zolote (government-controlled, 60km west of Luhansk) recorded six undetermined explosions and ten projectiles in flight, all at an assessed range of 3-5km east. On the morning of 1 April, while positioned about 500m north-east of Orikhove (government-controlled, 57km north-west of Luhansk), the Mission heard two undetermined explosions at an assessed distance of 1.5km south. While positioned near a checkpoint of the armed formations on the southern edge of the disengagement area, the SMM heard an undetermined explosion at an assessed range of 5-7km east-north-east. All abovementioned ceasefire violations were assessed as outside the **disengagement area near Zolote** but within 5km of its periphery. On the same day, the SMM saw two members

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.

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

of the armed formations (wearing armbands with “JCCC” written on them) near the southern edge of the disengagement area.

During the day on 31 March, in areas north-west and south-west outside the **disengagement area near Petrivske** (non-government-controlled, 41km south of Donetsk), an SMM mini-UAV spotted two armoured combat vehicles (including an BMP variant) assessed as belonging to the Ukrainian Armed Forces.

On the evening of 31 March, the SMM camera 2km east of Bohdanivka (government-controlled, 41km south-west of Donetsk) recorded about 50 projectiles in flight and two muzzle flashes, all at an assessed range of 2-4km east and south-east and unable to be assessed as inside or outside the disengagement area.

During the day on 1 April, while positioned at two locations near the disengagement area near Petrivske, the SMM observed a calm situation.

Withdrawal of weapons

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

It saw two weapons in violation of withdrawal lines – one in a government-controlled area of Luhansk region and the other within a residential area of a non-government-controlled area in Donetsk region (for further details, see the table below).

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

The Mission observed armoured combat vehicles in government-controlled areas of Donetsk and Luhansk regions (for further details, see the table below).

Presence of anti-tank mines and unexploded ordnance near Molodizhne, Troitske and Rozsadky

On 30 March, an SMM mid-range UAV spotted for the first time about 200 anti-tank mines in two locations in fields about 4km south-east of Troitske (government-controlled, 69km west of Luhansk) and 40 anti-tank mines near [previously observed](#) anti-tank mines about 6km north-east of Rozsadky (62km north of Donetsk), all assessed as belonging to the Ukrainian Armed Forces.

On 1 April, the SMM saw for the first time a piece of unexploded ordnance (UXO), assessed as the tailfin of a rocket-propelled-grenade (RPG-7), about 2.7km south-west of Molodizhne (non-government-controlled, 63km west of Luhansk) and [again](#) saw two anti-tank mines about 2km south-west of Molodizhne. All these were located south of road T-0504.

On the same day, the SMM saw that a [previously observed](#) mine hazard sign on the pedestrian bridge near Staryi Aidar (government-controlled, 20km north-west of Luhansk) had been removed.

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

Measures at entry-exit checkpoints and their corresponding checkpoints along the contact line countering COVID-19 outbreak

In Donetsk region, the SMM noted that the entry-exit checkpoint (EECP) near Hnutove (government-controlled, 90km south of Donetsk) remained closed.

In Luhansk region, the Mission noted that the EECP in Stanytsia Luhanska and the corresponding checkpoint of the armed formations south of the Stanytsia Luhanska bridge remained closed to civilian movement.

On the morning of 1 April, at the EECP in Stanytsia Luhanska, the SMM saw about 40 people (mostly women of mixed ages, as well as two children), reportedly waiting to travel towards non-government-controlled areas. Later during the day, the SMM saw that 27 of them travelled towards non-government-controlled areas after State Border Guard Service of Ukraine personnel checked their identification documents. At a checkpoint of the armed formations 200m south of the Stanytsia Luhanska bridge, the SMM saw medical staff checking the temperature of all 27 people, who then boarded two buses reportedly travelling to a hospital in non-government-controlled Luhansk city.

Throughout the day, the SMM saw 14 people (mostly women of mixed ages and a child) traveling, and a coffin being transported, towards government-controlled areas from the aforementioned checkpoint, after members of the armed formations checked their identification documents. The SMM saw that the same group of 14 people entered government-controlled areas at the EECP in Stanytsia Luhanska, after State Border Guard Service of Ukraine personnel checked their documents. Near the EECP, the Mission saw that the people were having their temperature checked.

SMM facilitation of the operation, construction and repairs of critical infrastructure and of demining activities in cemeteries

The SMM facilitated and monitored adherence to localized ceasefires to enable the construction of a power line near the EECP close to Maiorsk (government-controlled, 45km north-east of Donetsk), repairs to water infrastructure in Krasnyi Lyman (non-government-controlled, 30km north-west of Luhansk) and water pipelines in Zolote-5/Mykhailivka (non-government-controlled, 58km west of Luhansk), as well as demining activities at cemeteries in Katerynivka (government-controlled, 64km west of Luhansk) and in Zolote-3/Stakhanovets (government-controlled, 61km west of Luhansk).

While positioned on the southern edge of Krasnyi Lyman, the SMM heard two undetermined explosions and saw four fire fighters aboard a truck arrive at the SMM's location, near the water infrastructure. The SMM also saw that some of the repair workers left the area. A representative of the *Luhansk Water Company* told the SMM that repairs had been suspended and that a crane had been damaged after reportedly having driven over a tripwire.

The Mission continued to facilitate the operation of the Donetsk Filtration Station (DFS). During the day on 1 April, while positioned at three locations near the DFS, the SMM heard three undetermined explosions and seven bursts and shots of small-arms and heavy-machine-gun fire, all assessed as within a 2.5km radius of the DFS.

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 UXO and other impediments – which vary from day to day. The SMM's mandate provides for safe and secure access throughout Ukraine. All signatories of the Package of Measures have agreed on the need for this safe and secure access, that restriction of the SMM's freedom of movement constitutes a violation, and on the need for rapid response to these violations. They have also agreed that the Joint Centre for Control and Co-ordination (JCCC) should contribute to such response and co-ordinate mine clearance. Nonetheless, the armed formations in parts of Donetsk and Luhansk regions frequently deny the SMM access to areas adjacent to Ukraine's border outside control of the Government (for example see [SMM Daily Report 28 March 2020](#)). The SMM's operations in Donetsk and Luhansk regions remain restricted following [the fatal incident of 23 April 2017 near Pryshyb](#); these restrictions continued to limit the Mission's observations.

Denial of access:

- At a checkpoint 200m south of the Stanytsia Luhanska bridge (15km north-east of Luhansk), members of the armed formations [again](#) denied the SMM passage once towards government-controlled areas and once towards non-government-controlled areas, citing “orders from superiors”.

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 31 March, an SMM long-range UAV experienced signal interference, assessed as caused by probable jamming, while flying over areas between government-controlled Stepanivka (54km north of Donetsk) and Krasnohorivka (21km west of Donetsk).
- On 1 April, while conducting a mini-UAV flight over areas near Sentianivka (formerly Frunze, non-government-controlled, 44km west of Luhansk), the SMM heard 12 bursts and shots of small-arms fire assessed as directed at its UAV (see above).

Weapons in violation of the withdrawal lines

Date	No.	Type	Location	Source of observation
Government-controlled areas				
1/04/2020	1	Anti-tank guided missile system (type undetermined)	East of Popasna (69km west of Luhansk)	Patrol
Non-government-controlled areas				
31/03/2020	1	Tank (probable T-64)	In a residential area of Novohryhorivka (61km north-east of Donetsk)	Long-range UAV

Beyond withdrawal lines but outside of designated storage sites

Date	No.	Type	Location	Source of observation
Non-government-controlled areas				
31/03/2020	26	Tank (20 probable T-64 and six probable T-72)	In a training area near Kruhlyk (31km south-west of Luhansk)	Long-range UAV

Table of military and military-type presence in the security zone⁸

Date	No.	Type	Location	Source of observation
Government-controlled areas				
30/03/2020	1	Armoured reconnaissance vehicle (BRDM-2)	Near Troitske (69km west of Luhansk)	Mid-range UAV
	1	Armoured personnel carrier (MT-LB) with a mounted anti-aircraft gun (ZU-23, 23mm)		
31/03/2020	1	Infantry fighting vehicle (probable BMP-1)	Near Slavne (26km south-west of Donetsk)	Long-range UAV
	5	Infantry fighting vehicle (three BMP variants and two probable BMP variants)	Near Taramchuk (29km south-west of Donetsk)	
	2	Armoured combat vehicle		
	1	Armoured combat vehicle	Near Berezove (31km south-west of Donetsk)	
	1	Armoured personnel carrier (a probable MT-LB variant)	Near Ozarianivka (formerly Pershe Travnja, 52km north of Donetsk)	
	4	Armoured combat vehicle (three BMP variant and one undetermined)	In Bohdanivka (41km south-west of Donetsk)	Mini-UAV
	1	Probable armoured personnel carrier (MT-LB)		
01/04/2020	1	Armoured personnel carrier (BTR-70)	Near Popasna	Patrol

⁸ 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 1 April 2020⁹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-4km ESE	Recorded	3	Projectile	NNE to SSW	N/K	31-Mar, 19:48
	2-4km ESE	Recorded	1	Projectile	NNE to SSW	N/K	31-Mar, 19:49
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 23:45
	4-6km ESE	Recorded	1	Explosion	Airburst	N/K	1-Apr, 18:45
SMM camera 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	2-4km SE	Recorded	2	Projectile	NNE to SSW (unable to be assessed as inside or outside the Petrivske disengagement area)	N/K	31-Mar, 21:26
	2-4km E	Recorded	2	Muzzle flash	Unable to be assessed as inside or outside the Petrivske disengagement area	N/K	31-Mar, 21:27
	2-4km SE	Recorded	10	Projectile	NNE to SSW (unable to be assessed as inside or outside the Petrivske disengagement area)	N/K	31-Mar, 21:27
	2-4km SE	Recorded	2	Projectile	NNE to SSW (unable to be assessed as inside or outside the Petrivske disengagement area)	N/K	31-Mar, 21:28
	2-4km SE	Recorded	20	Projectile	NNE to SSW (unable to be assessed as inside or outside the Petrivske disengagement area)	N/K	31-Mar, 21:34
	2-4km SE	Recorded	7	Projectile	NNE to SSW (unable to be assessed as inside or outside the Petrivske disengagement area)	N/K	31-Mar, 21:35
	2-4km SE	Recorded	1	Projectile	NNE to SSW (unable to be	N/K	31-Mar, 21:35

⁹ 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.

					assessed as inside or outside the Petrivske disengagement area)		
	2-4km E	Recorded	2	Projectile	N to S (unable to be assessed as inside or outside the Petrivske disengagement area)	N/K	31-Mar, 21:36
	2-4km E	Recorded	4	Projectile	N to S (unable to be assessed as inside or outside the Petrivske disengagement area)	N/K	31-Mar, 21:37
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-4km S	Recorded	3	Projectile	NNE to SSW	N/K	31-Mar, 21:03
	2-4km SSE	Recorded	1	Projectile	NE to SW	N/K	31-Mar, 21:21
	2-4km SSE	Recorded	32	Projectile	NE to SW	N/K	31-Mar, 21:22
	2-4km S	Recorded	1	Illumination flare	In vertical flight	N/K	31-Mar, 22:01
	2-4km SSE	Recorded	5	Projectile	NE to SW	N/K	1-Apr, 01:00
	2-4km SSE	Recorded	5	Projectile	NE to SW	N/K	1-Apr, 01:01
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	2-4km E	Recorded	2	Illumination flare	In vertical flight	N/K	31-Mar, 21:56
	2-4km ESE	Recorded	1	Projectile	NNE to SSW	N/K	31-Mar, 22:00
	2-4km ESE	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	31-Mar, 22:00
	2-4km ESE	Recorded	1	Illumination flare	In vertical flight	N/K	31-Mar, 22:01
	2-4km SE	Recorded	1	Illumination flare	In vertical flight	N/K	31-Mar, 22:01
	2-4km E	Recorded	5	Projectile	NNE to SSW	N/K	31-Mar, 22:01
	2-4km E	Recorded	1	Projectile	SSW to NNE	N/K	31-Mar, 22:01
SMM camera at entry-exit checkpoint in Hnutove (government-controlled, 90km S of Donetsk)	2-4km ENE	Recorded	5	Projectile	N to S	N/K	1-Apr, 01:00
	2-4km ENE	Recorded	5	Projectile	N to S	N/K	1-Apr, 01:01
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km N	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 22:27
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 22:27
	2-4km NW	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 22:54
	2-4km NW	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 22:56
	2-4km NNE	Recorded	1	Projectile	WSW to ENE	N/K	31-Mar, 23:00
	2-4km NNE	Recorded	1	Projectile	SW to NE	N/K	31-Mar, 23:01
	2-4km NW	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 23:01
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 23:04
	2-4km NNW	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 23:04
	2-4km N	Recorded	2	Explosion	Undetermined	N/K	31-Mar, 23:06
	2-4km NNE	Recorded	2	Projectile	SW to NE	N/K	31-Mar, 23:06
	2-4km NNW	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 23:06
	2-4km NNW	Recorded	2	Explosion	Undetermined	N/K	31-Mar, 23:08
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 23:09
	3-5km NNE	Recorded	1	Projectile	SW to NE	N/K	31-Mar, 23:12
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 23:12

	2-4km NNW	Recorded	2	Explosion	Undetermined	N/K	31-Mar, 23:13
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 23:13
	2-4km NNE	Recorded	1	Projectile	SW to NE	N/K	31-Mar, 23:13
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 23:15
	2-4km NW	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 23:15
	2-4km NNE	Recorded	2	Projectile	W to E	N/K	31-Mar, 23:16
	2-4km NNE	Recorded	2	Projectile	W to E	N/K	31-Mar, 23:18
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 23:18
	2-4km NW	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 23:18
	2-4km NNE	Recorded	5	Projectile	WSW to ENE	N/K	31-Mar, 23:19
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 23:20
	2-4km NNE	Recorded	3	Projectile	WSW to ENE	N/K	31-Mar, 23:20
	2-4km NNE	Recorded	2	Projectile	WSW to ENE	N/K	31-Mar, 23:21
	2-4km NNE	Recorded	1	Projectile	SSW to NNE	N/K	31-Mar, 23:22
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 23:23
	2-4km N	Recorded	2	Projectile	W to E	N/K	1-Apr, 04:06
	2-4km NNE	Recorded	4	Explosion	Undetermined	N/K	1-Apr, 04:06
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	1-Apr, 04:28
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	1-Apr, 04:31
	2-4km N	Recorded	1	Projectile	W to E	N/K	1-Apr, 04:31
	2-4km N	Recorded	1	Muzzle flash		N/K	1-Apr, 04:38
	2-4km N	Recorded	1	Projectile	W to E (subsequent to previous event)	N/K	1-Apr, 04:38
	2-4km N	Recorded	1	Projectile	W to E	N/K	1-Apr, 04:39
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	1-Apr, 04:41
	2-4km N	Recorded	1	Muzzle flash		N/K	1-Apr, 04:42
	2-4km N	Recorded	1	Projectile	W to E (subsequent to previous event)	N/K	1-Apr, 04:42
	2-4km N	Recorded	1	Muzzle flash		N/K	1-Apr, 04:43
	2-4km N	Recorded	1	Projectile	W to E (subsequent to previous event)	N/K	1-Apr, 04:43
	2-4km N	Recorded	1	Projectile	W to E	N/K	1-Apr, 04:45
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	1-Apr, 04:46
	2-4km NNW	Recorded	1	Explosion	Undetermined	N/K	1-Apr, 04:46
SMM camera 1km SW of Shyrokyne (government- controlled, 100km S of Donetsk)	3-5km NNE	Recorded	6	Projectile	SE to NW	N/K	31-Mar, 20:05
	3-5km NNE	Recorded	14	Projectile	SE to NW	N/K	31-Mar, 20:11
	3-5km NNE	Recorded	17	Projectile	SE to NW	N/K	31-Mar, 20:14
	3-5km NNE	Recorded	4	Projectile	SE to NW	N/K	31-Mar, 20:15
	3-5km N	Recorded	2	Projectile	SE to NW	N/K	31-Mar, 20:18
	3-5km N	Recorded	2	Projectile	SE to NW	N/K	31-Mar, 20:22
	3-5km NE	Recorded	4	Projectile	SE to NW	N/K	31-Mar, 20:26
	3-5km NE	Recorded	11	Projectile	SE to NW	N/K	31-Mar, 20:27
	3-5km NE	Recorded	21	Projectile	SE to NW	N/K	31-Mar, 20:50
	3-5km NNE	Recorded	1	Muzzle flash		N/K	31-Mar, 21:06
	3-5km NNE	Recorded	1	Projectile	SE to NW (subsequent to previous event)	N/K	31-Mar, 21:06
	3-5km N	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	31-Mar, 21:06
	3-5km N	Recorded	15	Projectile	SE to NW	N/K	31-Mar, 21:06
	3-5km NE	Recorded	1	Projectile	SE to NW	N/K	31-Mar, 21:07
	3-5km N	Recorded	2	Projectile	SE to NW	N/K	31-Mar, 21:21
	3-5km NNE	Recorded	2	Projectile	SE to NW	N/K	31-Mar, 21:25
	3-5km NNE	Recorded	5	Projectile	SE to NW	N/K	31-Mar, 21:27
	3-5km N	Recorded	1	Muzzle flash		N/K	31-Mar, 21:27
	3-5km NNE	Recorded	2	Projectile	SE to NW	N/K	31-Mar, 21:28
	3-5km NNE	Recorded	20	Projectile	SE to NW	N/K	31-Mar, 21:29

	3-5km NNE	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 21:37
	3-5km NNE	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 21:38
	3-5km N	Recorded	1	Projectile	E to W	N/K	31-Mar, 21:38
	3-5km NNE	Recorded	1	Projectile	E to W	N/K	31-Mar, 21:39
	3-5km NNE	Recorded	2	Projectile	E to W	N/K	31-Mar, 21:39
	3-5km N	Recorded	7	Projectile	SE to NW	N/K	31-Mar, 21:41
	3-5km N	Recorded	2	Projectile	WNW to ESE	N/K	31-Mar, 21:47
	3-5km NNE	Recorded	1	Projectile	E to W	N/K	31-Mar, 21:49
	3-5km NNE	Recorded	1	Projectile	SSW to NNE	N/K	31-Mar, 21:53
	3-5km N	Recorded	1	Projectile	SSE to NNW	N/K	31-Mar, 21:55
	3-5km N	Recorded	4	Projectile	SE to NW	N/K	31-Mar, 21:57
	3-5km N	Recorded	7	Muzzle flash		N/K	31-Mar, 21:58
	3-5km N	Recorded	5	Explosion	Undetermined	N/K	31-Mar, 21:58
	3-5km NNE	Recorded	6	Explosion	Undetermined	N/K	31-Mar, 21:59
	3-5km NNE	Recorded	10	Muzzle flash		N/K	31-Mar, 21:59
	3-5km N	Recorded	2	Illumination flare	In vertical flight	N/K	31-Mar, 22:00
	3-5km N	Recorded	2	Projectile	WNW to ESE	N/K	31-Mar, 22:01
	3-5km N	Recorded	1	Projectile	ESE to WNW	N/K	31-Mar, 22:04
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 22:04
	3-5km N	Recorded	1	Muzzle flash		N/K	31-Mar, 22:07
	3-5km NNE	Recorded	14	Projectile	E to W	N/K	31-Mar, 22:10
	3-5km N	Recorded	1	Projectile	E to W	N/K	31-Mar, 22:11
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 22:20
	3-5km NNE	Recorded	2	Projectile	WSW to ENE	N/K	31-Mar, 22:21
	3-5km NNE	Recorded	1	Projectile	E to W	N/K	31-Mar, 23:16
	3-5km NNE	Recorded	4	Projectile	ESE to WNW	N/K	31-Mar, 23:25
	3-5km NNE	Recorded	8	Projectile	SE to NW	N/K	31-Mar, 23:25
	3-5km NNE	Recorded	7	Projectile	ESE to WNW	N/K	31-Mar, 23:26
	3-5km N	Recorded	2	Explosion	Undetermined	N/K	31-Mar, 23:32
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 23:55
	3-5km N	Recorded	1	Muzzle flash		N/K	1-Apr, 00:10
	3-5km N	Recorded	1	Projectile	SSW to NNE	N/K	1-Apr, 00:10
	3-5km NNE	Recorded	2	Projectile	SE to NW	N/K	1-Apr, 00:23
	3-5km NNE	Recorded	6	Projectile	SE to NW	N/K	1-Apr, 00:24
	3-5km NNE	Recorded	11	Projectile	SE to NW	N/K	1-Apr, 00:45
	3-5km NNE	Recorded	7	Projectile	ESE to WNW	N/K	1-Apr, 00:54
	3-5km NNE	Recorded	3	Projectile	ESE to WNW	N/K	1-Apr, 01:49
	3-5km N	Recorded	1	Muzzle flash		N/K	1-Apr, 01:49
	3-5km N	Recorded	4	Projectile	E to W	N/K	1-Apr, 01:49
	3-5km NNE	Recorded	1	Projectile	E to W	N/K	1-Apr, 02:05
	3-5km N	Recorded	4	Projectile	ESE to WNW	N/K	1-Apr, 02:15
	3-5km N	Recorded	3	Projectile	SE to NW	N/K	1-Apr, 02:17
	3-5km NNE	Recorded	2	Explosion	Undetermined	N/K	1-Apr, 02:17
	3-5km NNE	Recorded	1	Projectile	ESE to WNW	N/K	1-Apr, 02:17
	3-5km N	Recorded	2	Projectile	E to W	N/K	1-Apr, 02:21
	3-5km N	Recorded	2	Projectile	E to W	N/K	1-Apr, 02:24
	3-5km NNE	Recorded	3	Projectile	W to E	N/K	1-Apr, 03:14
	3-5km N	Recorded	3	Projectile	E to W	N/K	1-Apr, 03:31
	3-5km NNE	Recorded	4	Projectile	ESE to WNW	N/K	1-Apr, 04:15
	3-5km NNE	Recorded	1	Projectile	ESE to WNW	N/K	1-Apr, 04:15
	3-5km NNE	Recorded	2	Projectile	SE to NW	N/K	1-Apr, 04:34
	3-5km NNE	Recorded	2	Projectile	WSW to ENE	N/K	1-Apr, 04:35
	3-5km NNE	Recorded	1	Projectile	ESE to WNW	N/K	1-Apr, 04:48
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-4km WSW	Recorded	3	Projectile	SSE to NNW	N/K	31-Mar, 21:00
	2-4km WSW	Recorded	1	Projectile	NNE to SSW	N/K	31-Mar, 22:03
	2-4km SW	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 22:24
	2-4km WSW	Recorded	8	Projectile	NNE to SSW	N/K	1-Apr, 01:37
Donetsk city centre (non-	5-8km NNW	Heard	96	Explosion	Undetermined	N/K	31-Mar, 22:47-23:02

government-controlled)	5-8km NNW	Heard	125	Explosion	Undetermined	N/K	31-Mar, 23:02-23:14
Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-2km NNW	Heard	1	Explosion	Undetermined	N/K	1-Apr, 11:39
	3-4km NNW	Heard	5	Burst		HMG	1-Apr, 12:31
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	3km SSW	Heard	4	Shot		Small arms	1-Apr, 13:42
	3-4km SSW	Heard	20	Burst		Small arms	1-Apr, 13:49
	3-4km NE	Heard	10	Burst		HMG	1-Apr, 13:49
	2km W	Heard	2	Burst		Small arms	1-Apr, 13:49
	3-5km NE	Heard	2	Burst		HMG	1-Apr, 13:49
	3-5km SSW	Heard	2	Shot		Small arms	1-Apr, 13:49
	3-4km SW	Heard	7	Burst		HMG	1-Apr, 14:44
About 2.5km SE of Avdiivka (government-controlled, 17km N of Donetsk)	2-4km SE	Heard	2	Explosion	Undetermined	N/K	1-Apr, 12:08
Hranitne (government-controlled, 60km S of Donetsk)	8-10km NNE	Heard	1	Explosion	Undetermined	N/K	1-Apr, 11:45
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km S	Heard	1	Explosion	Undetermined	N/K	31-Mar, 20:20
	4-5km SE	Heard	4	Explosion	Undetermined	N/K	31-Mar, 22:35-22:37
	4-5km SE	Heard	6	Explosion	Undetermined	N/K	31-Mar, 23:53-23:56
	4-5km SE	Heard	2	Explosion	Undetermined	N/K	31-Mar, 23:59
Horlivka (non-government-controlled, 39km NE of Donetsk)	3-5km W	Heard	1	Explosion	Undetermined	N/K	31-Mar, 22:25
	3-5km W	Heard	1	Explosion	Undetermined	N/K	31-Mar, 22:28
	3-5km W	Heard	2	Explosion	Undetermined	N/K	31-Mar, 22:35
	3-5km WNW	Heard	3	Explosion	Undetermined	N/K	31-Mar, 23:55
	3-6km W	Heard	5	Explosion	Undetermined	N/K	1-Apr, 00:00-00:01
	3-6km W	Heard	3	Explosion	Undetermined	N/K	1-Apr, 00:15
	1-2km WSW	Heard	1	Explosion	Undetermined	N/K	1-Apr, 00:19
	3-6km W	Heard	3	Explosion	Undetermined	N/K	1-Apr, 00:35
	3-6km WNW	Heard	2	Explosion	Undetermined	N/K	1-Apr, 00:38
	3-6km W	Heard	5	Explosion	Undetermined	N/K	1-Apr, 00:40
	3-6km W	Heard	3	Explosion	Undetermined	N/K	1-Apr, 00:42
About 6km N of Horlivka (non-government-controlled, 39km NE of Donetsk)	5-7km SW	Heard	1	Explosion	Undetermined	N/K	1-Apr, 11:40
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	3-5km E	Recorded	1	Projectile	NW to SE (assessed as outside the disengagement area)	N/K	31-Mar, 20:18
	3-5km E	Recorded	6	Projectile	NW to SE (assessed as outside the disengagement area)	N/K	31-Mar, 20:19
	3-5km E	Recorded	3	Explosion	Undetermined (assessed as outside the	N/K	31-Mar, 20:19

					disengagement area)		
	3-5km E	Recorded	3	Projectile	N to S (assessed as outside the disengagement area)	N/K	31-Mar, 20:20
	3-5km E	Recorded	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	31-Mar, 20:20
500m NE of Orikhove (government-controlled, 57km NW of Luhansk)	1.5km S	Heard	2	Explosion	Undetermined	N/K	1-Apr, 11:15-11:17
3km N of Pervomaisk (non-government-controlled, 58km W of Luhansk)	5-7km ENE	Heard	1	Explosion	Undetermined	N/K	11:16
S edge of Krasnyi Lyman (non-government-controlled, 30km NW of Luhansk)	5-9km W	Heard	1	Explosion	Undetermined	N/K	1-Apr, 11:18
	3-6km NE	Heard	1	Explosion	Undetermined	N/K	1-Apr, 13:14
N edge of Sentianivka (formerly Frunze, non-government-controlled, 44km W of Luhansk)	3-4km NNE	Heard	25	Shot and burst		Small arms	1-Apr, 11:34-11:38
	3-4km NNW	Heard	5	Explosion	Undetermined	N/K	1-Apr, 11:50-11:59
	2-3km NNE	Heard	12	Shot and burst		Small arms	1-Apr, 11:58-12:02
NW edge of Petrovenky (non-government-controlled, 40km W of Luhansk)	4-6km NNE	Heard	50	Explosion	Undetermined	N/K	1-Apr, 13:20-13:28

Map of Donetsk and Luhansk regions¹⁰



¹⁰The 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).