

Daily Report 231/2021

2 October 2021¹

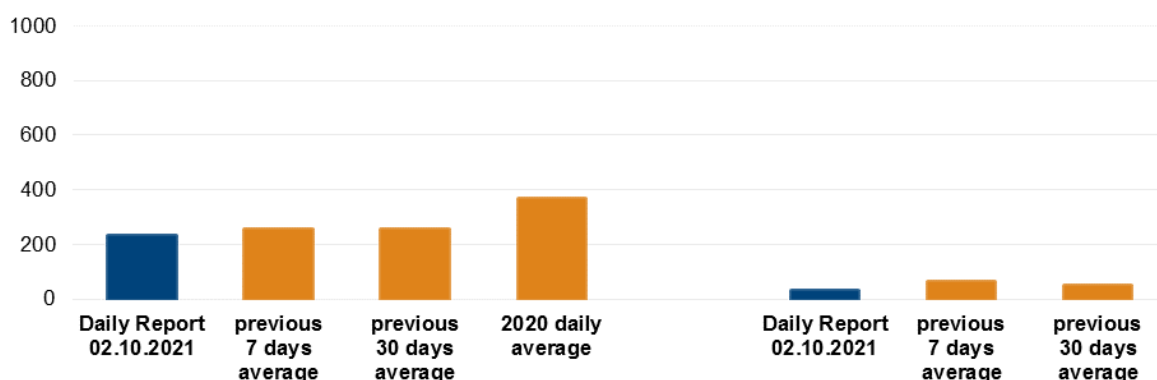
Summary

- In Donetsk region, the Mission recorded 209 ceasefire violations, including 13 explosions. In the previous reporting period, it recorded 250 ceasefire violations in the region.
- In Luhansk region, the SMM recorded 21 ceasefire violations, including 16 explosions. In the previous reporting period, it recorded 28 ceasefire violations in the region.
- An SMM mini-unmanned aerial vehicle (UAV) was assessed as targeted by small-arms fire near the disengagement area near Petrivske, Donetsk region.
- The Mission continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske, and recorded ceasefire violations inside the area near Petrivske.
- The SMM facilitated and monitored adherence to localized ceasefires to enable the operation and repairs 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 a checkpoint near non-government-controlled Horlivka, Donetsk region. Its UAVs again 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, 1 October 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 cameras at the Oktiabr mine were not operational, and weather conditions limited the observation capabilities of some of the other SMM cameras.

³ Including explosions.

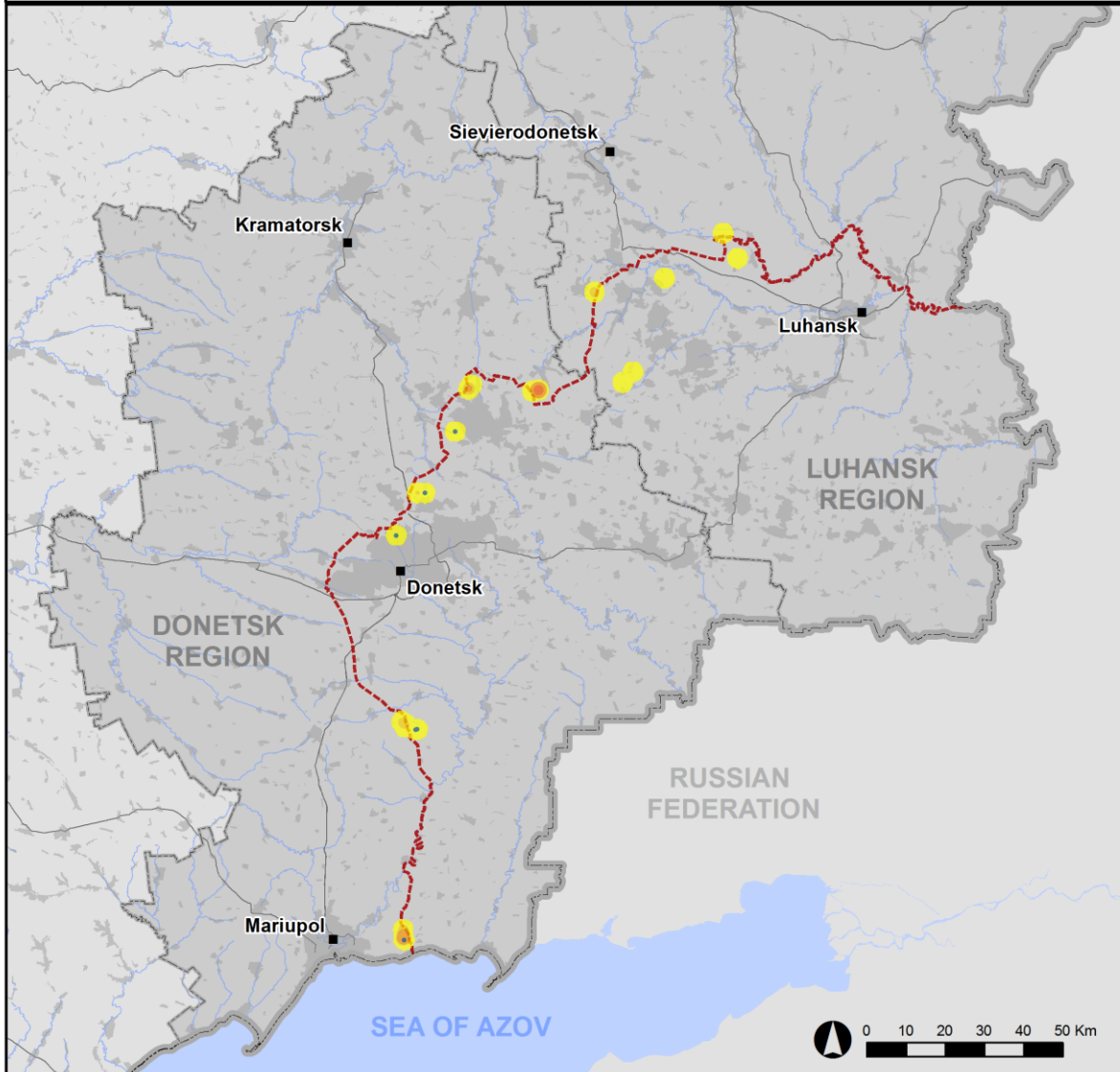
⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

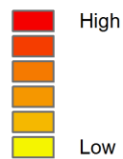


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 1 October 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: 02/10/2021

In Donetsk region, the SMM recorded 209 ceasefire violations, including 13 undetermined explosions. The majority of ceasefire violations occurred at southerly directions of Svitlodarsk (government-controlled, 57km north-east of Donetsk) and in areas north of Shyrokyne (government-controlled, 100km south of Donetsk). In the [previous reporting period](#), the SMM recorded 250 ceasefire violations, most of which also occurred near Svitlodarsk and Shyrokyne.

In Luhansk region, the Mission recorded 21 ceasefire violations, including 16 undetermined explosions. The majority of ceasefire violations occurred in areas south-east of Popasna (government-controlled, 69km west of Luhansk). In the [previous reporting period](#), the SMM recorded 47 ceasefire violations.

Following agreement reached at the meeting of the Trilateral Contact Group 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 61,679 ceasefire violations in both Donetsk and Luhansk regions (including 17,065 explosions, 12,163 projectiles in flight, 272 muzzle flashes, 246 illumination flares and at least 31,933 bursts and shots).

Small-arms fire assessed as directed at an SMM mini-UAV near Bohdanivka, Donetsk region

While positioned about 2km east of Bohdanivka (government-controlled, 41km south-west of Donetsk) to conduct an announced mini-unmanned aerial vehicle (UAV) flight near the disengagement area near Petrivske (non-government-controlled, 41km south of Donetsk), the SMM heard eight shots and bursts of small-arms fire at an assessed distance of 600m east of the SMM's position, assessed as targeting the UAV, which was flying near the positions of the Ukrainian Armed Forces. During the same flight, the UAV experienced GPS signal interference, assessed as caused by probable jamming. The Mission landed the UAV and left the area.*

Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske⁵

Inside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of 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 Mission saw five 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 the previously reported underground structure inside the area.

On the night of 30 September-1 October, the SMM camera 2km east of Bohdanivka recorded seven projectiles in flight at an assessed range of 1-3km east-south-east and south-east, assessed as inside the **disengagement area near Petrivske**.

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

During the day on 1 October, while positioned about 2km east of Bohdanivka, the SMM heard eight shots and bursts of small-arms fire, unable to be assessed as inside or outside the disengagement area (see above).

On the same day, while positioned at the same and another location near the disengagement area, the Mission heard two undetermined explosions, assessed as outside the disengagement area but within 5km of its periphery.

Withdrawal of weapons⁶

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 observed 24 howitzers, six anti-tank guns, and two multiple launch rocket systems in a training area near Buhaivka (non-government-controlled, 37km south-west of Luhansk).

Beyond withdrawal lines but outside designated storage sites, the SMM observed six mortars in a government-controlled area of Donetsk region. It also saw 15 tanks, five surface-to-air missile systems, and three mortars in the abovementioned training area, as well as a tank in a compound near a residential area in non-government-controlled areas of Luhansk region. (For further information, see the tables below.)

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

The Mission observed five infantry fighting vehicles near a residential area in a government-controlled area of Donetsk region. (For further information, see the table below.)

De-mining near government-controlled Sopyne, Donetsk region

About 650m north-west of Sopyne (government-controlled, 101km south of Donetsk), the Mission observed five men in uniforms of a humanitarian organization conducting de-mining in a field about 50m east of road C-051244.

SMM facilitation - the operation and repair of critical civilian infrastructure

The Mission continued to facilitate the operation of the Donetsk Filtration Station (DFS) (15km north of Donetsk). While positioned about 2km south-south-east of Kamianka (government-controlled, 20km north of Donetsk), the SMM heard an undetermined explosion and seven bursts of heavy-machine-gun fire, all assessed as within a 5km radius of the DFS.

The SMM also monitored the security situation around the pumping station near Vasylivka (non-government-controlled, 20km north of Donetsk).

⁶ In [SMM Daily Report of 23 September 2021](#) section “Weapons that the SMM could not verify as withdrawn” on p.4 should have been titled “Weapons Storage Sites” and read: “At a heavy weapons permanent storage site in a non-government-controlled area of Luhansk region, the SMM noted that one self-propelled howitzer (2S1 Gvozdika, 122mm) was missing, compared to the previous visit on 15 May 2021.”

The Mission also monitored adherence to a localized ceasefire to enable assessment and maintenance at the phenol sludge reservoir near Nelipivka (government-controlled, 40km north of Donetsk).

Situation at entry-exit checkpoints and corresponding checkpoints

In Donetsk region, the SMM observed 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 people queuing to travel in both directions.

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 were open, with people queuing to travel in both directions. South of the EECP, the SMM saw a newly-installed fence at the centre of the road leading southwards to the Stanytsia Luhanska bridge. About 300m south of the EECP on the same road, the Mission saw newly-installed metallic foundations, reportedly to be used for a shelter for people traveling towards government-controlled areas. (For previous observations in the area, see [SMM Daily Report of 1 October 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.

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, 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 28 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 on the southern edge of Horlivka (non-government-controlled, 39km north-east of Donetsk), a member of the armed formations denied the SMM passage south-west towards Ozerianivka (non-government-controlled, 35km north-east of Donetsk), citing “orders from his superiors”. While at the checkpoint, the Mission saw civilian traffic passing through.

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:⁷

- While conducting a mini-UAV flight near Bohdanivka (government-controlled, 41 south-west of Donetsk), near the disengagement area near Petrivske, the Mission heard eight shots and bursts of small-arms fire, assessed as targeting the UAV. During the same flight, the mini-UAV experienced GPS signal interference, assessed as caused by probable jamming. (See above.)
- While conducting an operational test flight, an SMM long-range UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas near government-controlled Varvarivka (81km north-west of Donetsk) and Novoandriivka (75km north-west of Donetsk), as well as dual GPS signal interference, assessed as caused by jamming, while flying over areas near government-controlled Novohryhorivka (70km north-west of Donetsk) and Stepanivka (54km north of Donetsk).
- SMM mini-UAVs experienced GPS signal interference, assessed as caused by probable jamming, during 20 flights: on four occasions each near non-government-controlled Holmivskyi (49km north-east of Donetsk) and Shyroka Balka (34km north-east of Donetsk), on three occasions near Hrechyshkyne (government-controlled, 45km north-west of Luhansk), on two occasions each near Vesele (government-controlled, 21km north of Donetsk) and Sukhodil (non-government-controlled, 21km west of Luhansk), and once near Ozerianivka (non-government-controlled, 35km north-east of Donetsk), Krasnohorivka (government-controlled, 24km north of Donetsk), Kruta Hora (non-government-controlled, 16km north-west of Luhansk), Novoselivka (non-government-controlled, 16km west of Luhansk), and Smile (non-government-controlled, 31km north-west of Luhansk).

⁷ 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.

Tables of weapons

Weapons in violation of withdrawal lines

Date	No. of weapons	Type of weapon	Location	Source of observation
Non-government-controlled areas				
30/09/2021	2	Multiple launch rocket system (BM-21 <i>Grad</i> , 122mm)	In a training area near Buhaivka (37km south-west of Luhansk)	Mini-UAV
	12	Self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm)		
	11	Towed howitzer (D-30A <i>Lyagushka</i> , 122mm)		
	6	Anti-tank-gun (MT-12 <i>Rapira</i> , 100mm)		
	1	Towed howitzer (2A65 <i>Msta-B</i> , 152mm)		

Weapons beyond withdrawal lines but outside designated storage sites

Date	No. of weapons	Type of weapon	Location	Source of observation
Government-controlled areas				
30/09/2021	6	Mortar (2B9 <i>Vasilek</i> , 82mm)	Druzhkivka (72km north of Donetsk)	Long-range UAV
Non-government-controlled areas				
30/09/2021	4	Surface-to-air missile system (9K35 <i>Strela-10</i>)	In a training area near Buhaivka (37km south-west of Luhansk), where imagery also revealed the presence of two anti-aircraft guns and 63 armoured combat vehicles ⁸	Mini-UAV
	3	Mortar (2B11 <i>Sani</i> , 120mm)		
	15	Tank (one T-72B, nine T-64B and five type undetermined)		
	1	Surface-to-air missile system (9K33 <i>Osa</i>)		
	1	Tank (T-72B)	In a compound near a residential area of Perevalsk (38km west of Luhansk), where imagery revealed the presence of an anti-aircraft gun and 11 armoured combat vehicles.	

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

Date	No.	Type	Location	Source of observation
Government-controlled areas				
29/09/2021	5	Infantry fighting vehicle (BTR-variant)	Near a residential in Pivdenne (formerly Leninske, 40km north-east of Donetsk)	Mini-UAV

⁸ The anti-aircraft guns and armoured combat vehicles mentioned in this table are not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

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

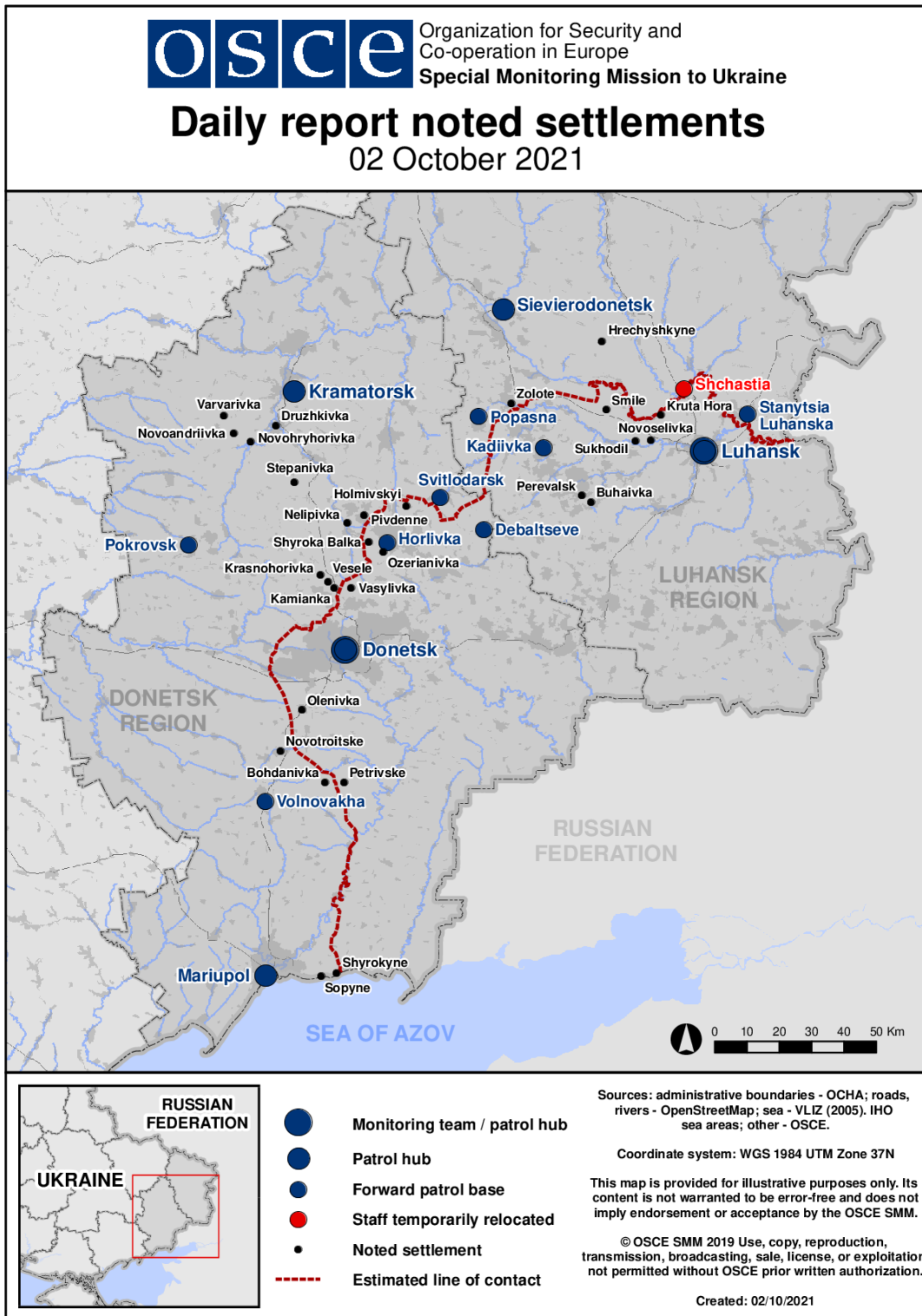
Table of ceasefire violations as of 1 October 2021¹⁰

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	1-3km SE	Recorded	2	Projectile	WSW to ENE (assessed as inside the disengagement area near Petrivske)	N/K	1-Oct, 01:29
	1-3km SE	Recorded	1	Projectile	WSW to ENE (assessed as inside the disengagement area near Petrivske)	N/K	1-Oct, 04:08
	1-3km ESE	Recorded	4	Projectile	NNE to SSW (assessed as inside the disengagement area near Petrivske)	N/K	1-Oct, 04:38
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	1-3km E	Recorded	16	Projectile	In vertical flight	N/K	30-Sep, 19:02
	2-4km ENE	Recorded	2	Projectile	In vertical flight	N/K	30-Sep, 23:01
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	6-8km N	Recorded	12	Projectile	WSW to ENE	N/K	30-Sep, 19:03
	4-6km N	Recorded	8	Projectile	WSW to ENE	N/K	30-Sep, 21:17
	4-6km N	Recorded	3	Projectile	WSW to ENE	N/K	30-Sep, 21:18
	4-6km N	Recorded	2	Projectile	WSW to ENE	N/K	30-Sep, 21:22
	4-6km N	Recorded	3	Projectile	WSW to ENE	N/K	30-Sep, 21:26
	4-6km N	Recorded	14	Projectile	WSW to ENE	N/K	30-Sep, 21:31
	4-6km N	Recorded	3	Projectile	WSW to ENE	N/K	30-Sep, 21:32
	4-6km N	Recorded	1	Projectile	SE to NW	N/K	30-Sep, 23:47
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km SSE	Recorded	48	Projectile	NE to SW	N/K	30-Sep, 18:43
	3-5km SSE	Recorded	1	Projectile	NE to SW	N/K	30-Sep, 18:45
	3-5km SSE	Recorded	15	Projectile	NE to SW	N/K	30-Sep, 19:01
	3-5km SSE	Recorded	7	Projectile	NE to SW	N/K	30-Sep, 19:04
	3-5km S	Recorded	1	Projectile	WSW to ENE	N/K	30-Sep, 19:04
	3-5km SSE	Recorded	10	Projectile	NE to SW	N/K	30-Sep, 19:07
	3-5km SSE	Recorded	4	Projectile	NE to SW	N/K	30-Sep, 19:13
	3-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	30-Sep, 19:13
	3-5km SSE	Recorded	16	Projectile	NE to SW	N/K	30-Sep, 19:16
	3-5km SSE	Recorded	1	Projectile	NE to SW	N/K	30-Sep, 19:18
	3-5km SSE	Recorded	2	Projectile	NE to SW	N/K	30-Sep, 19:20
	3-5km SSE	Recorded	4	Projectile	NE to SW	N/K	30-Sep, 19:21
About 4km W of Horlivka (non-government-controlled, 39km NE of Donetsk)	4-5km SSE	Heard	1	Explosion	Undetermined	N/K	1-Oct, 10:44
About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	3-4km S	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	1-Oct, 11:53
About 4km SSE part of Avdiivka (government-controlled, 17km N of Donetsk)	5-7km S	Heard	2	Explosion	Undetermined	N/K	1-Oct, 08:22
About 2km SSE of Kamianka (government-controlled, 20km N of Donetsk)	2-3km E	Heard	7	Burst		HMG	1-Oct, 08:49-08:53
	4-5km E	Heard	1	Explosion	Undetermined	N/K	1-Oct, 09:10
About 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	4-6km ESE	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area near Petrivske)	N/K	1-Oct, 09:20
	600m E	Heard	1	Shot	Unable to be assessed as inside or outside the disengagement area near Petrivske	Small arms	1-Oct, 11:43

¹⁰ 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
	600m E	Heard	7	Burst	Unable to be assessed as inside or outside the disengagement area near Petrivske	Small arms	1-Oct, 11:43
About 600m NE of Lebedynske (government-controlled, 99km S of Donetsk)	2-5km E	Heard	7	Explosion	Undetermined	N/K	1-Oct, 12:04-12:08
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	2-4km SW	Recorded	1	Projectile	NW to SE	N/K	30-Sep, 20:32
N edge of Popasna (government-controlled, 69km W of Luhansk)	4-7km SE	Heard	3	Explosion	Undetermined	N/K	30-Sep, 19:55-20:10
	4-7km SE	Heard	4	Burst		HMG	30-Sep, 19:55-20:10
	4-7km SE	Heard	5	Explosion	Undetermined	N/K	1-Oct, 08:27-08:30
S edge of the disengagement area near Zolote (government-controlled, 60km W of Luhansk)	10-12km E	Heard	3	Explosion	Undetermined	N/K	1-Oct, 10:15-10:30
W edge of Irmino (non-government-controlled, 54km W of Luhansk)	15-20km S	Heard	3	Explosion	Undetermined	N/K	1-Oct, 10:19-10:27
N edge of Trokhizbenka (government-controlled, 32km NW of Luhansk)	7-9km SSW	Heard	1	Explosion	Undetermined	N/K	1-Oct, 11:01
E edge of Kalynove (non-government-controlled, 60km W of Luhansk)	15-18km S	Heard	1	Explosion	Undetermined	N/K	1-Oct, 10:59

Map of Donetsk and Luhansk regions¹¹



¹¹ 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).