

Daily Report 285/2021

4 December 2021¹

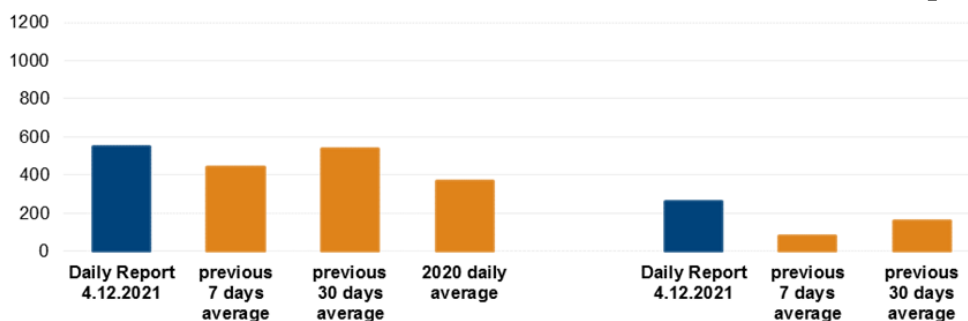
Summary

- In Donetsk region, the SMM recorded 286 ceasefire violations, including 131 explosions. In the previous reporting period, it recorded 809 ceasefire violations in the region.
- In Luhansk region, the Mission recorded 261 ceasefire violations, including 128 explosions. In the previous reporting period, it recorded 69 ceasefire violations in the region.
- Members of the armed formations denied the SMM passage towards government-controlled areas near Zolote and Molodizhne and delayed its passage near Stanytsia Luhanska, Luhansk region.*
- The Mission continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske. It recorded ceasefire violations inside and near the disengagement areas near Stanytsia Luhanska and Petrivske and spotted people inside the disengagement area near Petrivske.
- The SMM facilitated the operation and maintenance of critical civilian infrastructure.
- The Mission continued following up on the situation of civilians, including at four entry-exit checkpoints and four corresponding checkpoints of the armed formations in Donetsk and Luhansk regions. The SMM heard and recorded ceasefire violations close to civilian infrastructure in and near Stanytsia Luhanska.
- The Mission saw two convoys crossing between government and non-government-controlled areas near Olenivka.
- The SMM observed three military-type trucks in border areas outside government control in Donetsk region.
- The SMM's freedom of movement continued to be restricted, including at two checkpoints of the armed formations and at a hospital in Donetsk region. Its unmanned aerial vehicles encountered instances of GPS signal interference, assessed as caused by probable jamming and jamming.*

Ceasefire violations²

Number of recorded ceasefire violations³

Number of recorded explosions⁴



¹ Based on information from the Monitoring Teams as of 19:30, 3 December 2021. All times are in Eastern European Time.

² For a complete breakdown of ceasefire violations, please see the annexed table. During the reporting period, the SMM cameras near Oktiabr mine and near Petrivske were not operational.

³ Including explosions.

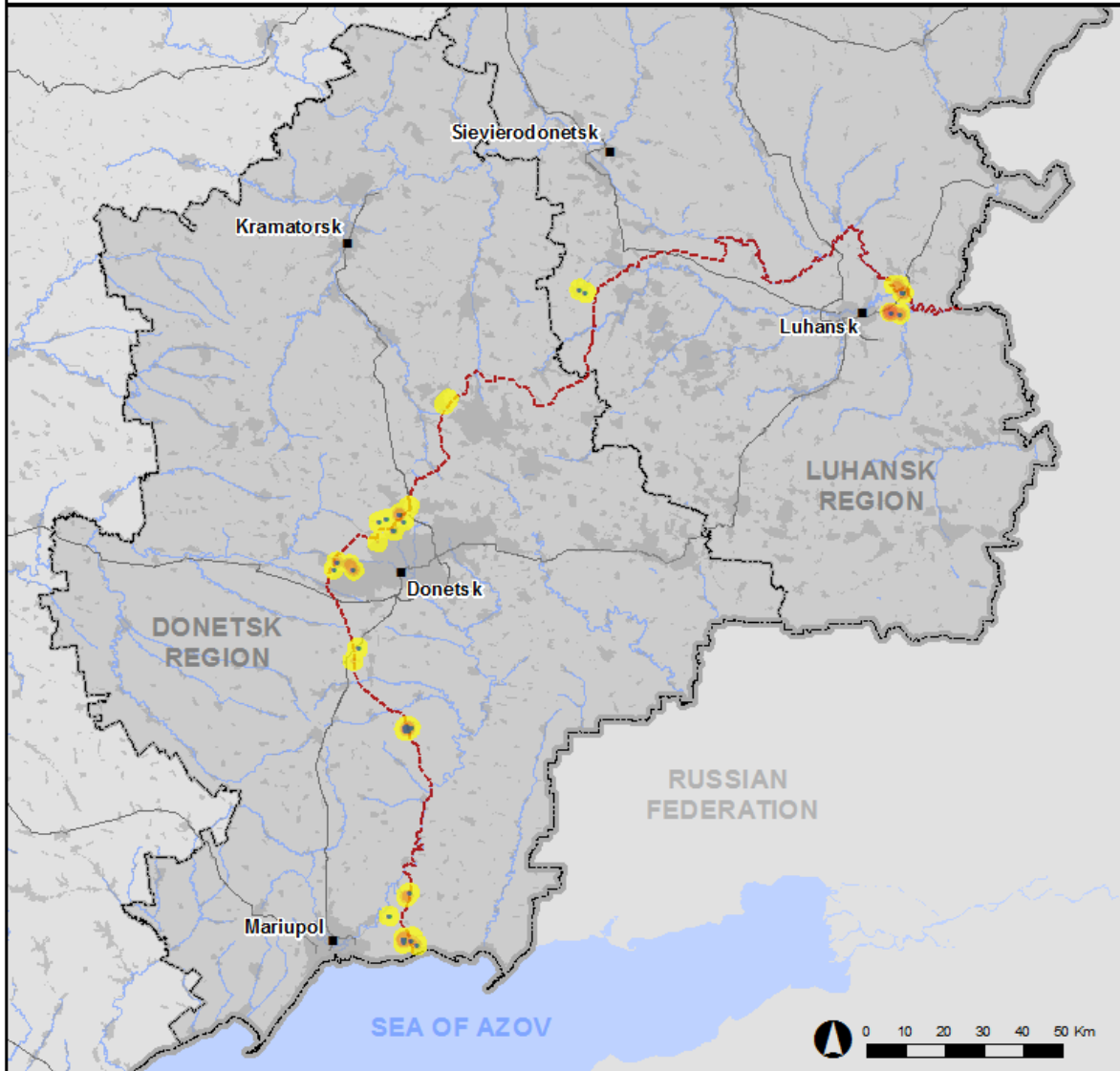
⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

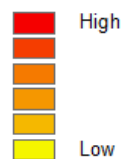


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 3 December 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: 04/12/2021

In Donetsk region, the SMM recorded 286 ceasefire violations, including 131 explosions (one airburst, 18 outgoing and 112 undetermined). The majority of ceasefire violations occurred in areas north of Shyrokyne (government-controlled, 100km south of Donetsk); to the west of Yasynuvata (non-government-controlled, 16km north-east of Donetsk); to the south of Staromykhailivka (non-government-controlled, 15km west of Donetsk); and inside and south of the disengagement area near Petrivske (non-government-controlled, 41km south of Donetsk). In the [previous reporting period](#), the Mission recorded 809 ceasefire violations in the region, some of which also occurred in areas north of Shyrokyne and close to the disengagement area near Petrivske.

In Luhansk region, the SMM recorded 261 ceasefire violations, including 128 explosions (six impacts, 11 undetermined and 111 outgoing and impacts). The majority of ceasefire violations occurred in areas to the south of the disengagement area near Stanytsia Luhanska (government-controlled, 16km north-east of Luhansk) (see below). In the [previous reporting period](#), the Mission recorded 69 ceasefire violations in the region, some of which also occurred near the disengagement area near Stanytsia Luhanska.

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 SMM has recorded at least 88,980 ceasefire violations in both Donetsk and Luhansk regions (including 24,490 explosions, 21,194 projectiles in flight, 403 muzzle flashes, 381 illumination flares and at least 42,512 bursts and shots).

Armed formations denied the SMM passage towards government-controlled areas near Zolote and Molodizhne and delayed its passage near Stanytsia Luhanska, Luhansk region

On 3 December, the armed formations in Luhansk region twice denied the SMM passage to government-controlled areas and once significantly delayed its passage.

The first denial occurred at 09:07 at the checkpoint of the armed formations near the southern edge of the disengagement area near Zolote (government-controlled, 60km west of Luhansk). The second occurred at 11:02 at a checkpoint of the armed formations on road T-0504 about 1.5km south-west of Molodizhne (non-government-controlled, 63km north-west of Luhansk). On the first occasion, members of the armed formations cited “the SMM’s safety”, and on the second - “orders from superiors”.

The passage of another SMM patrol travelling through the checkpoint of the armed formations south of the Stanytsia Luhanska bridge (15km north-east of Luhansk) was delayed after armed formation members requested that Mission members comply with an inspection of luggage. The Mission refused the request and was allowed to pass only after about two hours.* (See [SMM Spot Report 34/2021](#).)

Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske⁵

Inside the **disengagement area near Stanytsia Luhanska**, the Mission saw six members of the armed formations (wearing armbands with “JCCC” written on them) south of the repaired span of the Stanytsia Luhanska bridge.

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 reporting period, the SMM cameras in Stanytsia Luhanska and at the Prince Ihor Monument south-east of the Stanytsia Luhanska bridge recorded five projectiles in flight and six muzzle flashes assessed as inside the disengagement area, and two muzzle flashes, nine explosions (three undetermined and six impacts) and 30 projectiles in flight assessed as outside the disengagement area but within 5km of its periphery.

While at the eastern edge of Stanytsia Luhanska, an SMM patrol heard 111 explosions (outgoing and impacts) and 90 bursts and shots of small-arms and heavy-machine-gun fire assessed as outside the disengagement area but within 5km of its periphery.

Near the checkpoint of the armed formations south of the **disengagement area near Zolote** (government-controlled, 60km west of Luhansk), the SMM saw two members of the armed formations (wearing armbands with "JCCC" written on them). The Mission again saw the seven previously observed containers located south of the area's southern edge and inside the disengagement area. It saw that the previously reported road barriers across road T-1316, on the area's southern edge, continued to be closed.

During the day on 2 December, inside the **disengagement area near Petrivske** (non-government-controlled, 41km south of Donetsk), an SMM long-range unmanned-aerial vehicle (UAV) spotted one person inside a former position of the Ukrainian Armed Forces, about 2km east-south-east of its north-western corner, as well as one person inside a former position of the armed formations, about 30m west-south-west of the area's eastern edge and about 370m north-north-west of the area's south-eastern corner.

Outside the area, about 15m south of its southern edge, the same UAV also spotted two people walking north towards a former position of the armed formations near its south-eastern corner.

During the reporting period, the SMM camera about 2km east of Bohdanivka (government-controlled, 41km south-west of Donetsk) recorded ten projectiles in flight and nine undetermined explosions assessed as inside the disengagement area, as well as four undetermined explosions unable to be assessed as either inside or outside of the area. During the same period, an SMM patrol positioned on the western edge of Petrivske heard 16 bursts and shots of small-arms and heavy-machine-gun fire assessed as inside the disengagement area, as well as six undetermined explosions assessed as outside the disengagement area but within 5km of its periphery.

Withdrawal of weapons

The Mission 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 SMM saw a mortar in a non-government-controlled area of Donetsk region.

Beyond withdrawal lines but outside designated storage sites, the Mission saw ten howitzers and 17 tanks, including at two railway stations in government-controlled areas of Donetsk and Luhansk regions. The Mission also observed 15 tanks and 28 pieces of artillery in a training area near Myrne in a non-government-controlled area of Luhansk region. (For further information, see the tables below.)

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

The SMM observed three armoured combat vehicles in government-controlled areas of Donetsk and Luhansk regions. (For further information, see the table below.)

Presence of anti-tank mines near Sakhanka, Donetsk region.

On 2 December, about 2km south-south-west of the southern edge of Sakhanka (non-government-controlled, 97km south of Donetsk), an SMM mini-UAV spotted nine [previously reported](#) anti-tank mines laid across road M-14, assessed as belonging to the armed formations.

SMM facilitation of the operation and maintenance of critical civilian infrastructure

The SMM continued to facilitate the operation of the Donetsk Filtration Station (15km north of Donetsk) (DFS). While positioned near Yasynuvata (non-government-controlled, 16km north-east of Donetsk), the Mission heard 31 undetermined explosions and three bursts of small-arms fire, assessed as within a 5km radius of the DFS. Nine of the explosions occurred during the transfer of DFS workers between the station and Yasynuvata.

The SMM also monitored adherence to localized ceasefires to facilitate electrical repair works near Tavrycheske (non-government-controlled, 76km south of Donetsk) and in Syhnalne (non-government-controlled, 23km south-west of Donetsk), as well as to power lines in Krasnohorivka (government-controlled, 21km west of Donetsk) and to water pipelines in Staromykhailivka (non-government-controlled, 15km west of Donetsk). While positioned at these last two locations, the SMM heard 17 explosions near Krasnohorivka, and 21 explosions and 24 bursts and shots of small-arms and heavy-machine-gun fire near Staromykhailivka.

Situation at entry-exit checkpoints and corresponding checkpoints

In Donetsk region, the Mission 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 civilian traffic passing through in both directions.

While at the corresponding checkpoint of the armed formations near Olenivka, the Mission observed a convoy consisting of ten trucks bearing the logo of an international humanitarian organisation, as well as one vehicle and one mini-bus bearing the logo of another international humanitarian organisation, travelling towards government-controlled areas. While at the same checkpoint, the SMM saw a convoy consisting of one mini-bus, two vehicles and four trucks, all of them bearing the logo of the same international humanitarian organisation, travelling towards non-government-controlled areas.

In Luhansk region, the SMM 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 queueing to travel in both directions.

Between 15:30 and 16:20, while on the eastern edge of Stanytsia Luhanska, the SMM heard 111 undetermined explosions and 90 bursts and shots of small-arms and heavy-machine-gun fire assessed as inside the area. Between 15:45 and 16:05, the SMM cameras in Stanytsia Luhanska and at the Prince Ihor Monument south-east of the Stanytsia Luhanska bridge

recorded five projectiles in flight and six muzzle flashes assessed as inside the disengagement area. The aforementioned cameras also recorded two muzzle flashes, nine explosions and 30 projectiles in flight, which were assessed as outside the disengagement area but within 5km of its periphery. Some of these occurred close to a residential area of Stanytsia Luhanska, a railway line, and a road used by civilians and the SMM to cross the disengagement area. (See above and the table below.)

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.

Along road T-1316, between the EECP near Zolote and the following intersection, on the western side of the road, the Mission observed four workers building a fence. (For previous observations in the area, see [SMM Daily Report of 30 November 2021](#).)

Border areas outside government control

On 1 December, aerial imagery available to the SMM revealed the presence of a military-type truck at a compound near Samiilove (89km south of Donetsk), a probable military-type truck in a field about 2km south-south-east of Konkove (79km south of Donetsk), and a probable military-type truck at a compound in Markyne (94km south of Donetsk) in areas outside government control, all several kilometres west of the international border with the Russian Federation. (For previous observations in the areas, see SMM Daily Reports of [24 August 2021](#) and [12 November 2021](#).)

The SMM continued monitoring in Kherson, Lviv, Odessa, 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, 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 30 November 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 the Trudivski area of Donetsk city's Petrovskiyi district (non-government-controlled, 15km south-west of Donetsk city centre), a member of the armed formations denied the Mission passage further south-west, citing "security reasons". The

SMM intended to follow up on a civilian casualty. While at the checkpoint, the Mission observed 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.

Delay:

- At a checkpoint near Shevchenko (non-government-controlled, 69km south of Donetsk), two visibly armed members of the armed formations allowed the SMM passage south-west towards Tavrycheske (non-government-controlled, 76km south of Donetsk) only after 36 minutes of waiting, citing "security reasons". The Mission was travelling towards Tavrycheske to monitor a localized ceasefire to facilitate electrical repair works in the area. (See above.)

Other impediments:⁶

- Medical staff at a hospital in Horlivka (non-government-controlled, 39km north-east of Donetsk), refused to share information related to an alleged civilian casualty, citing a "need for permission" from those in control.
- SMM mini-UAVs experienced GPS signal interference, assessed as caused by probable jamming, during eight flights: on four occasions while flying over areas near non-government-controlled Luhansk city's Zhovtnevyi district, on two occasions while flying over Zolote-4/Rodina (government-controlled, 62km west of Luhansk), and once each while flying over areas near Zolote-2/Karbonit (government-controlled, 62km west of Luhansk) and Popasna (government-controlled, 69km west of Luhansk).

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.

Tables of weapons

Weapons in violation of withdrawal lines

Date	No. of weapons	Type of weapon	Location	Source of observation
Non-government-controlled areas				
2/12/2021	1	Mortar (2B14 <i>Podnos</i> , 82mm)	Near Naberezhne (77km south 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				
3/12/2021	1	Tank (T-64)	Near Bakhmut (formerly Artemivsk, 67km north of Donetsk)	Patrol
	16		At a railway station in Bakhmut (formerly Artemivsk, 67km north of Donetsk)	
	10	Self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm)	At a railway station in Rubizhne (84km north-west of Luhansk)	
Non-government-controlled areas				
2/12/2021	15	Tank (type undetermined)	In a training area near Myrne (28km south-west of Luhansk), where imagery also revealed the presence of 37 armoured combat vehicles ⁷	Aerial imagery
	28	Artillery piece (type undetermined)		

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

Date	No.	Type	Location	Source of observation
Government-controlled areas				
2/12/2021	1	Infantry fighting vehicle (BMP-1)	Near Orikhove (57km north-west of Luhansk)	Mini-UAV
3/12/2021	1	Armored personnel carrier (BTR-60)	In Klynove (68km north-east of Donetsk)	Patrol
	1	Armored personnel carrier (BTR-70)	Near Novobakhmutivka (28km north of Donetsk)	

⁷ The armoured combat vehicles mentioned in this table are not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

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 3 December 2021⁹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	1-3km ESE	Recorded	8	Projectile	WSW to ENE	N/K	2-Dec, 20:49
SMM camera 2km E of Bohdaniivka (government-controlled, 41km SW of Donetsk)	2-4km ESE	Recorded	2	Explosion	Undetermined (assessed as inside the disengagement area near Petrivske)	N/K	2-Dec, 21:13
	1-3km ESE	Recorded	1	Explosion	Undetermined (assessed as inside the disengagement area near Petrivske)	N/K	2-Dec, 21:16
	2-4km ESE	Recorded	1	Explosion	Undetermined (assessed as inside the disengagement area near Petrivske)	N/K	2-Dec, 21:18
	1-3km ESE	Recorded	1	Explosion	Undetermined (assessed as inside the disengagement area near Petrivske)	N/K	2-Dec, 21:20
	1-3km SE	Recorded	1	Explosion	Undetermined (assessed as inside the disengagement area near Petrivske)	N/K	2-Dec, 21:20
	1-3km SE	Recorded	1	Explosion	Undetermined (assessed as inside the disengagement area near Petrivske)	N/K	2-Dec, 21:21
	1-3km SE	Recorded	1	Explosion	Undetermined (assessed as inside the disengagement area near Petrivske)	N/K	2-Dec, 21:22
	1-2km SE	Recorded	2	Projectile	WNW to ESE (assessed as inside the disengagement area near Petrivske)	N/K	2-Dec, 22:25
	1-2km SE	Recorded	1	Projectile	SW to NE (assessed as inside the disengagement area near Petrivske)	N/K	2-Dec, 22:25
	2-4km SE	Recorded	3	Explosion	Undetermined (unable to assess if inside or outside the disengagement area near Petrivske)	N/K	2-Dec, 22:34
	2-4km ESE	Recorded	1	Explosion	Undetermined (assessed as inside the disengagement area near Petrivske)	N/K	2-Dec, 22:35
	2-4km SE	Recorded	1	Explosion	Undetermined (unable to assess if inside or outside the disengagement area near Petrivske)	N/K	2-Dec, 22:35
	1-2km SE	Recorded	3	Projectile	SW to NE (assessed as inside the disengagement area near Petrivske)	N/K	2-Dec, 23:52
	2-4km ESE	Recorded	2	Projectile	SSW to NNE (assessed as inside the disengagement area near Petrivske)	N/K	3-Dec, 01:14
	2-4km ESE	Recorded	2	Projectile	In vertical flight (assessed as inside the disengagement area near Petrivske)	N/K	3-Dec, 01:14
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	2-4km E	Recorded	20	Projectile	In vertical flight (also recorded by Shyrokyne 1 camera)	N/K	3-Dec, 17:17
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	4-6km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	2-Dec, 20:15
	4-6km NNE	Recorded	2	Projectile	SSW to NNE	N/K	2-Dec, 20:25
	4-6km N	Recorded	2	Projectile	W to E	N/K	2-Dec, 20:31
	4-6km NE	Recorded	1	Explosion	Undetermined	N/K	2-Dec, 20:56
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	2-Dec, 20:57
	4-6km N	Recorded	1	Projectile	W to E	N/K	2-Dec, 21:11
	4-6km N	Recorded	3	Projectile	W to E	N/K	2-Dec, 21:12
	4-6km N	Recorded	4	Projectile	W to E	N/K	2-Dec, 21:13
	4-6km NNE	Recorded	2	Explosion	Undetermined	N/K	2-Dec, 21:13
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	2-Dec, 21:34
	4-6km N	Recorded	2	Explosion	Undetermined	N/K	2-Dec, 21:38
	4-6km N	Recorded	1	Projectile	W to E	N/K	2-Dec, 21:59
	4-6km N	Recorded	3	Projectile	W to E	N/K	2-Dec, 22:00
	4-6km N	Recorded	2	Projectile	W to E	N/K	2-Dec, 22:40
5-7km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	2-Dec, 22:55	

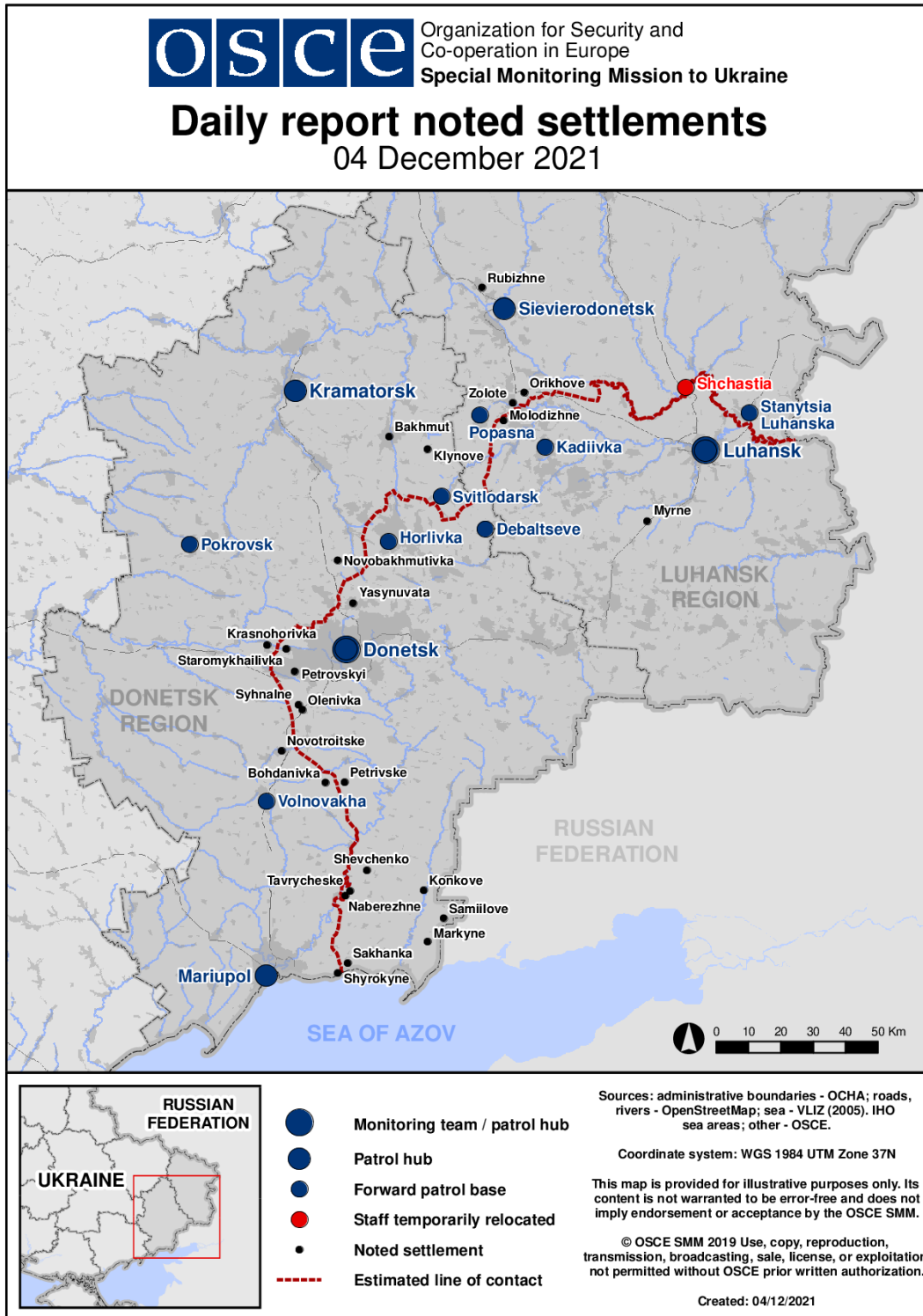
⁹ The table only includes ceasefire violations directly observed by SMM patrols or recorded by the SMM cameras, and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments 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.

	5-7km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	2-Dec, 23:03
	4-6km N	Recorded	1	Projectile	W to E	N/K	2-Dec, 23:16
	4-6km N	Recorded	1	Projectile	E to W	N/K	2-Dec, 23:45
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	2-Dec, 23:51
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	3-Dec, 00:10
	4-6km N	Recorded	1	Explosion	Airburst	N/K	3-Dec, 00:10
	4-6km N	Recorded	7	Projectile	W to E	N/K	3-Dec, 02:48
	4-6km N	Recorded	2	Projectile	In vertical flight	N/K	3-Dec, 02:48
	4-6km NE	Recorded	10	Projectile	E to W	N/K	3-Dec, 02:51
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	3-Dec, 03:41
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	3-Dec, 03:47
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	3-Dec, 03:51
	4-6km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	3-Dec, 04:07
	4-6km N	Recorded	1	Projectile	W to E	N/K	3-Dec, 04:36
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	3-Dec, 04:36
	4-6km NNE	Recorded	4	Projectile	E to W	N/K	3-Dec, 05:02
	3-5km N	Recorded	11	Projectile	ESE to WNW	N/K	3-Dec, 17:17
	4-6km N	Recorded	1	Projectile	SSE to NNW	N/K	3-Dec, 18:20
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	3-Dec, 18:22
	3-5km N	Recorded	1	Projectile	SW to NE	N/K	3-Dec, 18:22
About 500m ESE of Pivdenne (formerly Leninske, government-controlled, 40km NE of Donetsk)	1-2km E	Heard	3	Burst		Small arms	3-Dec, 10:00-10:05
	1-2km SSE	Heard	3	Burst		HMG	3-Dec, 10:20-10:25
E part of Krasnohorivka (government-controlled, 21km W of Donetsk)	2-3km ESE	Heard	17	Explosion	Outgoing	N/K	3-Dec, 09:26-09:32
SE part of Krasnohorivka (government-controlled, 21km W of Donetsk)	2-4km SE	Heard	1	Explosion	Undetermined	N/K	3-Dec, 09:39
About 2km ENE of Staromykhailivka (non-government-controlled, 15km W of Donetsk)	2-3km S	Heard	21	Explosion	Undetermined	N/K	3-Dec, 09:27-09:40
	1-2km SW	Heard	20	Shot		Small arms	3-Dec, 09:27-09:40
	1-2km SW	Heard	4	Burst		HMG	3-Dec, 09:27-09:40
About 3km WSW of Donetsk central railway station (non-government-controlled, 6km NW of Donetsk)	1km NW	Heard	7	Burst		Small arms	3-Dec, 11:07
About 1km SSW of Olenivka (non-government-controlled, 23km SW of Donetsk)	2-3km SSW	Heard	1	Explosion	Undetermined	N/K	3-Dec, 12:37
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	5-6km WSW	Heard	1	Explosion		N/K	3-Dec, 09:08
	5-6km SW	Heard	2	Explosion		N/K	3-Dec, 09:20-09:30
	5-6km WSW	Heard	1	Explosion		N/K	3-Dec, 09:42
	5-6km WSW	Heard	27	Explosion		N/K	3-Dec, 12:31-12:35
	10-12km WSW	Heard	4	Explosion	Undetermined	N/K	3-Dec, 12:35-12:37
	8-10km WSW	Heard	4	Explosion	Undetermined	N/K	3-Dec, 12:44-12:45
	8-10km WSW	Heard	1	Explosion	Undetermined	N/K	3-Dec, 12:51
	2-3km W	Heard	3	Burst		Small arms	3-Dec, 12:59-13:00
	8-10km SW	Heard	5	Explosion	Undetermined	N/K	3-Dec, 13:04-13:05
	8-10km SW	Heard	1	Explosion	Undetermined	N/K	3-Dec, 13:15
	8-10km SW	Heard	5	Explosion	Undetermined	N/K	3-Dec, 13:29-13:31
Petrivske (non-government-controlled, 41km S of Donetsk)	2km SW	Heard	12	Shot	Assessed as inside the disengagement area	Small arms	3-Dec, 12:11
	3km SW	Heard	6	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	3-Dec, 12:27
	2km SW	Heard	4	Burst	Assessed as inside the disengagement area	HMG	3-Dec, 12:28
Pyshchevyk (government-controlled, 84km S of Donetsk)	2-3km E	Saw	4	Explosion	Undetermined	Artillery (type N/K)	3-Dec, 11:32
About 1.5km NE of Talakivka (government-controlled, 90km S of Donetsk)	1-2km ESE	Heard	1	Explosion	Undetermined	N/K	3-Dec, 09:58
	1-2km ESE	Heard	1	Explosion	Outgoing	N/K	3-Dec, 10:09
	100-200m N	Recorded	1	Muzzle flash	Assessed as outside the disengagement area	N/K	3-Dec, 15:45

SMM camera at Prince Ihor Monument SE of Stanytsia Luhanska bridge (15km NE of Luhansk)	100-200m N	Recorded	1	Projectile	NW to SE (subsequent to previous event, assessed as outside the disengagement area)	N/K	3-Dec, 15:45
	100-200m NNW	Recorded	2	Explosion	Impact (assessed as outside the disengagement area)	N/K	3-Dec, 15:47
	100-200m N	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	3-Dec, 15:47
	100-200m N	Recorded	2	Projectile	NW to SE (assessed as outside the disengagement area)	N/K	3-Dec, 15:47
	100-200m NNW	Recorded	1	Explosion	Impact (assessed as outside the disengagement area)	N/K	3-Dec, 15:49
	100-200m N	Recorded	10	Projectile	NW to SE (assessed as outside the disengagement area)	N/K	3-Dec, 15:51
	100-200m N	Recorded	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	3-Dec, 15:51
	100-200m N	Recorded	1	Explosion	Impact (assessed as outside the disengagement area)	N/K	3-Dec, 15:56
	100-200m N	Recorded	2	Explosion	Impact (assessed as outside the disengagement area)	N/K	3-Dec, 15:57
	100-200m N	Recorded	2	Projectile	NW to SE (assessed as outside the disengagement area)	N/K	3-Dec, 16:00
	400-600m NW	Recorded	2	Projectile	E to W (assessed as inside the disengagement area)	N/K	3-Dec, 16:04
	400-600m NW	Recorded	4	Muzzle flash	Assessed as inside the disengagement	N/K	3-Dec, 16:04
	400-600m NW	Recorded	2	Projectile	E to W (assessed as inside the disengagement area)	N/K	3-Dec, 16:05
	400-600m NW	Recorded	1	Projectile	SW to NE (assessed as inside the disengagement area)	N/K	3-Dec, 16:05
400-600m NW	Recorded	2	Muzzle flash	Assessed as inside the disengagement area	N/K	3-Dec, 16:05	
SMM camera in Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	300-500m W	Recorded	1	Muzzle flash	Assessed as outside the disengagement area	N/K	3-Dec, 15:46
	300-500m W	Recorded	1	Projectile	NW to SE (subsequent to previous event, assessed as inside the disengagement area)	N/K	3-Dec, 15:46
	300-500m W	Recorded	1	Muzzle flash	Assessed as outside the disengagement area	N/K	3-Dec, 15:46
	300-500m W	Recorded	1	Muzzle flash	Assessed as outside the disengagement area	N/K	3-Dec, 15:47
	300-500m W	Recorded	1	Projectile	NW to SE (subsequent to previous event, assessed as inside the disengagement area)	N/K	3-Dec, 15:47
	300-500m W	Recorded	1	Muzzle flash	Assessed as outside the disengagement area	N/K	3-Dec, 15:49
	300-500m W	Recorded	1	Projectile	NW to SE (subsequent to previous event, assessed as inside the disengagement area)	N/K	3-Dec, 15:49
	1-2km W	Recorded	5	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	3-Dec, 15:50
	300-500m W	Recorded	3	Muzzle flash	Assessed as outside the disengagement area	N/K	3-Dec, 15:56
	300-500m W	Recorded	3	Projectile	NW to SE (subsequent to previous event, assessed as inside the disengagement area)	N/K	3-Dec, 15:56
	300-500m W	Recorded	1	Muzzle flash	Assessed as outside the disengagement area near Stanytsia Luhanska	N/K	3-Dec, 15:57
	1-2km W	Recorded	1	Projectile	NNE to SSW (assessed as outside the disengagement area)	N/K	3-Dec, 16:04
	1-2km W	Recorded	1	Projectile	ESE to WNW (assessed as outside the disengagement area)	N/K	3-Dec, 16:05
1-2km W	Recorded	2	Projectile	NNW to SSE (assessed as outside the disengagement)	N/K	3-Dec, 16:05	
N edge of Popasna (government-controlled, 69km west of Luhansk)	3km S	Heard	3	Explosion	Undetermined	N/K	3-Dec, 15:49-15:52
	3-5km SSE	Heard	5	Explosion	Undetermined	N/K	3-Dec, 16:12
E edge of Stanytsia Luhanska (15km north-east of Luhansk)	5-8km SSW	Heard	96	Explosion	Outgoing and impact (assessed as outside the disengagement area)	Artillery (type N/K)	3-Dec, 15:30-16:00
	5-8km SSW	Heard	12	Burst	Assessed as outside the disengagement area	Small arms	3-Dec, 15:30-16:00

	5-8km SSW	Heard	63	Burst	Assessed as outside the disengagement area	HMG	3-Dec, 15:30-16:00
	5-8km S	Heard	15	Burst	Assessed as outside the disengagement area	HMG	3-Dec, 16:05-16:20
	5-8km S	Heard and saw	15	Explosion	Outgoing and impact (assessed as outside the disengagement area)	Mortar (type N/K)	3-Dec, 16:05-16:20

Map of Donetsk and Luhansk regions¹⁰



¹⁰ 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).