

Daily Report 223/2021

23 September 2021¹

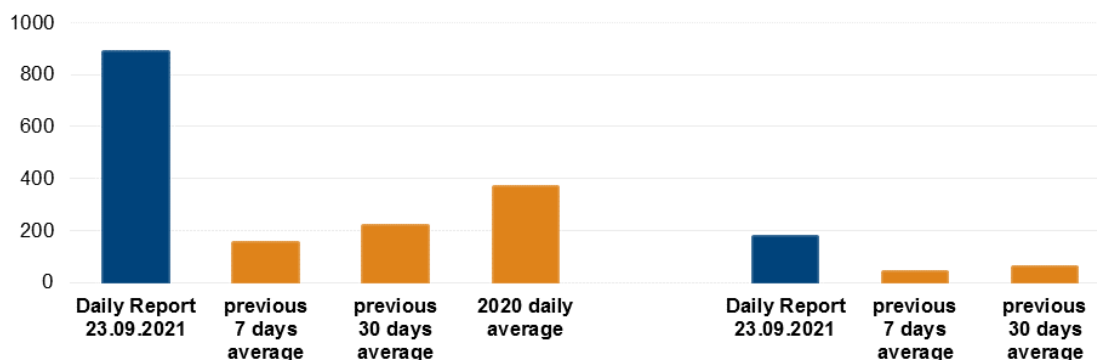
Summary

- In Donetsk region, the Mission recorded 745 ceasefire violations, including 160 explosions. In the previous reporting period, it recorded 117 ceasefire violations in the region.
- In Luhansk region, the SMM recorded 144 ceasefire violations, including 14 explosions. In the previous reporting period, it recorded 79 ceasefire violations in the region.
- Small-arms fire was assessed as directed at an SMM's mid-range unmanned aerial vehicle (UAV) near government-controlled Chermalyk, Donetsk region; the SMM lost spatial control over one of its mini-UAVs near non-government controlled Olenivka.*
- The Mission continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske. It recorded ceasefire violations inside the disengagement area near Petrivske.
- The SMM facilitated and monitored adherence to localized ceasefires to enable the operation of critical civilian infrastructure.
- The Mission 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 checkpoints of the armed formations in Bezimenne and Novoazovsk, Donetsk region. Its mini- and mid-range UAVs experienced multiple instances of jamming.*

Ceasefire violations²

Number of recorded ceasefire violations³

Number of recorded explosions⁴



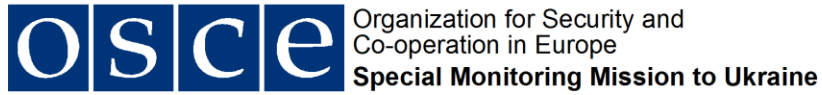
¹ Based on information from the Monitoring Teams as of 19:30, 22 September 2021. All times are in Eastern European Summer Time.

² For a complete breakdown of ceasefire violations, please see the annexed table.

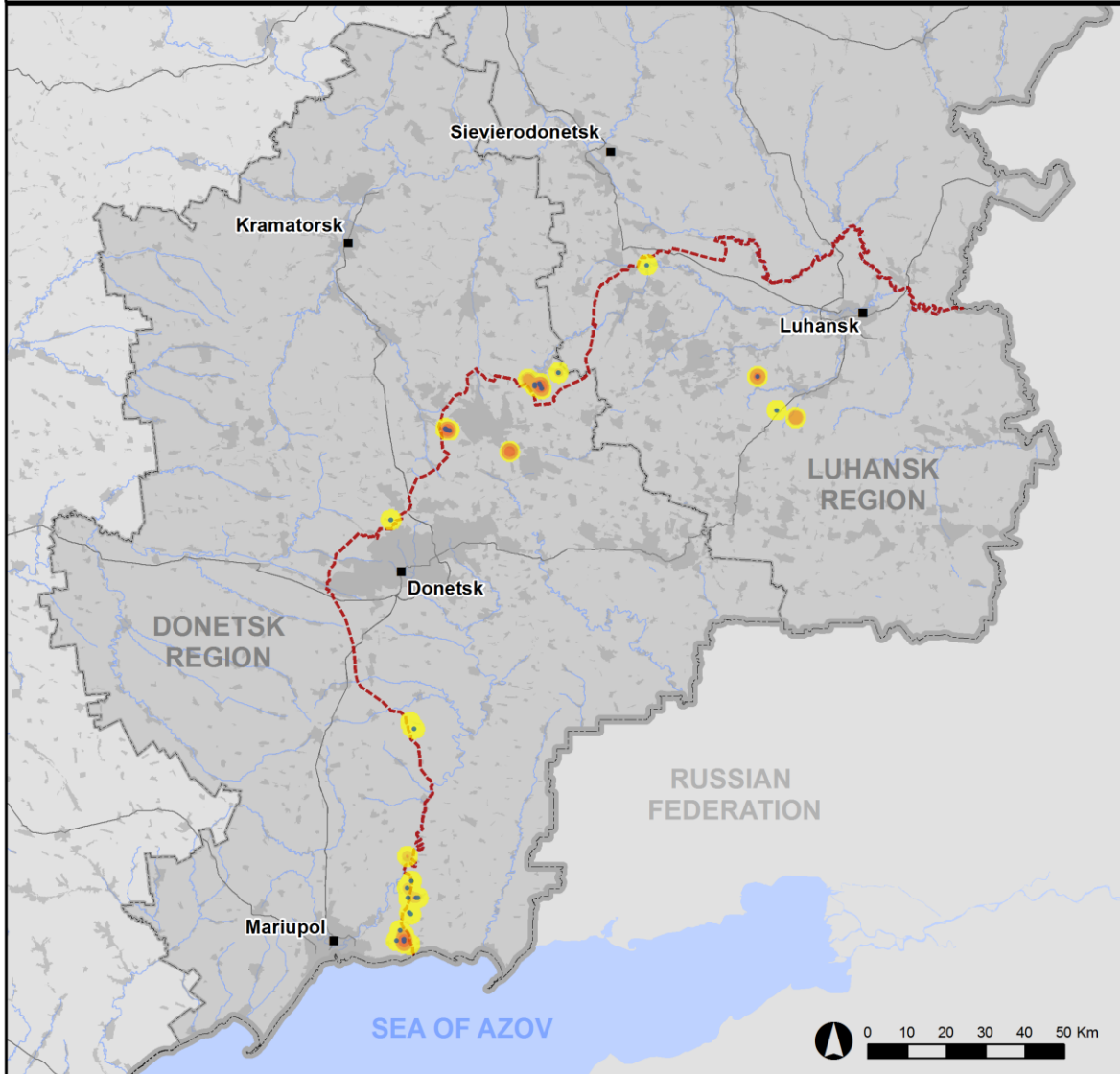
³ Including explosions.

⁴ Including from unidentified weapons.

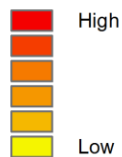
Map of recorded ceasefire violations



Ceasefire violations observed by the SMM 22 September 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: 23/09/2021

In Donetsk region, the SMM recorded 745 ceasefire violations, including 160 explosions (four impacts, one airburst and 155 undetermined). The majority of ceasefire violations occurred at easterly and south-westerly directions of Svitlodarsk (government-controlled, 57km north-east of Donetsk), north of Shyrokyne (government-controlled, 100km south of Donetsk), in areas north and south-west of Horlivka (non-government-controlled, 39km north-east of Donetsk), and south-east of Sofiiivka (formerly Karlo-Marksove, non-government-controlled, 40km north-east of Donetsk), the latter being assessed as a live-fire training exercise in the security zone, in violation of the decision of the Trilateral Contact Group (TCG) of 3 March 2016 that prohibits the conduct of live-fire training in the security zone. In the [previous reporting period](#), the Mission recorded 117 ceasefire violations, some of which also occurred in areas close to Sofiiivka.

In Luhansk region, the Mission recorded 144 ceasefire violations, including 14 explosions (seven outgoing tank rounds and seven undetermined). Most of the ceasefire violations occurred in areas north of Illiriia (non-government-controlled, 30km south-west of Luhansk) and north-west of Kruhlyk (non-government-controlled, 31km south-west of Luhansk), both being assessed as a live-fire training exercise outside the security zone. In the [previous reporting period](#), the Mission recorded 79 ceasefire violations.

Following agreement reached at the meeting of the TCG on 22 July 2020 regarding measures to strengthen the ceasefire, from 00:01 on 27 July 2020 until the end of the reporting period, the Mission has recorded at least 59,256 ceasefire violations in both Donetsk and Luhansk regions (including 16,570 explosions, 11,497 projectiles in flight, 270 muzzle flashes, 239 illumination flares and at least 30,680 bursts and shots).

Small-arms fire assessed as directed at an SMM mid-range UAV near government-controlled Chermalyk; the SMM also lost spatial control of one of its mini-UAVs near non-government-controlled Olenivka, all in Donetsk region

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 11 shots and three bursts of small-arms fire at an assessed distance of 4.5km north-east of the SMM's position, assessed as targeting the UAV. The SMM landed the UAV and left the area. The UAV also experienced GPS signal interference, assessed as caused by probable jamming, during the same flight over the area.*

The SMM was positioned on the north-western outskirts of Olenivka (non-government-controlled, 23km south-west of Donetsk) to conduct an announced mini-UAV flight. From 12:08 to 12:25, the UAV experienced GPS signal interference, assessed as caused by probable jamming, after which the SMM lost spatial control over it, as the aircraft was flying near positions of the armed formations, about 130m west-north-west of the SMM's position. The UAV was returned to the SMM by a member of the armed formations with damage to its propellers.*

Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske⁵

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

Inside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east Luhansk) the Mission saw three 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).

Near the checkpoint of the armed formations south of the **disengagement area near Zolote** (government-controlled, 60km west of Luhansk), the SMM saw four members of the armed formations (wearing armbands with “JCCC” written on them). The SMM again saw the seven previously observed containers located south of the disengagement area’s southern edge and inside the area, as well as a previously reported underground structure inside the area.

On the night of 21-22 September, the SMM camera 2km east of Bohdanivka (government-controlled, 41km south-west of Donetsk) recorded one explosion (impact) and two projectiles in flight at an assessed range of 3-4km east-south-east, assessed as inside the **disengagement area near Petrivske** (non-government controlled, 41km south of Donetsk).

On the same night, the SMM camera in Petrivske recorded one illumination flare at an assessed range of 500m-1.5km west, assessed as outside the disengagement area but within 5km of its periphery.

During the day on 22 September, while positioned at three locations near the disengagement area, the Mission 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.

In violation of withdrawal lines, the Mission saw a probable surface-to-air missile system in a non-government-controlled area of Donetsk region.

Beyond withdrawal lines but outside designated storage sites, the Mission saw five tanks in a government-controlled area of Luhansk region. (For further information, see the tables below.)

Weapons storage sites

At a heavy weapons permanent storage site in a non-government-controlled area of Luhansk region

22 September

The SMM noted that one self-propelled howitzer (2S1 *Gvozdika*, 122mm) was missing, compared to the previous visit on 15 May 2021.

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

In Donetsk region, the Mission saw a target and acquisition radar in a non-government-controlled area. (For further information, see the table below.)

Presence of mines in and near Marinka and Donetsk city, Donetsk region

On 20 September, near and in a residential area of Marinka (government-controlled, 23km south-west of Donetsk), an SMM mini-UAV spotted 20 previously reported anti-tank mines running across a local road and north of it, assessed as belonging to the Ukrainian Armed Forces. (For previous observations in the area, see SMM Daily Reports of [27 April 2021](#) and [26 May 2021](#).)

On the same day, in a field on the western outskirts of the Trudivski area of non-government-controlled Donetsk city's Petrovskiyi district (15km south-west of Donetsk city centre), the same UAV again spotted about 400 previously observed anti-tank-mines, assessed as belonging to the armed formations. (For previous observations in the area see SMM Daily Report of [17 April 2021](#) and of [21 July 2021](#).)

On 22 September, about 5km east of Myrne (government-controlled, 63km south of Donetsk), the Mission observed two minivans bearing the logo of an international de-mining organization, and three people (gender and age unknown) wearing protective gear conducting de-mining activities on the northern edge of road T-0512.

SMM facilitation - the operation and repair of critical civilian infrastructure

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

Situation at entry-exit checkpoints and corresponding checkpoints

In Donetsk region, the SMM observed that the entry-exit checkpoint (EECP) near Marinka was open, and that the corresponding checkpoint of the armed formations near Kremynets (non-government-controlled, 16km south-west of Donetsk) was closed.

In Luhansk region, the Mission observed that the EECP near Stanytsia Luhanska and the corresponding checkpoint of the armed formations south of the Stanytsia Luhanska bridge was open, with people queueing to travel in both directions. At the EECP, the SMM observed 14 workers (men, mixed ages) working on metal structures and dismantling two pedestrian shelters. (For previous observations in the area, see [SMM Daily Report of 22 September 2021](#).)

The Mission 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 point near Uspenka (73km south-east of Donetsk), for about 110 minutes, the SMM observed 50 cars (including 40 with "DPR" plates), three covered cargo

trucks, 16 buses (all with "DPR" plates, carrying passengers of mixed genders and ages), and 91 people (44 women, 45 men of mixed ages, and two children) entering Ukraine. During the same time, the Mission also observed 40 cars (including 35 with "DPR" plates), 106 covered cargo trucks (including 84 with "DPR" plates), four buses (all with "DPR" plates, carrying passengers of mixed genders and ages), and 69 people (33 women, 34 men of mixed ages, and two children) exiting Ukraine.

At the border crossing point, the Mission spoke with a truck driver who said that from 17 to 19 September, trucks were allowed to pass through the border crossing point only from 21:00 to 05:00, which reportedly caused the unusual long queue of trucks exiting Ukraine.

While at a border crossing point near Ulianivske (61km south-east of Donetsk), for about 75 minutes, the SMM did not observe any people entering or exiting Ukraine.

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

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

The SMM's monitoring and freedom of movement are restricted by security hazards and threats, including risks posed by mines, unexploded ordnance (UXO) and other impediments – which vary from day to day. The SMM's mandate provides for safe and secure access throughout Ukraine. All signatories of the 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 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 of 20 September 2021](#)). 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 near Bezimenne (non-government-controlled, 100km south of Donetsk), an armed member of the armed formations denied the SMM passage westwards, referring to de-mining activities in the area.
- At a checkpoint near Novoazovsk (non-government-controlled, 102km south-east of Donetsk), an armed member of the armed formations denied the SMM passage eastwards towards the border crossing point near Novoazovsk, referring to training activities in the area.

Regular restrictions related to disengagement areas and mines/UXO:

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

Other impediments:⁶

- On 21 September, an SMM long-range UAV experienced GPS signal interference, assessed as caused by jamming, while flying over government-controlled areas between Varvarivka (81km north-west of Donetsk) and Novoiavlenka (84km north-west of Donetsk), between Holubivka (92km north-west of Donetsk) and Hromova Balka (96km north-west of Donetsk) and between Hruzke (72km north-west of Donetsk) and Yakovlivka (88km north-west of Donetsk).
- On 22 September, an SMM mid-range UAV was assessed as targeted by small-arms fire while flying over areas near Chermalyk. During the same flight, the UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas near Lukove (non-government-controlled, 72km south of Donetsk). (See above.)
- On the same day, the Mission lost spatial control of its mini-UAV during one flight over areas near Olenivka (non-government-controlled, 23km south-west of Donetsk). It was able to retrieve the UAV with damage. During the same flight, the UAV had experienced GPS signal interference, assessed as caused by probable jamming. (See above.)
- On the same day, SMM mini-UAVs experienced GPS signal interference, assessed as caused by probable jamming, during 13 flights: on three occasions near Sentianivka (formerly Frunze, non-government-controlled, 44km west of Luhansk), twice near Vuhlehirsk (non-government-controlled, 49km north-east of Donetsk), and once near Dokuchaievsk (non-government-controlled, 30km south-west of Donetsk), Chermalyk, Novohnativka (government-controlled, 40km south of Donetsk), Katerynivka (government-controlled, 64km west of Luhansk), Zolote (government-controlled, 60km west of Luhansk), Orikhove (government-controlled, 57km north-west of Luhansk), Hirske (government-controlled, 63km west of Luhansk) and Dachne (non-government-controlled, 47km west of Luhansk), respectively.
- On the same day, the Mission cancelled a mini-UAV flight near Sofiiivka (formerly Karlo-Marksove, non-government-controlled, 40km north-east of Donetsk) due to ceasefire violations in the area. (See above.)

⁶ For cases of probable jamming and jamming mentioned in this section, the interference could have originated from anywhere within the radius of tens of kilometres from the UAVs' positions.

Table of weapons

Weapons in violation of the withdrawal lines

| Date | No. of weapons | Type of weapon | Location | Source of observation |
|--|----------------|---|---|-----------------------|
| Non-government-controlled areas | | | | |
| 21/9/2021 | 1 | Probable surface-to-air missile system (9K35 <i>Strela-10</i>) | Near Rozivka (37km north-east of Donetsk) | Mini-UAV |

Weapons beyond withdrawal lines but outside designated storage sites

| Date | No. of weapons | Type of weapon | Location | Source of observation |
|------------------------------------|----------------|----------------|--|-----------------------|
| Government-controlled areas | | | | |
| 22/9/2021 | 4 1 | Tank (T-72) | Near Oknyne (53km north-west of Luhansk) | Patrol |

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

| Date | No. | Type | Location | Source of observation |
|--|-----|---|---|-----------------------|
| Non-government-controlled areas | | | | |
| 21/9/2021 | 1 | Target and acquisition radar (51U6 <i>Kasta-2E1</i>) | Near Rozivka (37km north-east of Donetsk) | Mini-UAV |

⁷ 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 22 September 2021⁸

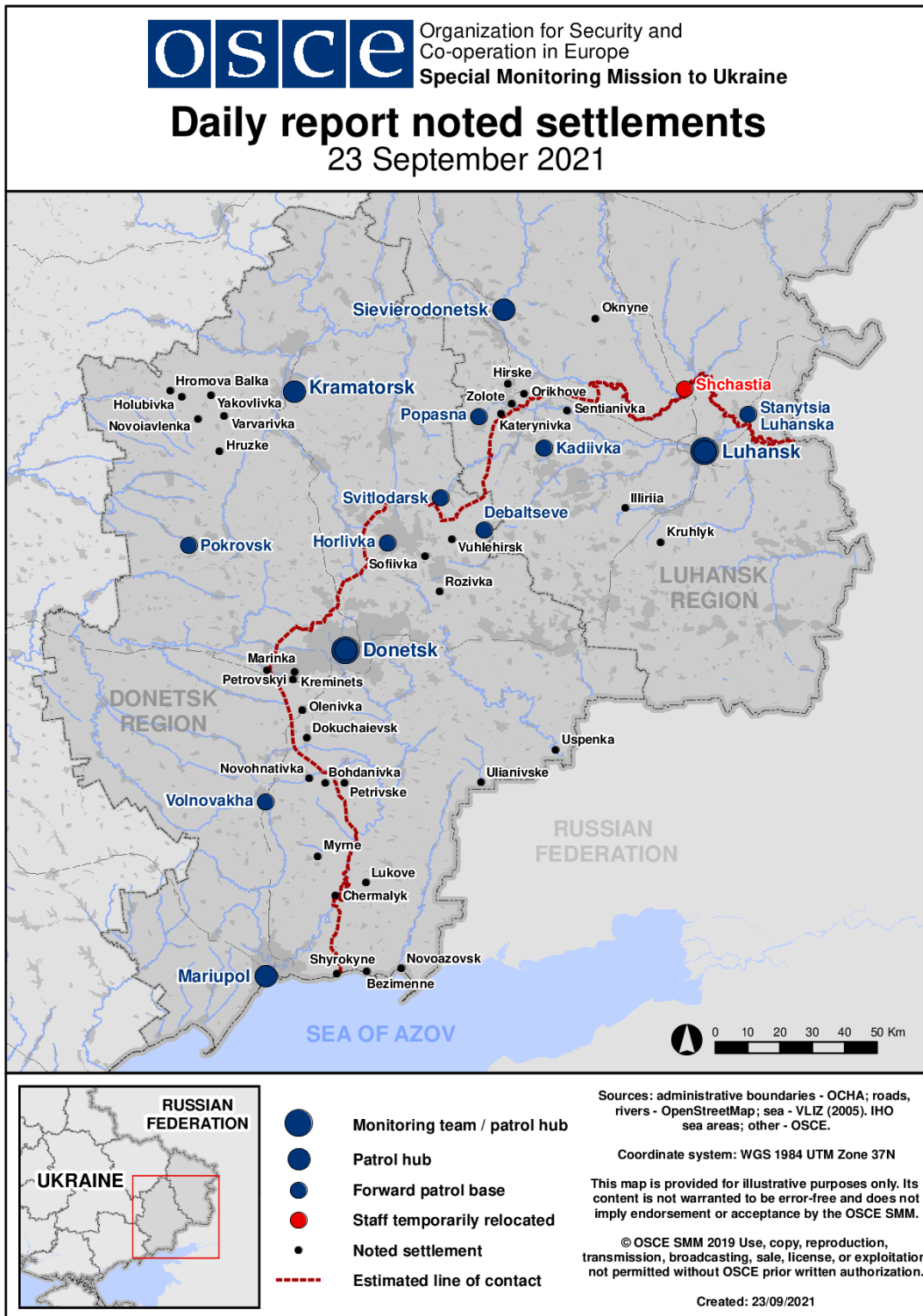
| SMM position | Event location | Means | No. | Observation | Description | Weapon | Date, time |
|---|----------------|----------|--------------|--------------------|--|---------------|---------------|
| SMM camera 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk) | 3-4km ESE | Recorded | 1 | Projectile | N to S (assessed as inside the disengagement area near Petrivske) | N/K | 21-Sep, 23:42 |
| | 3-4km ESE | Recorded | 1 | Projectile | SSW to NNE (assessed as inside the disengagement area near Petrivske) | N/K | 21-Sep, 23:47 |
| | 3-4km ESE | Recorded | 1 | Projectile | NNE to SSW (assessed as inside the disengagement area near Petrivske) | N/K | 21-Sep, 23:51 |
| | 3-4km ESE | Recorded | 1 | Explosion | Impact; (subsequent to previous event; assessed as inside the disengagement area near Petrivske) | N/K | 21-Sep, 23:51 |
| SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre) | 4-6km NNE | Recorded | 1 | Explosion | Undetermined | N/K | 21-Sep, 22:21 |
| | 4-6km NNE | Recorded | 1 | Explosion | Undetermined | N/K | 21-Sep, 22:22 |
| SMM camera in Petrivske (non-government-controlled, 41km S of Donetsk) | 0.5-1.5km W | Recorded | 1 | Illumination flare | In vertical flight (assessed as outside the disengagement area) | N/K | 22-Sep, 00:37 |
| SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk) | 4-6km N | Recorded | 1 | Explosion | Undetermined | N/K | 21-Sep, 20:30 |
| | 4-6km N | Recorded | 2 | Projectile | WSW to ENE | N/K | 21-Sep, 20:30 |
| | 4-6km N | Recorded | 1 | Projectile | WSW to ENE | N/K | 21-Sep, 20:34 |
| | 4-6km N | Recorded | 1 | Explosion | Explosion | N/K | 21-Sep, 20:37 |
| | 4-5km N | Recorded | 1 | Explosion | Explosion | N/K | 21-Sep, 20:41 |
| | 4-6km N | Recorded | 1 | Projectile | SW to NE | N/K | 21-Sep, 20:48 |
| | 4-6km N | Recorded | 1 | Explosion | Airburst (subsequent to previous event) | N/K | 21-Sep, 20:48 |
| | 3-5km NNE | Recorded | 3 | Projectile | ESE to WNW | N/K | 21-Sep, 20:49 |
| | 4-6km N | Recorded | 1 | Projectile | E to W | N/K | 21-Sep, 20:52 |
| | 4-6km N | Recorded | 1 | Explosion | Impact (subsequent to previous event) | N/K | 21-Sep, 20:52 |
| | 4-6km N | Recorded | 2 | Explosion | Undetermined | N/K | 21-Sep, 20:54 |
| | 4-6km N | Recorded | 3 | Explosion | Undetermined | N/K | 21-Sep, 20:55 |
| | 4-6km N | Recorded | 1 | Muzzle flash | | N/K | 21-Sep, 20:57 |
| | 4-6km N | Recorded | 1 | Projectile | W to E (subsequent to previous event) | N/K | 21-Sep, 20:57 |
| | 4-6km N | Recorded | 1 | Explosion | Impact (subsequent to previous event) | N/K | 21-Sep, 20:57 |
| | 4-6km N | Recorded | 1 | Illumination flare | In vertical flight | N/K | 21-Sep, 20:58 |
| | 4-6km N | Recorded | 1 | Muzzle flash | | N/K | 21-Sep, 21:08 |
| | 4-6km N | Recorded | 1 | Projectile | E to W (subsequent to previous event) | N/K | 21-Sep, 21:08 |
| | 4-6km N | Recorded | 1 | Explosion | Impact (subsequent to previous event) | N/K | 21-Sep, 21:08 |
| | 4-6km N | Recorded | 10 | Projectile | E to W | N/K | 21-Sep, 21:10 |
| | 4-6km NNW | Recorded | 1 | Explosion | Undetermined | N/K | 21-Sep, 21:10 |
| | 4-6km N | Recorded | 9 | Projectile | E to W | N/K | 21-Sep, 21:11 |
| | 4-6km N | Recorded | 1 | Explosion | Undetermined | N/K | 21-Sep, 21:12 |
| | 4-6km N | Recorded | 1 | Explosion | Undetermined | N/K | 21-Sep, 21:14 |
| | 5-7km N | Recorded | 12 | Projectile | E to W | N/K | 21-Sep, 21:16 |
| | 4-6km N | Recorded | 13 | Projectile | E to W | N/K | 21-Sep, 21:18 |
| | 4-6km N | Recorded | 3 | Projectile | E to W | N/K | 21-Sep, 22:19 |
| | 4-6km N | Recorded | 1 | Projectile | W to E | N/K | 21-Sep, 23:08 |
| | 4-6km N | Recorded | 1 | Projectile | W to E | N/K | 21-Sep, 23:09 |
| | 4-6km N | Recorded | 1 | Projectile | W to E | N/K | 21-Sep, 23:34 |
| 4-6km N | Recorded | 1 | Muzzle flash | | N/K | 21-Sep, 23:35 | |

⁸ 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 | |
|--|--|----------|-----------|----------------|---------------------------------------|---------------------|---------------------|---------------------|
| | 4-6km N | Recorded | 1 | Projectile | W to E (subsequent to previous event) | N/K | 21-Sep, 23:35 | |
| | 3-5km N | Recorded | 30 | Projectile | W to E | N/K | 21-Sep, 23:37 | |
| | 3-5km N | Recorded | 19 | Projectile | E to W | N/K | 21-Sep, 23:39 | |
| | 3-5km N | Recorded | 1 | Projectile | E to W | N/K | 21-Sep, 23:43 | |
| | 3-5km N | Recorded | 7 | Projectile | E to W | N/K | 22-Sep, 00:14 | |
| | 3-5km N | Recorded | 3 | Projectile | E to W | N/K | 22-Sep, 00:17 | |
| | 3-5km N | Recorded | 2 | Projectile | E to W | N/K | 22-Sep, 00:19 | |
| | 4-6km N | Recorded | 1 | Projectile | W to E | N/K | 22-Sep, 00:55 | |
| | 4-6km N | Recorded | 1 | Projectile | W to E | N/K | 22-Sep, 01:00 | |
| | 3-5km N | Recorded | 3 | Projectile | E to W | N/K | 22-Sep, 01:03 | |
| | 3-5km N | Recorded | 7 | Projectile | E to W | N/K | 22-Sep, 01:04 | |
| | 3-5km N | Recorded | 1 | Projectile | E to W | N/K | 22-Sep, 01:05 | |
| | 4-6km N | Recorded | 2 | Projectile | E to W | N/K | 22-Sep, 02:59 | |
| | 4-6km N | Recorded | 7 | Projectile | E to W | N/K | 22-Sep, 03:45 | |
| | 4-6km N | Recorded | 1 | Explosion | Undetermined | N/K | 22-Sep, 04:02 | |
| | 3-5km N | Recorded | 6 | Projectile | E to W | N/K | 22-Sep, 04:04 | |
| | 3-5km N | Recorded | 2 | Projectile | E to W | N/K | 22-Sep, 04:05 | |
| | 3-5km N | Recorded | 2 | Projectile | E to W | N/K | 22-Sep, 04:06 | |
| | Horlivka (non-government-controlled, 39km NE of Donetsk) | 5km W | Heard | 5 | Explosion | Undetermined | N/K | 21-Sep, 20:13-20:17 |
| | | 5-6km W | Heard | 1 | Explosion | Undetermined | N/K | 21-Sep, 20:48 |
| 5-6km W | | Heard | 111 | Shot and burst | | N/K | 21-Sep, 22:33-22:45 | |
| 5-6km W | | Heard | 29 | Shot | | Small arms | 21-Sep, 22:53-22:54 | |
| 5-6km W | | Heard | 2 | Explosion | Undetermined | N/K | 21-Sep, 23:14 | |
| 5-6km W | | Heard | 7 | Burst | | N/K | 21-Sep, 23:17 | |
| 5-6km W | | Heard | 2 | Explosion | Undetermined | N/K | 21-Sep, 23:17 | |
| 5-6km W | | Heard | 3 | Burst | | N/K | 22-Sep, 03:23 | |
| Svitlodarsk (government-controlled, 57km NE of Donetsk) | 3-4km S | Heard | 10 | Burst | | HMG | 21-Sep, 19:30 | |
| | 3-4km S | Heard | 6 | Explosion | Undetermined | N/K | 21-Sep, 19:30 | |
| | 3-4km SSE | Heard | 12 | Burst | | HMG | 21-Sep, 20:40 | |
| | 3-4km SSE | Heard | 5 | Explosion | Undetermined | N/K | 21-Sep, 20:40 | |
| | 3-4km SSE | Heard | 20 | Burst | | HMG | 21-Sep, 21:10 | |
| | 3km SSE | Heard | 10 | Explosion | Undetermined | N/K | 21-Sep, 21:10 | |
| | 3-4km SSE | Heard | 20 | Burst | | IFV (type N/K) | 21-Sep, 21:30 | |
| | 3-4km SSE | Heard | 6 | Explosion | Undetermined | N/K | 21-Sep, 21:30 | |
| | 3-4km SSE | Heard | 15 | Burst | | IFV (type N/K) | 21-Sep, 21:35 | |
| | 3-4km SSE | Heard | 12 | Explosion | Undetermined | N/K | 21-Sep, 21:35 | |
| | 3-4km SSE | Heard | 5 | Burst | | HMG | 21-Sep, 21:40 | |
| | 3-4km SSE | Heard | 4 | Explosion | Undetermined | N/K | 21-Sep, 21:40 | |
| | 4-5km SSE | Heard | 1 | Explosion | Undetermined | N/K | 21-Sep, 22:00 | |
| | 4-5km SSE | Heard | 15 | Burst | | HMG | 21-Sep, 22:07 | |
| | 4-5km SSE | Heard | 10 | Explosion | Undetermined | N/K | 21-Sep, 22:20-22:23 | |
| | 4-5km SSE | Heard | 7 | Explosion | Undetermined | N/K | 21-Sep, 22:30 | |
| | 4-5km SSE | Heard | 15 | Burst | | HMG | 21-Sep, 22:37 | |
| | 4-5km SSE | Heard | 5 | Burst | | HMG | 21-Sep, 22:40 | |
| | 2-3km SW | Heard | 7 | Burst | | HMG | 21-Sep, 22:43 | |
| | 2-3km SW | Heard | 20 | Burst | | HMG | 21-Sep, 22:47 | |
| | 3km S | Heard | 1 | Explosion | Undetermined | N/K | 21-Sep, 22:48 | |
| | 5-7km E | Heard | 10 | Explosion | Undetermined | N/K | 21-Sep, 22:55-23:00 | |
| 4-5km SSE | Heard | 15 | Explosion | Undetermined | N/K | 21-Sep, 23:45-23:55 | | |
| About 9km WNW of Horlivka (non-government-controlled, 39km NE of Donetsk) | 3-5km SSW | Heard | 1 | Explosion | Undetermined | N/K | 22-Sep, 10:52 | |
| | 3-5km SSW | Heard | 1 | Explosion | Undetermined | N/K | 22-Sep, 11:07 | |
| About 2.5km SSE of Sofiivka (formerly Karlo-Marksove, non-government-controlled, 40km NE of Donetsk) | 1.5-2.5km NW | Heard | 80 | Shot | | Small arms | 22-Sep, 10:50-10:58 | |
| | 1.5-2.5km NW | Heard | 40 | Burst | | Small arms | 22-Sep, 10:50-10:58 | |

| SMM position | Event location | Means | No. | Observation | Description | Weapon | Date, time |
|--|----------------|---------------|-----|-------------|--------------|-----------------|---------------------|
| About 2km NE of Chernenko (government-controlled, 86km S of Donetsk) | 3-4km E | Heard | 1 | Explosion | Undetermined | N/K | 22-Sep, 10:19-10:23 |
| | 3-4km E | Heard and saw | 2 | Explosion | Undetermined | N/K | 22-Sep, 10:19-10:23 |
| | 3-4km E | Heard | 1 | Explosion | Undetermined | N/K | 22-Sep, 10:26 |
| | 5-6km E | Heard | 11 | Explosion | Undetermined | N/K | 22-Sep, 10:26-10:28 |
| | 5-6km SE | Heard | 6 | Explosion | Undetermined | N/K | 22-Sep, 10:28-10:30 |
| | 6km E | Heard | 1 | Explosion | Undetermined | N/K | 22-Sep, 10:34 |
| | 6km SE | Heard | 1 | Explosion | Undetermined | N/K | 22-Sep, 10:37 |
| | 6km NE | Heard | 1 | Explosion | Undetermined | N/K | 22-Sep, 10:48 |
| | 4-5km E | Heard | 2 | Burst | | HMG | 22-Sep, 10:52 |
| About 1km SSW of Orlivske (government-controlled, 82km S of Donetsk) | 5-6km E | Heard | 11 | Explosion | Undetermined | N/K | 22-Sep, 11:11-11:15 |
| Lebedynske (government-controlled, 99km S of Donetsk) | 4-6km NE | Heard | 7 | Explosion | Undetermined | N/K | 22-Sep, 10:29-10:40 |
| About 3.5km SW of Chermalyk (government-controlled, 77km S of Donetsk) | 4.5km NE | Heard | 11 | Shot | | Small arms | 22-Sep, 11:03 |
| | 4.5km NE | Heard | 3 | Burst | | Small arms | 22-Sep, 11:03 |
| Illiriia (non-government-controlled, 30km SW of Luhansk) | 1-5km N | Heard | 13 | Burst | | Small arms | 22-Sep, 11:12-11:38 |
| | 1-5km N | Heard | 44 | Burst | | HMG | 22-Sep, 11:12-11:38 |
| | 1-5km N | Heard | 6 | Explosion | Undetermined | N/K | 22-Sep, 11:12-11:38 |
| | 1-5km N | Heard | 21 | Shot | | Small arms | 22-Sep, 11:12-11:38 |
| About 2km N of Kruhlyk (non-government-controlled, 31km SW of Luhansk) | 1-3km NW | Heard | 41 | Shot | | Small arms | 22-Sep, 12:16-12:37 |
| | 1-3km NW | Heard | 9 | Burst | | Small arms | 22-Sep, 12:16-12:37 |
| | 1-3km NW | Heard | 2 | Burst | | HMG | 22-Sep, 12:16-12:37 |
| | 0.5-1km NW | Heard and saw | 1 | Explosion | Outgoing | Tank (type N/K) | 22-Sep, 13:42 |
| | 0.5-1km NW | Heard | 6 | Explosion | Outgoing | Tank (type N/K) | 22-Sep, 13:42 |
| | 3-5km NNE | Heard | 1 | Explosion | Undetermined | N/K | 22-Sep, 16:30 |

Map of Donetsk and Luhansk regions⁹



⁹ 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).