

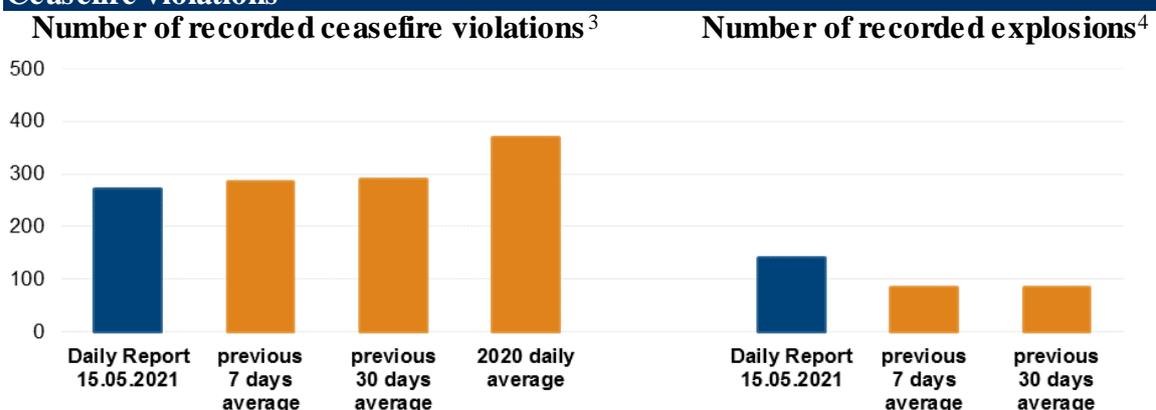
Daily Report 111/2021

15 May 2021¹

Summary

- In Donetsk region, the SMM recorded 197 ceasefire violations, including 92 explosions. In the previous reporting period, it recorded 208 ceasefire violations in the region.
- In Luhansk region, the Mission recorded 74 ceasefire violations, including 49 explosions. In the previous reporting period, it recorded 332 ceasefire violations in the region.
- The SMM saw fresh damage to and near four houses (of which three inhabited) near Marinka, Donetsk region.
- Small-arms fire was assessed as directed at an SMM mid-range unmanned aerial vehicle (UAV) near Chermalyk.
- The SMM continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske. Its UAVs spotted people inside the disengagement area near Petrivske.
- The Mission facilitated and monitored adherence to localized ceasefires to enable the operation of critical civilian infrastructure.
- The SMM continued following up on the situation of civilians, including at four entry-exit checkpoints and the corresponding checkpoints of the armed formations in Donetsk and Luhansk regions.
- The Mission's freedom of movement continued to be restricted, including at a checkpoint of the armed formations near Horlivka, Donetsk region and at a border crossing point near non-government-controlled Voznesenivka (formerly Chervonopartyzansk), Luhansk region. Its UAVs again experienced multiple instances of GPS signal interference.*

Ceasefire violations²



¹ Based on information from the Monitoring Teams as of 19:30, 14 May 2021. 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.

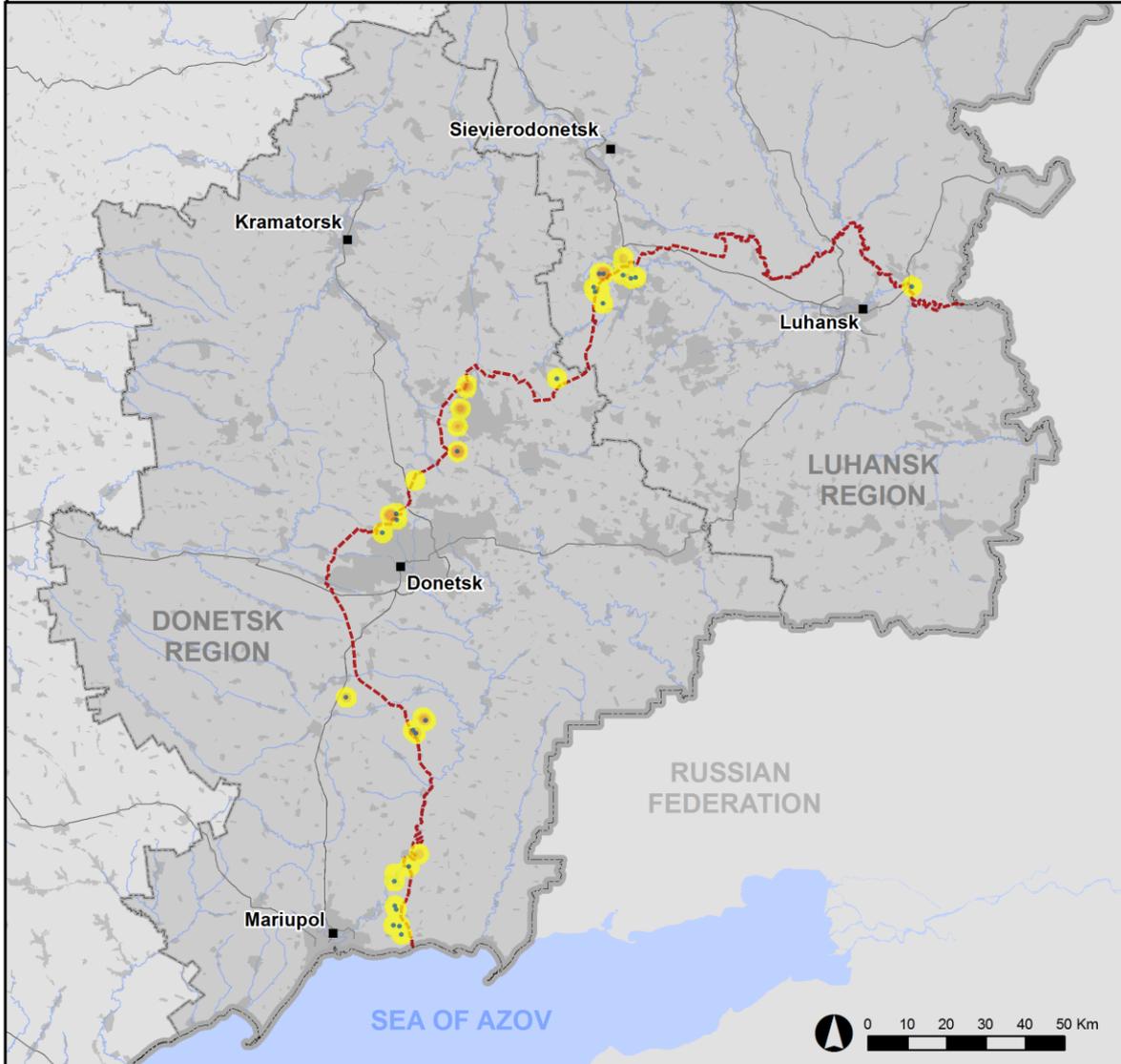
⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

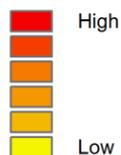


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 14 May 2021



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: 14/05/2021

In Donetsk region, the SMM recorded 197 ceasefire violations, including 92 explosions (one impact of a mortar round and four of undetermined weapons, one outgoing and 86 undetermined). The majority of ceasefire violations occurred at north-easterly directions of the Oktiabr mine (non-government-controlled, 9km north-west of Donetsk city centre), some of which at an assessed range of 50-120m from the SMM camera, at easterly and southerly directions of the disengagement area near Petrivske (non-government-controlled, 41km south of Donetsk) (see below) and at south-westerly and westerly directions of Horlivka (non-government-controlled, 39km north-east of Donetsk). In the [previous reporting period](#), the Mission recorded 208 ceasefire violations, the majority of which also occurred in areas close to the disengagement area near Petrivske.

In Luhansk region, the SMM recorded 74 ceasefire violations, including 49 undetermined explosions (one impact and 48 undetermined). The majority of ceasefire violations occurred at northerly, south-easterly and westerly directions of the Zolote disengagement area (government-controlled, 60km west of Luhansk) (see below). In the [previous reporting period](#), the Mission recorded 332 ceasefire violations, the majority of which also occurred in areas close to the disengagement area near Zolote.

Following agreement reached at the meeting of the Trilateral Contact Group on 22 July 2020 regarding additional measures to strengthen the ceasefire, from 00:01 on 27 July 2020 until the end of the reporting period, the SMM has recorded at least 27,071 ceasefire violations in both Donetsk and Luhansk regions (including 8,818 explosions, 3,482 projectiles in flight, 208 muzzle flashes, 95 illumination flares and at least 14,468 bursts and shots).

Damage to and near four houses in government-controlled Marinka, Donetsk region

On 13 May, the SMM followed up on reports of damage to and near four houses, of which three inhabited, in Marinka (government-controlled, 23km south-west of Donetsk).

At 21A Myru Street, on the northern edge of Marinka, the Mission observed a crater (about 1m in diameter) on the tarmac road about 15m south of an inhabited single-storey house. About 2m south of the crater, the SMM observed at least 50 holes in a south-facing metal fence. About 6m north of the crater, the Mission observed an electrical pole with one of the wires damaged. A woman (in her fifties), who introduced herself as the owner of the house, told the SMM that on the afternoon of 8 May she had heard several explosions while she was at a house nearby.

At 17 Myru Street, about 75m west-north-west of the above crater, the Mission observed another crater (about 1m in diameter) on the ground about 10m south of an inhabited single-storey house as well as three scratches and shrapnel marks on the south-facing wall of the same house. About 1m north-west of the crater, the SMM saw shrapnel marks on the door of a garage. About 1m north of the same crater, the SMM also saw a damaged south-facing brick fence with several bricks lying on the ground near it.

At 19 Myru Street, about 35m east-south-east of the previous crater, the SMM observed another crater (about 1m in diameter) on the ground about 2m south of a south-facing metal fence of a single-storey house. On the same fence, the Mission also saw at least 25 holes.

At 22 Donetska Street, about 30m south-west of the abovementioned third crater, the SMM observed two scratches on the north-eastern facing wall of an inhabited single-storey house, about 20 holes on the north-facing metal fence and three holes on the south-facing metal gate

of the house. A woman (in her fifties), who introduced herself as the owner of the house, told the Mission that she had been at home on the afternoon of 8 May when shelling had occurred.

The SMM assessed all of the above damage as recent and caused by rounds of undetermined weapons fired from a south-easterly direction.

Small-arms fire assessed as directed at SMM mid-range unmanned aerial vehicle near Chermalyk, Donetsk region

On 14 May, while positioned about 3.5km south-west of Chermalyk (government-controlled, 77km south of Donetsk) to conduct an announced mid-range unmanned aerial vehicle (UAV) flight, the SMM heard 12 bursts of small-arms fire at an assessed range of 3-4km east, assessed as aimed at the UAV, which was flying about 3km east of the SMM's position. The Mission landed the UAV and left the area.*

Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske⁵

While positioned inside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), the SMM heard one undetermined explosion, assessed as outside the disengagement area but within 5km of its periphery.

The SMM also saw two members of the armed formations (wearing armbands with "JCCC" written on them) south of the repaired span of the Stanytsia Luhanska bridge (15km north-east of Luhansk).

During the night of 13-14 May, the SMM camera in Zolote recorded ten projectiles in flight at an assessed range of 2-3km east-north-east. During the day of 14 May, while positioned at two locations near the disengagement area near Zolote, the SMM heard four undetermined explosions, unable to be assessed if inside or outside the **disengagement area near Zolote**. On the same day, while positioned at five locations close to the disengagement area, the SMM recorded 38 undetermined explosions and 11 bursts and shots of heavy-machine-gun fire, assessed as outside the disengagement area but within 5km of its periphery.

On 14 May, while positioned near the checkpoint of the armed formations south of the disengagement area, the Mission saw three members of the armed formations (wearing armbands with "JCCC" written on them), two of whom walked inside the area to about 350m north of its southern edge and then returned, accompanied by a man in medical protective gear.

The Mission again saw the eight previously observed containers located south of the disengagement area's southern edge, on its edge and inside the area.

On 12 May, inside the **disengagement area near Petrivske**, about 700m east of the area's western edge and about 250m south of the area's northern edge, an SMM mini-UAV again spotted about 100 anti-tank mines. About 400m south of the aforementioned mines and about 900m of the area's western edge, it again spotted about 150 anti-tank mines. All these mines were assessed as belonging to the Ukrainian Armed Forces. (For previous observations in the area, see SMM Daily Reports of [3 April 2020](#) and [19 June 2020](#).)

⁵ Disengagement is foreseen in the Framework Decision of the Trilateral Contact Group relating to disengagement of forces and hardware of 21 September 2016.

On 13 May, inside the disengagement area, an SMM mini-UAV spotted three people and a civilian vehicle inside former positions of the armed formations near the area's south-eastern corner.

On the same day, inside the area, an SMM long-range UAV spotted two people near former positions of the Ukrainian Armed Forces: one about 500m north-east and another one about 1.5km east-north-east of the area's south-western corner. It also spotted two people inside former positions of the armed formations near the area's south-eastern corner.

During the day of 14 May, while positioned at two locations near the disengagement area, the Mission heard 27 explosions (one impact, which it also saw, and 26 undetermined) and ten bursts and shots of small-arms fire, all assessed as outside the disengagement area but within 5km of its periphery.

On the same day, an SMM-mini UAV experienced GPS signal interference, assessed as caused by probable jamming, during three separate flights over areas near Bohdanivka (government-controlled, 41km south-west of Donetsk), including over areas inside the disengagement area near Petrivske.*

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.

Beyond withdrawal lines but outside designated storage sites, the SMM observed 17 tanks in a training area in a non-government-controlled area in Luhansk region. (For further information, see the table below.)

Weapons that the SMM could not verify as withdrawn⁶

At two heavy weapons holding areas in government-controlled areas of Luhansk region
14 May

The SMM noted that six anti-tank guns (MT-12 *Rapira*, 100 mm), five self-propelled howitzers (2S3 *Akatsiya*, 152 mm) and four multiple rocket launch systems (BM-27 *Uragan*, 220mm) were present. It also noted that five self-propelled howitzers (2S3) and six anti-tank guns (MT-12) were again missing.

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

The Mission saw 11 armoured combat vehicles in government-controlled areas of Donetsk region, including near a residential area, and ten armoured combat vehicles and one trench digger in non-government-controlled areas of Luhansk region, including in a compound. (For further information, see the table below.)

⁶ The SMM observed weapons that could not be verified as withdrawn, as their storage did not comply with the criteria set out in the 16 October 2015 notification from the SMM to the signatories of the Package of Measures on effective monitoring and verification of the withdrawal of heavy weapons.

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

Presence of anti-tank and anti-personnel mines and unexploded ordnance in Donetsk and Luhansk regions

On 13 May, at three locations near residential areas on the north-eastern edge of Marinka, an SMM mini-UAV again spotted 20 anti-tank mines: 16 on a road leading east towards Donetsk city's Petrovskiyi district and four anti-tank mines on another road nearby. All these mines were assessed as belonging to the Ukrainian Armed Forces. (For previous observations in the area see SMM Daily Reports of [17 Apr 2021](#), [27 April 2021](#) and [28 April 2021](#).)

On 14 May, about 2.5km west-south-west of Molodizhne (non-government-controlled, 63km north-west of Luhansk), the SMM again saw one anti-personnel mine about 10m north of road T-0504, assessed as belonging to the armed formations. (For previous observations in the area, see [SMM Daily Report of 13 April 2021](#).)

On the same day, about 1km north-west of Novohryhorivka (non-government-controlled, 61km north-east of Donetsk), the SMM observed for the first time a piece of unexploded ordnance (UXO), assessed as a rocket from a multiple launch rocket system (*Grad*-type, 122mm), about 3m north of a road between Novohryhorivka and Nyzhnie Lozove (non-government-controlled, 59km north-east of Donetsk).

SMM facilitation of maintenance and operation of critical civilian infrastructure

The Mission continued to facilitate the operation of the Donetsk Filtration Station (DFS) (15km north of Donetsk).

The SMM also monitored adherence to localized ceasefires to enable maintenance to the phenol sludge reservoir near Zalizne (formerly Artemove, government-controlled, 42km north-east of Donetsk).

Situation at entry-exit checkpoints and corresponding checkpoints

In Donetsk region, the SMM noted that the entry-exit checkpoint (EECP) near Novotroitske (government-controlled, 36km south-west of Donetsk) and the corresponding checkpoint of the armed formations near Olenivka (non-government-controlled, 23km south-west of Donetsk) were open, with traffic passing through in both directions.

While positioned near the EECP, the SMM heard 12 undetermined explosions at an assessed range of 4-6km south-south-east.

While positioned near the checkpoint of the armed formations, the Mission observed one car and six trucks loaded with building materials (four of the latter bearing the logo of an international organization) cross the contact line and travel towards non-government-controlled areas.

In Luhansk region, the Mission noted that the EECP near Stanytsia Luhanska and the corresponding checkpoint of the armed formations south of the Stanytsia Luhanska bridge were open, with people queueing to travel in both directions.

The SMM also noted that the EECPs near Zolote and Shchastia (government-controlled, 20km north of Luhansk) were open but that the corresponding checkpoints of the armed formations

south of the disengagement area near Zolote and 3km south-east of the bridge in Shchastia were closed.

Border areas outside government control

While at a border crossing point⁸ near Uspenka (73km south-east of Donetsk) for about 70 minutes, the Mission observed 32 cars (including 20 with “DPR” plates), three buses with “DPR” plates (with passengers of mixed genders and ages) and 49 people (mixed genders and ages) entering Ukraine. During the same time, it also observed 40 cars (including 23 with “DPR” plates), three covered cargo trucks (including one with “DPR” plates), one bus with “DPR” plates (with passengers of mixed genders and ages) and 42 people (mixed genders and ages) exiting Ukraine.

While at a border crossing point near Voznesenivka (formerly Chervonopartyzansk, 65km south-east of Luhansk), the SMM observed two people (a man and a woman in their forties) entering Ukraine. During the same time, it also observed four cars (including three with “LPR” plates) and one bus with “LPR” plates (with passengers of mixed genders and ages) exiting Ukraine. After about ten minutes, a member of the armed formations told the Mission to leave the area.*

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

***Restrictions of the SMM’s freedom of movement or other impediments to fulfilment of its mandate**

The SMM’s monitoring and freedom of movement are restricted by security hazards and threats, including risks posed by mines, UXO and other impediments – which vary from day to day. The SMM’s mandate provides for safe and secure access throughout Ukraine. All signatories of the Minsk agreements 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 Coordination (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.

Denial:

- At a checkpoint of the armed formations near Horlivka (non-government-controlled, 39km north-east of Donetsk), an armed member of the armed formations denied the SMM passage north-westward, referring to “an unstable security situation in the area”.
- At a border crossing point near Voznesenivka (formerly Chervonopartyzansk, non-government-controlled, 65km south-east of Luhansk), a member of the armed formations told the SMM to leave the area.

⁸ According to decisions in 2014 by the Cabinet of Ministers of Ukraine, operations are officially designated as suspended at these and other border crossing points located outside government control.

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:⁹

- An SMM long-range UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas between Stepanivka (government-controlled, 54km north of Donetsk) and Ivanopillia (government-controlled, 51km north of Donetsk) and between Ivanopillia and Horlivka, as well as dual GPS signal interference, assessed as caused by jamming, while flying over areas near Ivanopillia and between Horlivka and Stepanivka.
- While positioned about 3.5km south-west of Chermalyk (government-controlled, 77km south of Donetsk) to conduct an announced mid-range UAV flight, the SMM heard 12 bursts of small-arms fire, assessed as aimed at the UAV. The Mission landed the UAV and left the area.
- An SMM-mini UAV experienced GPS signal interference, assessed as caused by probable jamming, during a flight over areas near Vuhlehirsk (non-government-controlled, 49km north-east of Donetsk).
- An SMM-mini UAV experienced GPS signal interference, assessed as caused by probable jamming, during a flight over areas near Sofiiivka (formerly Karlo-Marksove, non-government-controlled, 40km north-east of Donetsk).
- An SMM-mini UAV experienced GPS signal interference, assessed as caused by probable jamming, during two separate flights over areas near Zalizne (formerly Artemove, government-controlled, 42km north-east of Donetsk).
- The SMM was also unable to launch a mid-range UAV near Zalizne due to persistent GPS signal interference, assessed as caused by probable jamming.
- A SMM-mini UAV experienced GPS signal interference, assessed as caused by probable jamming, during a flight over areas near Pivdenne (formerly Leninske, government-controlled, 40km north-east of Donetsk).
- An SMM-mini UAV experienced GPS signal interference, assessed as caused by probable jamming, during three separate flights over areas near Bohdanivka (government-controlled, 41km south-west of Donetsk), including over areas inside the disengagement area near Petrivske.
- An SMM-mini UAV experienced GPS signal interference, assessed as caused by probable jamming, during a flight over areas near Pyshchevyk (government-controlled, 84km south of Donetsk).
- The SMM was also unable to launch a mid-range UAV near Pyshchevyk due to persistent GPS signal interference, assessed as caused by probable jamming.

⁹ For cases of probable jamming and jamming mentioned in this section, the interferences could have originated from anywhere within the radius of kilometres from the UAVs' positions.

Table of weapons

Weapons beyond withdrawal lines but outside designated storage sites

Date	No. of weapons	Type of weapon	Location	Source of observation
Non-government-controlled areas				
14/5/2021	17	Tank (type undetermined)	In a training area near Myrne (28km south-west of Luhansk)	Patrol

Table of military and military-type presence in the security zone¹⁰

Date	No.	Type	Location	Source of observation
Government-controlled areas				
12/5/2021	1	Infantry fighting vehicle (BMP-2)	Near Bohdanivka (41km south-west of Donetsk)	Mini-UAV
	1	Probable infantry fighting vehicle (BMP variant)		
13/5/2021	2	Infantry fighting vehicle (BMP variant)	Near Berezove (31km south-west of Donetsk)	Long-range UAV
	1	Armoured combat vehicle (type undetermined)	Near Nevelske (18km north-west of Donetsk)	
	2	Infantry fighting vehicle (BMP variant)	Near Dacha (53km north of Donetsk)	
	3	Infantry fighting vehicle (BMP variant)	Near Slavne (26km south-west of Donetsk)	
14/5/2021	1	Armoured personnel carrier (BTR-80)	Near a residential area of Kamianka (20km north of Donetsk)	Patrol
Non-government-controlled areas				
13/5/2021	2	Infantry fighting vehicle (BMP variant)	In a compound in Kalmiuske (formerly Komsomolske, 42km south-east of Donetsk)	Long-range UAV
	1	Trench digger (probable TMK-2)		
	3	Armoured personnel carrier (MT-LB variant)		
	1	Armoured personnel carrier (BTR-80)	Near Petrivske (41km south of Donetsk)	
	2	Infantry fighting vehicle (one BMP-1 and one BMP-2)	Near Nadarivka (64km west of Luhansk)	
	2	Armoured combat vehicle (type undetermined)		

¹⁰ 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 14 May 2021¹¹

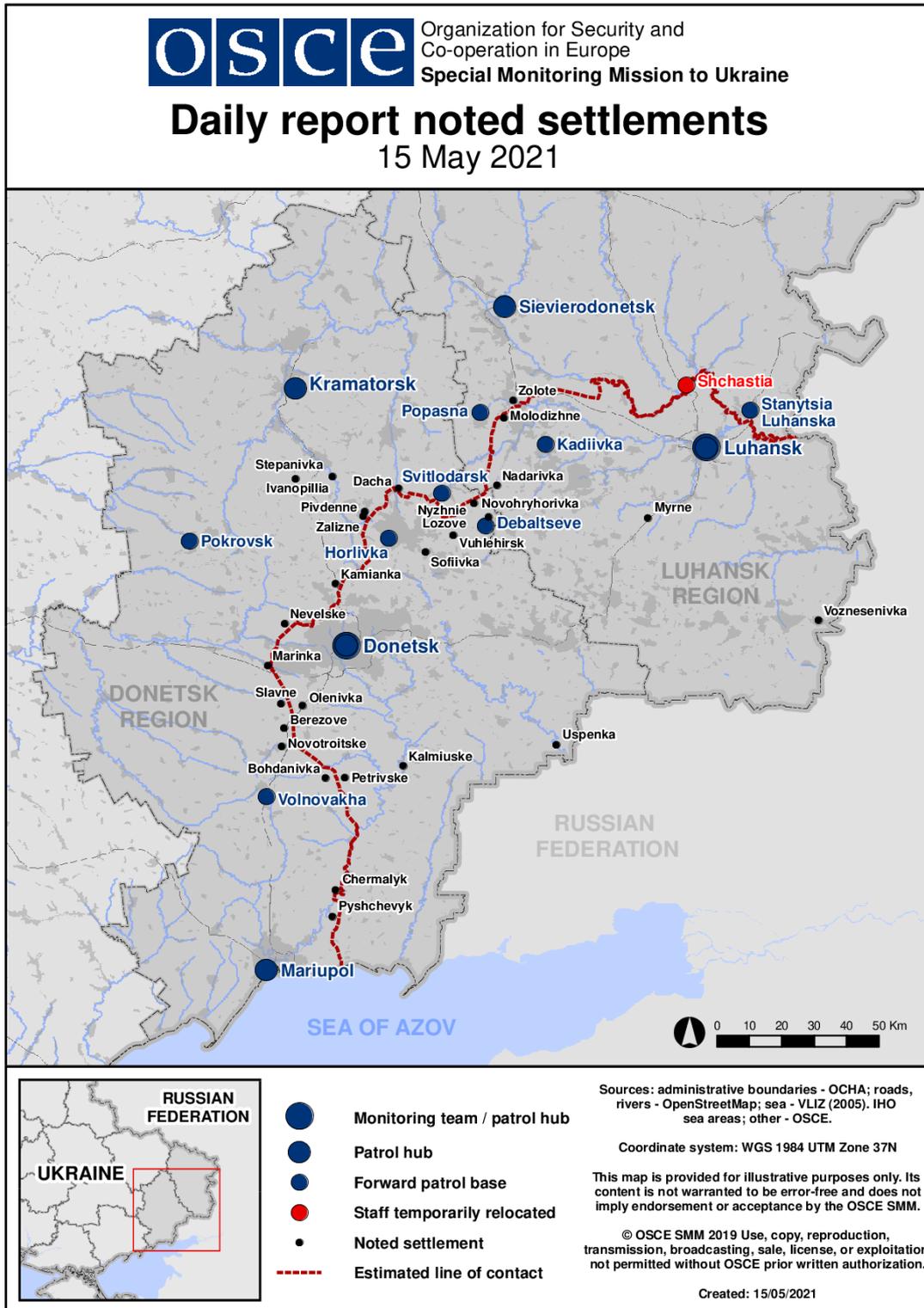
SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	1-2km ESE	Recorded	10	Projectile	In vertical flight	N/K	14-May, 02:23
	1-2km E	Recorded	10	Projectile	In vertical flight	N/K	14-May, 02:56
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	50-120m NNE	Recorded	1	Explosion	Undetermined	N/K	13-May, 20:50
	50-120m NNE	Recorded	1	Explosion	Undetermined	N/K	13-May, 20:55
	50-120m NNE	Recorded	1	Explosion	Undetermined	N/K	13-May, 20:56
	4-6km NE	Recorded	1	Explosion	Undetermined	N/K	13-May, 21:05
	4-6km NNE	Recorded	13	Projectile	In vertical flight	N/K	13-May, 21:07
	4-6km NNE	Recorded	12	Projectile	In vertical flight	N/K	13-May, 21:14
	4-6km NNE	Recorded	1	Projectile	In vertical flight	N/K	13-May, 21:15
About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	3-4km SE	Heard	8	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-May, 10:17-10:45
	2-3km SE	Heard	6	Shot	Assessed as outside the disengagement area	Small arms	14-May, 10:47
	2-3km SE	Heard	4	Burst	Assessed as outside the disengagement area	Small arms	14-May, 10:47
	3-4km SE	Heard	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-May, 12:06-12:30
About 7.5km NW of Horlivka (non-government-controlled, 39km NE of Donetsk)	1-2km SSE	Heard	4	Shot		Small arms	14-May, 09:55
	1-2km SSE	Heard	2	Shot		Small arms	14-May, 10:04-10:09
	1-2km SSE	Heard	12	Burst		Small arms	14-May, 10:04-10:09
Horlivka (non-government-controlled, 39km NE of Donetsk)	6-8km SSW	Heard	18	Explosion	Undetermined	N/K	14-May, 06:21-06:33
	6-8km SSW	Heard	7	Explosion	Undetermined	N/K	14-May, 06:37-06:40
	6-8km SSW	Heard	7	Explosion	Undetermined	N/K	14-May, 06:43-06:45
About 7.5km WNW of Horlivka (non-government-controlled, 39km NE of Donetsk)	4-5km SSE	Heard	11	Shot		HMG	14-May, 10:08
	4-5km SSE	Heard	4	Shot		HMG	14-May, 10:13
About 2km SSE of Kamianka (government-controlled, 20km N of Donetsk)	6-8km SSW	Heard	1	Explosion	Undetermined	N/K	14-May, 09:59
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	2-3km E	Heard	1	Burst		Small arms	14-May, 11:23
About 1.5km ESE of Luhanske (government-controlled, 59km NE of Donetsk)	2-4km SE	Heard	3	Explosion	Undetermined	N/K	14-May, 12:17-12:23
	2-4km SE	Heard	2	Explosion	Undetermined	N/K	14-May, 12:36-12:37
Chermalyk (government-controlled, 77km S of Donetsk)	3km S	Heard and saw	1	Explosion	Impact	Mortar (type N/K)	14-May, 12:02
Orlivske (government-controlled, 82km S of Donetsk)	8km SSE	Heard	1	Explosion	Undetermined	Mortar (type N/K)	14-May, 12:38
	7km SSE	Heard	1	Explosion	Undetermined	Mortar (type N/K)	14-May, 12:59
About 2.5km SSE of Lomakyne (government-controlled, 93km S of Donetsk)	4-5km E	Heard	1	Explosion	Undetermined	N/K	14-May, 09:50-09:51

¹¹ The table only includes ceasefire violations directly observed by SMM patrols or recorded by the SMM cameras, and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors on the ground and technical monitoring officers, and are not always necessarily precise. When information is not known (indicated with an “N/K”), the SMM was unable to ascertain such information due to distance, weather conditions technical limitations and/or other considerations. Ceasefire violations recorded by more than one patrol/camera and assessed to be the same are entered only once.

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	4-5km E	Heard	1	Explosion	Outgoing	N/K	14-May, 09:50-09:51
	5-6km ESE	Heard	1	Explosion	Impact	N/K	14-May, 09:50-09:51
About 2km SE of Lebedynske (government-controlled, 99km S of Donetsk)	4-5km N	Heard and saw	1	Explosion	Impact	N/K	14-May, 12:59
	4-5km N	Heard and saw	1	Explosion	Impact	N/K	14-May, 13:10
Novotroitske (government-controlled, 36km SW of Donetsk)	4-6km SSE	Heard	12	Explosion	Undetermined	N/K	14-May, 11:07
About 3.5km SW of Chermalyk (government-controlled, 77km S of Donetsk)	4-6km S	Heard and saw	1	Explosion	Undetermined	N/K	14-May, 12:02
	3km S	Heard	3	Burst		Small arms	14-May, 12:52
	5km S	Heard and saw	1	Explosion	Undetermined	N/K	14-May, 12:59
	5km S	Heard and saw	1	Explosion	Undetermined	N/K	14-May, 13:10
	3-4km E	Heard	12	Burst		Small arms	14-May, 13:20
About 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	4-6km SE	Heard and saw	1	Explosion	Impact (assessed as outside the disengagement area near Petrivske)	N/K	14-May, 10:01
	6km SE	Heard	4	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	14-May, 10:11-10:16
	6km SE	Heard	7	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	14-May, 10:19-10:22
	6km SE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	14-May, 10:36
	4-6km SE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	14-May, 13:00
	6km SE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	14-May, 13:12
	6km SE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	14-May, 13:59
SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk)	4-6km SE	Recorded	1	Projectile	W to E	N/K	13-May, 20:59
	4-6km SE	Recorded	1	Explosion	Impact (subsequent to previous event)	N/K	13-May, 20:59
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-3km ENE	Recorded	1	Projectile	N to S (assessed as outside the disengagement area)	N/K	13-May, 21:55
	2-3km ENE	Recorded	5	Projectile	SW to NE (assessed as outside the disengagement area)	N/K	13-May, 22:33

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	2-3km ENE	Recorded	3	Projectile	SW to NE (assessed as outside the disengagement area)	N/K	14-May, 02:48
	2-3km ENE	Recorded	1	Projectile	SW to NE (assessed as outside the disengagement area)	N/K	14-May, 03:05
N edge of Popasna (government-controlled, 69km W of Luhansk)	4-6km E	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	13-May, 20:22
	5-7km E	Heard	35	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	13-May, 20:52-21:03
About 300m SE of Stanytsia Luhanska bridge (15km NE of Luhansk)	2-3km E	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	14-May, 10:30
E edge of Popasna (government-controlled, 69km W of Luhansk)	5-7km SSE	Heard	3	Explosion	Undetermined	N/K	14-May, 11:02-11:15
	5-7km SSE	Heard	4	Burst		Small arms	14-May, 11:02-11:15
NE edge of Katerynivka (government-controlled, 64km W of Luhansk)	3-4km SE	Heard	5	Burst	Assessed as outside the disengagement area near Zolote	HMG	14-May, 11:13
About 2km SW of Molodizhne (non-government-controlled, 63km NW of Luhansk)	2-3km SW	Heard	2	Explosion	Undetermined	N/K	14-May, 11:07-11:18
	1.5-2km SSW	Heard	5	Burst	Assessed as outside the disengagement area near Zolote	HMG	14-May, 11:07-11:18
Zolote-4/Rodina (government-controlled, 59km W of Luhansk)	4-5km SW	Heard	1	Explosion	Undetermined (unable to be assessed if inside or outside the disengagement area near Zolote)	N/K	14-May, 13:40
	1-2km NE	Heard	1	Shot	Assessed as outside the disengagement area near Zolote	HMG	14-May, 14:02
Orikhove (government-controlled, 57km NW of Luhansk)	7-10km S	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area near Zolote)	N/K	14-May, 14:35
	7-10km SSW	Heard	1	Explosion	Undetermined (unable to be assessed if inside or outside the disengagement area near Zolote)	N/K	14-May, 14:43
	7-10km SSW	Heard	2	Explosion	Undetermined (unable to be assessed if inside or outside the disengagement area near Zolote)	N/K	14-May, 14:46

Map of Donetsk and Luhansk regions¹²



¹² 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 have 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 also patrols in this settlement during daylight hours).