

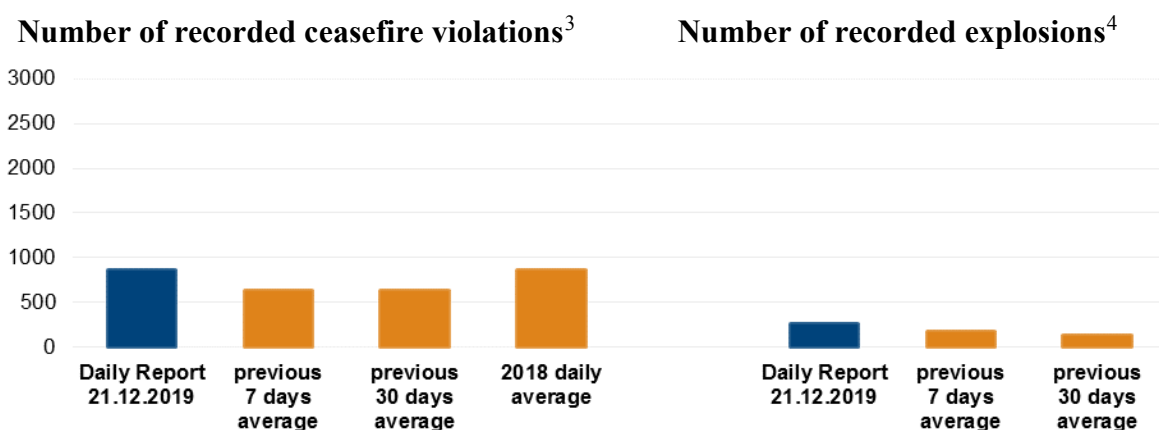
Daily Report 302/2019

21 December 2019¹

Summary

- Compared with the previous reporting period, the SMM recorded more ceasefire violations in both Donetsk and Luhansk regions.
- Inside the Zolote disengagement area, the SMM saw workers and deminers from non-government-controlled areas clearing vegetation.
- Inside the Stanytsia Luhanska disengagement area, the Mission saw two ambulances from government- and non-government-controlled areas testing driving across the bridge.
- The Mission monitored adherence to localized ceasefires to facilitate damage assessment to water pipelines in non-government-controlled Olenivka. It continued to facilitate the operation of the Donetsk Filtration Station.
- The SMM's freedom of movement continued to be restricted, including at a checkpoint of the armed formations near Verkhnohyrokiivske, Donetsk region and at a railway station in Voznesenivka, Luhansk region.*

Ceasefire violations²



¹ Based on information from the Monitoring Teams as of 19:30, 20 December 2019. 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 camera at the Prince Ihor Monument south-east of the Stanytsia Luhanska bridge was not operational.

³ Including explosions.

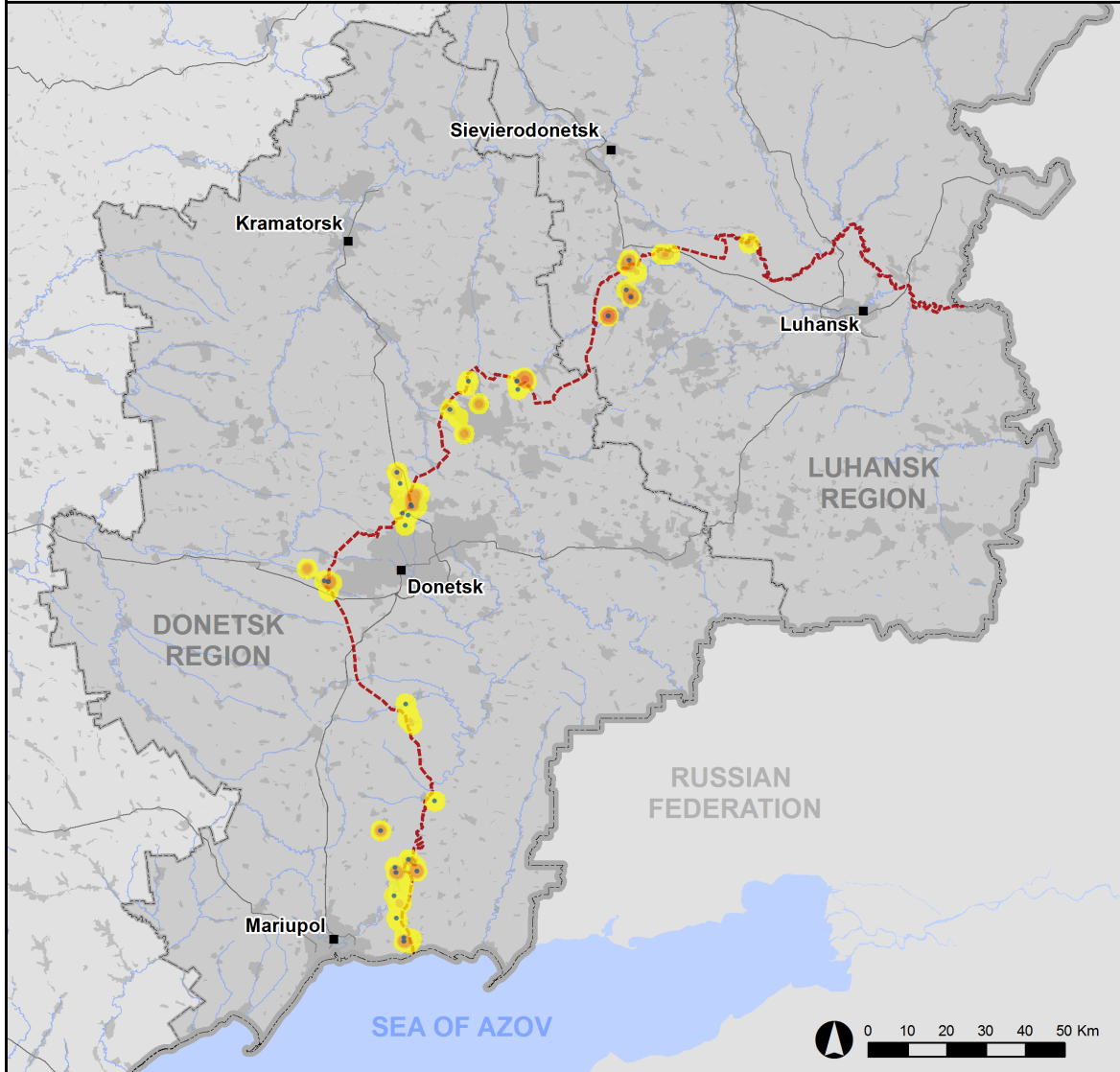
⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

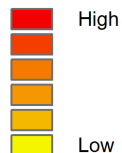


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 20 December 2019



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.

© OSCE SMM 2019 Use, copy, reproduction, transmission, broadcasting, sale, license, or exploitation not permitted without OSCE prior written authorization.

Created: 21/12/2019

In Donetsk region, the SMM recorded more ceasefire violations, including, however, fewer explosions (about 120), compared with the [previous reporting period](#) (about 140 explosions). The highest number of the ceasefire violations were recorded at south-westerly directions of Svitlodarsk (government-controlled, 57km north-east of Donetsk), at northerly and south-easterly directions of Chermalyk (government-controlled, 77km south of Donetsk) and at northerly directions of Horlivka (non-government-controlled, 39km north-east of Donetsk).

In Luhansk region, the SMM recorded more ceasefire violations, including more explosions (about 330), compared with the [previous reporting period](#) (nine explosions). More than two third of the ceasefire violations, including the majority of explosions, were recorded in areas west of Kalynove (non-government-controlled, 60km west of Luhansk), at westerly directions of Holubivka (formerly Kirovsk, non-government-controlled, 51km west of Luhansk) and in areas north-north-east of Zolote (government-controlled, 60km west of Luhansk) (see below).

Disengagement areas near Petrivske, Zolote and Stanytsia Luhanska⁵

On 20 December, positioned about 700m north-west of Petrivske (non-government-controlled, 41km south of Donetsk), the SMM heard seven shots of small-arms fire at an assessed distance of 1km south-south-west, assessed as inside **the disengagement area near Petrivske**. Positioned about 2km north of Petrivske, the Mission heard an undetermined explosion about 3-5km north-west and a shot of small-arms fire 2-3km west-south-west, both assessed as outside the disengagement area, but within its 5km periphery. The Mission also saw about five objects, assessed as possible mine hazard signs inside the disengagement area, about 520m south of its northern edge and about 2km east of its western edge.

Outside the disengagement area, about 80m south of the said road between Petrivske and Viktorivka (non-government-controlled, 42km south-west of Donetsk) and about 40m north of the disengagement area's northern edge, the SMM also saw a member of the armed formations and grey smoke near a [previously reported](#) trench.

On the same day, inside **the disengagement area near Zolote**, the SMM saw two vehicles, 20 workers and five deminers from non-government-controlled areas clearing vegetation on the western side of road T-1316, about 100-800m north of the area's southern edge. Positioned on the southern edge of the disengagement area, the SMM heard 20 explosions (15 undetermined and five assessed as outgoing with subsequent impacts) and 25 bursts of small-arms fire, all at an assessed range of 3-5km north-north-east, assessed as outside the disengagement area, but within its 5km periphery.

On 19 December, outside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), an SMM mini-unmanned aerial vehicle (UAV) [again](#) spotted an infantry fighting vehicle (probable BTR-3DA) under camouflage net, about 50m north of the area's northern edge, assessed as belonging to the Ukrainian Armed Forces.

On 20 December, the SMM observed two ambulances crossing the new section of the Stanytsia Luhanska bridge (15km north-east of Luhansk), reportedly for testing purposes: one from non-government-controlled areas towards government-controlled areas and then back, another from government-controlled areas towards non-government-controlled areas and back. During the

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

testing, the Mission saw two Ukrainian Armed Forces officers to the Joint Centre for Control and Co-ordination (JCCC) north of the new section of the bridge and four members of the armed formations (wearing armbands with “JCCC” written on them) south of it. Throughout the day, the SMM also saw nine members of the armed formations (wearing armbands with “JCCC” written on them) between the new section of the bridge and the checkpoint of the armed formations south of it.

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.

The Mission observed two weapons in violation of withdrawal lines in a government-controlled area of Donetsk region. It also saw 27 weapons beyond withdrawal lines but outside of designated storage sites in a government-controlled area of Luhansk region (for further details, see table below).

Indications of military and military-type presence in the security zone⁶

The SMM observed military and military-type presence inside the security zone on both sides of the contact line in Donetsk region, including one in a residential area in a non-government-controlled area (for further details, see the table below).

The Mission also saw for the first time at least four trenches and at least four pieces of equipment under camouflage nets in a field south-west of Vozdvyzhenka (formerly Krasnyi Pakhar, government-controlled, 66km north-east of Donetsk).

Presence of anti-tank mines near government-controlled Pavlopil and Shyrokyne and non-government-controlled Verkhnohyrokiivske

On 18 December, an SMM mid-range UAV [again](#) spotted 11 anti-tank mines, assessed as part of a larger minefield, about 3km east-north-east of Pavlopil (government-controlled, 84km south of Donetsk), assessed as belonging to the Ukrainian Armed Forces. About 2.5km further east-north-east and about 4km north of Verkhnohyrokiivske (formerly Oktiabr, non-government-controlled, 85km south of Donetsk), the same UAV [again](#) spotted about 150 anti-tank mines, assessed as belonging to the armed formations.

On 19 December, an SMM mid-range UAV [again](#) spotted about 60 anti-tank mines laid in two rows across a field on the north-eastern edge of Shyrokyne (government-controlled, 100km south of Donetsk), assessed as belonging to Ukrainian Armed Forces. About 500m north-west, the UAV [again](#) spotted seven anti-tank mines laid across road M14 (including one on the southern shoulder of the road).

Long queues at checkpoints along the contact line

On the morning of 20 December for about 2.5 hours at a checkpoint of the armed formations near Olenivka (non-government-controlled, 23km south-west of Donetsk), the SMM [again](#) saw

⁶ The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

a long queue: at least 300 cars, about 15 full buses and at least 250 people on foot queuing to travel towards government-controlled areas. Two women and a man (mixed ages) told the Mission that they had been waiting for at least three and five hours respectively, noting that waiting in the cold was especially difficult for elderly people. On the same afternoon, the Mission saw again about 300 cars queuing to travel towards government-controlled areas and about 150 cars queuing in the opposite direction. At a checkpoint of the armed formations near Kremiets (non-government-controlled, 16km south-west of Donetsk), the SMM [again](#) observed at least 150 vehicles queuing to travel to government-controlled areas.

Border areas outside government control

While at a border crossing point near Voznesenivka (formerly Chervonopartyzansk, 65km south-east of Luhansk) for about 80 minutes, the SMM saw a gas transporting truck with Ukrainian licence plates entering Ukraine and four cars exiting Ukraine.

While at the Chervona Mohyla railway station in Voznesenivka for about five minutes, the SMM saw no traffic in either direction. Thereafter, an armed member of the armed formations told the SMM to leave the area.*

SMM facilitation of repairs to and operation of critical civilian infrastructure

The SMM monitored adherence to a localized ceasefire to facilitate the assessment of damage to water pipeline in Olenivka. The Mission continued to facilitate the operation of the Donetsk Filtration Station (15km north of Donetsk) and monitor the security situation around the pumping station near Vasylivka (non-government-controlled, 20km north of Donetsk).

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, 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 Package of Measures have agreed on the need for this safe and secure access, that restriction of the SMM's freedom of movement constitutes a violation, and on the need for rapid response to these violations. They have also agreed that the 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 of access:

- At a checkpoint west of Verkhnoшыrokivske (formerly Oktiabr, non-government-controlled, 85km south of Donetsk), on two occasions, members of the armed

formations, denied the SMM passage, including towards a border area outside government control, once citing “demining activities in the area”.

- At the Chervona Mohyla railway station in Voznesenivka (formerly Chervonopartyzansk, non-government-controlled, 65km south-east of Luhansk), an armed member of the armed formations told the SMM to leave 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.

Table of weapons
Weapons in violation of the withdrawal lines

Date	No. of weapons	Type of weapon	Location	Source of observation
Government-controlled areas				
20/12/2019	2	Surface-to-air missile system (9K33 <i>Osa</i>)	In a residential area of Vidrozhennia (66km north-east of Donetsk)	Patrol

Beyond withdrawal lines but outside of designated storage sites

Date	No. of weapons	Type of weapon	Location	Source of observation
Government-controlled areas				
19/12/2019	4	Surface-to-air missile system (9K35 <i>Strela-10</i>) (including three without missile boxes)	At a railway station in Rubizhne (84km north-west of Luhansk). At the same station, the UAV spotted about 60 infantry fighting vehicles. ⁷	Mini-UAV
	1	Self-propelled anti-aircraft system (2K22/2S6M <i>Tunguska</i>)		
20/12/2019	22	Tank (T-72)		Patrol

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

Date	No.	Type	Location	Source of observation
Government-controlled areas				
20/12/2019	2	Armoured personnel carriers (type undetermined)	Near Rozivka (32km north of Donetsk)	Patrol
Non-government-controlled areas				
18/12/2019	1	Probable anti-aircraft gun (2A13 ZU-23, 23mm)	In a residential area of Verkhnoшыrokivske (formerly Oktiabr, 85km south of Donetsk)	Mid-range UAV

⁷ Infantry fighting vehicles mentioned in this section are not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

⁸The 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 20 December 2019⁹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	19-Dec, 18:53
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	1-1.5km ESE	Recorded	4	Projectile	NNE to SSW	N/K	20-Dec, 03:47
	3-5km SE	Recorded	1	Projectile	SSW to NNE	N/K	20-Dec, 16:26
	3-5km SE	Recorded	4	Projectile	NNE to SSW	N/K	20-Dec, 16:53
	3-5km SE	Recorded	13	Projectile	NNE to SSW	N/K	20-Dec, 17:05
	3-5km SE	Recorded	1	Explosion	Outgoing	N/K	20-Dec, 17:05
	3-5km SE	Recorded	4	Projectile	NNE to SSW	N/K	20-Dec, 17:17
	3-5km SE	Recorded	1	Projectile	NNE to SSW	N/K	20-Dec, 17:19
	3-5km SE	Recorded	3	Projectile	SSW to NNE	N/K	20-Dec, 17:28
	3-5km SE	Recorded	5	Projectile	NNE to SSW	N/K	20-Dec, 17:30
	3-5km SE	Recorded	1	Projectile	NNE to SSW	N/K	20-Dec, 17:33
	3-5km SE	Recorded	1	Burst	SSW to NNE	N/K	20-Dec, 17:35
	3-5km SE	Recorded	2	Projectile	NNE to SSW	N/K	20-Dec, 17:36
	3-5km SE	Recorded	1	Burst	SSW to NNE	N/K	20-Dec, 17:38
	3-5km SE	Recorded	1	Burst	SSW to NNE	N/K	20-Dec, 17:40
	3-5km SE	Recorded	1	Burst	SSW to NNE	N/K	20-Dec, 17:42
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1km S	Recorded	3	Muzzle flash		N/K	20-Dec, 01:59
	300-700m S	Recorded	4	Muzzle flash		N/K	20-Dec, 02:05
	500-700m S	Recorded	1	Projectile	W to E	N/K	20-Dec, 02:05
	0.5-1km S	Recorded	2	Muzzle flash		N/K	20-Dec, 02:25
	500-700m S	Recorded	1	Explosion	Undetermined	N/K	20-Dec, 17:20
500-700m S	Recorded	1	Projectile	NNW to SSE	N/K	20-Dec, 17:46	
SMM camera in Hranitne (government-controlled, 60km S of Donetsk)	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	20-Dec, 17:26
SMM camera E of Lomakyne (government-controlled, 90km S of Donetsk)	3-5km ENE	Recorded	1	Projectile	N to S	N/K	20-Dec, 17:12
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	1-2km ENE	Recorded	2	Projectile	NNW to SSE	N/K	19-Dec, 23:05
	2-3km NE	Recorded	1	Explosion	Undetermined	N/K	20-Dec, 00:47
SMM camera at entry-exit checkpoint in Marinka (government-	2-4km NNE	Recorded	23	Projectile	WNW to ESE	N/K	19-Dec, 21:24
	2-4km N	Recorded	1	Projectile	WNW to ESE	N/K	20-Dec, 00:09
	2-4km NNE	Recorded	1	Projectile	WNW to ESE	N/K	20-Dec, 00:10
	2-4km NNE	Recorded	1	Projectile	WNW to ESE	N/K	20-Dec, 00:11
	2-4km NNE	Recorded	1	Projectile	WNW to ESE	N/K	20-Dec, 00:12

⁹ The table only includes ceasefire violations directly observed by the SMM 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 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 and/or other considerations. Ceasefire violations recorded by more than one patrol and assessed to be the same are entered only once.

controlled, 23km SW of Donetsk)	2-4km NNE	Recorded	2	Projectile	WNW to ESE	N/K	20-Dec, 00:13
	2-4km NNE	Recorded	1	Projectile	WNW to ESE	N/K	20-Dec, 00:14
	2-4km NNE	Recorded	1	Projectile	WNW to ESE	N/K	20-Dec, 00:15
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	20-Dec, 00:52
	2-4km NNE	Recorded	1	Projectile	WNW to ESE	N/K	20-Dec, 00:54
	2-4km NNE	Recorded	2	Projectile	WNW to ESE	N/K	20-Dec, 00:55
	2-4km NNE	Recorded	1	Projectile	In vertical flight	N/K	20-Dec, 00:55
	2-4km N	Recorded	1	Explosion	Undetermined	N/K	20-Dec, 01:21
	2-4km NNE	Recorded	2	Projectile	WNW to ESE	N/K	20-Dec, 02:03
	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	20-Dec, 02:04
	2-4km N	Recorded	1	Projectile	In vertical flight	N/K	20-Dec, 02:19
SMM camera in Petrivske (non-government-controlled, 41km S of Donetsk)	1-3km NW	Recorded	5	Projectile	Assessed as outside the disengagement area	N/K	13-Dec, 21:22
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	3-5km N	Recorded	1	Explosion	Outgoing	N/K	19-Dec, 19:43
	3-5km N	Recorded	1	Explosion	Impact	N/K	19-Dec, 19:43
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	19-Dec, 20:06
	3-5km N	Recorded	2	Explosion	Undetermined	N/K	19-Dec, 20:07
	3-5km N	Recorded	1	Projectile	W to E	N/K	19-Dec, 20:10
	3-5km N	Recorded	2	Explosion	Undetermined	N/K	19-Dec, 20:11
	3-5km N	Recorded	1	Explosion	Outgoing	N/K	19-Dec, 20:11
	3-5km N	Recorded	1	Projectile	W to E	N/K	19-Dec, 20:11
	3-5km NNE	Recorded	2	Projectile	W to E	N/K	19-Dec, 20:11
	4-6km NNE	Recorded	1	Projectile	E to W	N/K	19-Dec, 20:12
	3-5km NNE	Recorded	2	Projectile	ESE to WNW	N/K	19-Dec, 20:14
	3-5km NNE	Recorded	2	Projectile	W to E	N/K	19-Dec, 20:14
	4-6km N	Recorded	2	Explosion	Undetermined	N/K	19-Dec, 20:23
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	19-Dec, 20:25
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	19-Dec, 20:31
	3-5km N	Recorded	5	Projectile	W to E	N/K	20-Dec, 00:08
	3-5km N	Recorded	7	Projectile	W to E	N/K	20-Dec, 03:22
3-5km N	Recorded	6	Projectile	W to E	N/K	20-Dec, 04:30	
About 1.2km NNE of the central railway station in Donetsk (non-government-controlled, 6km NW of Donetsk city center)	3-5km NE	Heard	1	Explosion	Undetermined	N/K	20-Dec, 09:27
W part of Petrovskiyi (non-government-controlled, 15km SW of Donetsk city center)	2-3km SW	Heard	3	Shot		Small arms	20-Dec, 11:21
Oleksandrivka (non-government-controlled, 20km SW of Donetsk)	3-4km NW	Heard	5	Burst		HMG	20-Dec, 13:48
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km NW	Heard	8	Burst		HMG	20-Dec, 09:15
	3-5km SW	Heard	1	Explosion	Undetermined	N/K	20-Dec, 09:28
	2-3km N	Heard	5	Burst		HMG	20-Dec, 10:04
	1km SW	Heard	5	Shot		Small arms	20-Dec, 10:12
	2-3km NW	Heard	20	Burst		Small arms	20-Dec, 12:29-12:34

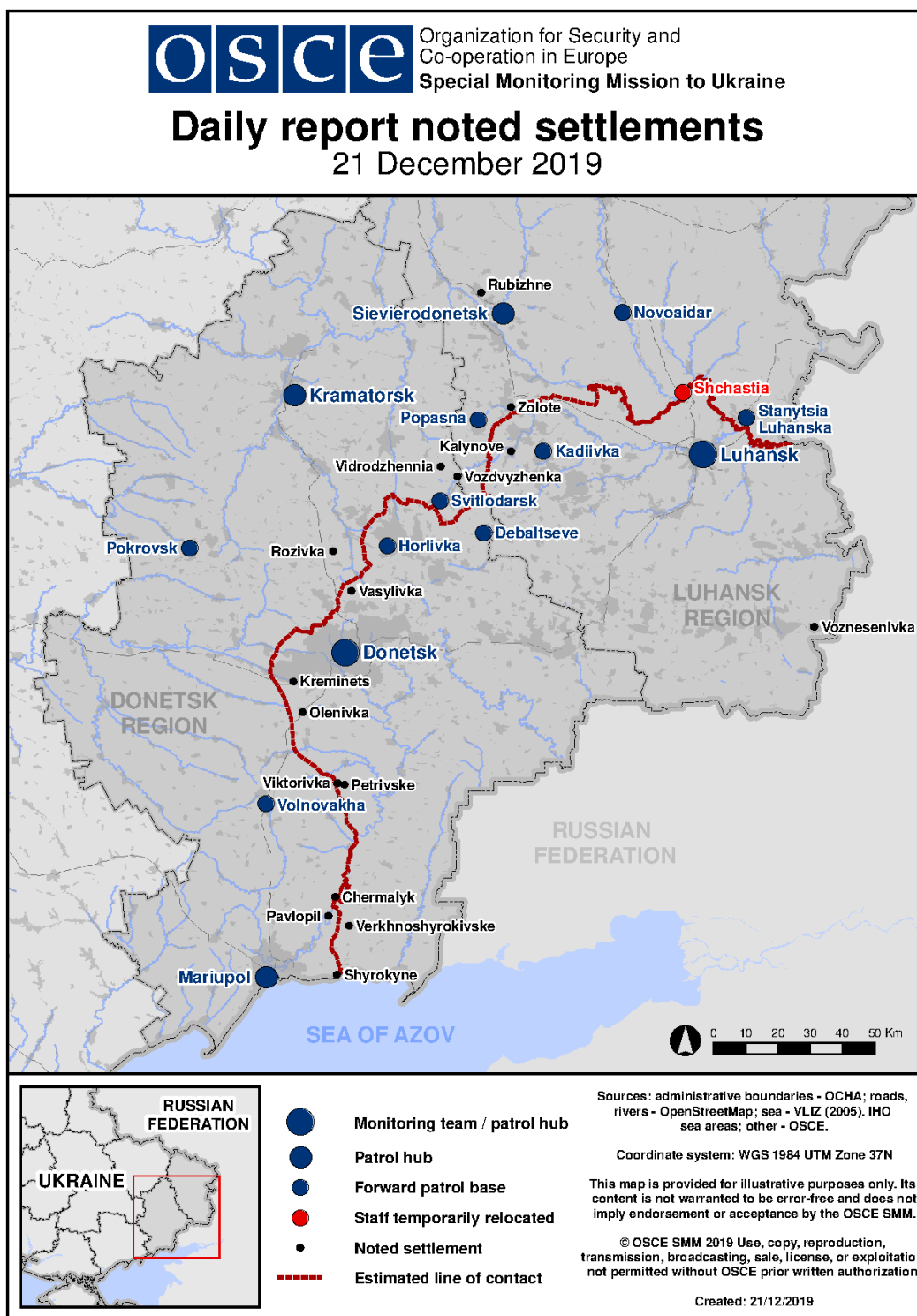
	2km W	Heard	13	Shots and bursts		Small arms	20-Dec, 12:49
About 1km E of Kruta Balka (non-government-controlled, 16km N of Donetsk)	3km SW	Heard	1	Explosion	Undetermined	N/K	20-Dec, 11:20
About 700m NW of Petrivske (non-government-controlled, 41km S of Donetsk)	1km SSW	Heard	7	Shot	Assessed as inside the disengagement area	Small arms	20-Dec, 10:35-10:37
About 1.8km N of Petrivske (non-government-controlled, 41km S of Donetsk)	2-3km WSW	Heard	1	Shot	Assessed as outside the disengagement area	Small arms	20-Dec, 11:52
	3-5km NW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	20-Dec, 13:15
About 1.7km E of Avdiivka (government-controlled, 17km N of Donetsk)	1-2km N	Heard	1	Shot		Small arms	20-Dec, 10:55
	3-4km N	Heard	7	Explosion	Undetermined	N/K	20-Dec, 12:17-12:20
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	1km S	Heard	1	Shot		Small arms	20-Dec, 10:03
	2-3km NE	Heard	4	Burst		Small arms	20-Dec, 10:04
	1km S	Heard	1	Shot		Small arms	20-Dec, 10:10
About 3km NW of Marinka (government controlled, 23km SW of Donetsk)	2-4km WNW	Heard	21	Burst		Small arms	20-Dec, 11:03-11:08
About 1km N of Pyshchevyk (government-controlled, 84km S of Donetsk)	3-5km NNW	Heard	7	Explosion	Outgoing	N/K	20-Dec, 09:45-09:50
	3-5km NNW	Heard	11	Explosion	Outgoing	N/K	20-Dec, 09:55-10:00
	3-5km NNW	Heard	8	Explosion	Outgoing	N/K	20-Dec, 10:08-10:11
	3-5km NNW	Heard	5	Explosion	Outgoing	N/K	20-Dec, 10:25
	3-5km NNW	Heard	2	Burst		HMG	20-Dec, 10:25
About 2km SW of Pyshchevyk (government-controlled, 84km S of Donetsk)	3km NE	Heard	3	Burst		HMG	20-Dec, 09:40-09:50
	N/K NE	Heard	3	Explosion	Undetermined	N/K	20-Dec, 09:40-09:50
	2-3km SE	Heard	5	Burst		Small arms	20-Dec, 09:58
	2-3km SSE	Heard	5	Burst		HMG	20-Dec, 10:37
W part of Pyshchevyk (government-controlled, 84km S of Donetsk)	1km NNW	Heard	4	Shot		Small arms	20-Dec, 09:48
About 2.5km SSE of Lomakyne (government-controlled, 93km S of Donetsk)	4-6km NE	Heard	1	Explosion	Undetermined	N/K	20-Dec, 10:48

About 3.5km SW of Chermalyk (government-controlled, 77km S of Donetsk)	2-4km SE	Heard	6	Burst		Small arms	20-Dec, 11:57-12:10
	N/K N	Heard	3	Explosion	Undetermined	N/K	20-Dec, 11:57-12:10
	10km NNW	Heard	10	Explosion	Undetermined	N/K	20-Dec, 12:17-12:20
	10km NNW	Heard	4	Explosion	Undetermined	N/K	20-Dec, 12:25
	10km NNW	Heard	12	Explosion	Undetermined	N/K	20-Dec, 12:41-12:45
E part of Chermalyk (government-controlled, 77km S of Donetsk)	N/K N	Heard	2	Explosion	Undetermined	N/K	20-Dec, 12:10-12:14
	N/K N	Heard	4	Explosion	Undetermined	N/K	20-Dec, 12:20-12:24
	2-3km SE	Heard	5	Burst		Small arms	20-Dec, 12:56
Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-3km WSW	Heard	5	Burst		HMG	19-Dec, 19:01
	2-3km WSW	Heard	33	Burst		HMG	19-Dec, 19:25-19:27
	2-3km WSW	Heard	5	Burst		HMG	19-Dec, 19:34
	4-5km WSW	Heard	4	Explosion	Undetermined	N/K	19-Dec, 20:00-20:01
	2-3km WSW	Heard	5	Burst		HMG	19-Dec, 20:01
	4-5km WSW	Heard	1	Explosion	Undetermined	N/K	19-Dec, 23:31
	4-5km WSW	Heard	1	Explosion	Undetermined	N/K	19-Dec, 23:33
	4-5km WSW	Heard	1	Explosion	Undetermined	N/K	19-Dec, 23:40
	4-5km WSW	Heard	1	Explosion	Undetermined	N/K	19-Dec, 23:47
	5-6km SW	Heard	1	Explosion	Undetermined	N/K	20-Dec, 14:52
	2-3km SW	Heard	10	Burst		HMG	20-Dec, 15:53-15:56
	2-4km SW	Heard	7	Burst		HMG	20-Dec, 16:41-16:45
	2-3km SW	Heard	8	Burst		HMG	20-Dec, 17:35-17:40
	2-3km SW	Heard	18	Burst		HMG	20-Dec, 18:15-18:19
	Horlivka (non-government-controlled, 39km NE of Donetsk)	6-8km NW	Heard	1	Explosion	Undetermined	N/K
6-8km NW		Heard	2	Explosion	Undetermined	N/K	19-Dec, 19:58-20:00
6-8km NW		Heard	2	Explosion	Undetermined	N/K	19-Dec, 22:19
3-5km NW		Heard	6	Burst		HMG	19-Dec, 22:42-22:45
6-8km NW		Heard	3	Explosion	Undetermined	N/K	19-Dec, 23:08-23:10
1.5-2km SW		Heard	20	Burst		HMG	20-Dec, 07:50
6-8km NW		Heard	3	Explosion		N/K	20-Dec, 12:21-12:25
About 7.5km NE of Horlivka (non-government controlled, 39km NE of Donetsk)	1-2km N	Heard	13	Burst		Small arms	20-Dec, 09:28
	1-2km N	Heard	2	Shot		Small arms	20-Dec, 09:44
About 8km NNW from Horlivka (non-government-	2-3km SE	Heard	20	Shot		Small arms	20-Dec, 11:08-11:09

controlled, 39 km NE of Donetsk)							
Krasnohorivka (government-controlled, 24km N of Donetsk)	2-3km ESE	Heard	1	Burst		HMG	20-Dec, 12:03
	2-3km ESE	Heard	1	Explosion	Undetermined	N/K	20-Dec, 12:04
	2-3km ESE	Heard	13	Burst		Small arms	20-Dec, 12:05-12:07
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	3-4km SE	Heard	10	Burst		HMG	20-Dec, 13:40
W edge of Holubivka (formerly Kirovsk, non-government-controlled, 51km W of Luhansk)	5-6km WSW	Heard	3	Explosion	Undetermined	N/K	20-Dec, 09:00-09:10
	3-4km NW	Heard	8	Burst		HMG	20-Dec, 08:56-09:05
	5-6km WSW	Heard	12	Burst		HMG	20-Dec, 09:16-09:20
	5-6km SW	Heard	20	Shot		AGL	20-Dec, 09:20-09:30
	5-6km SW	Heard	42	Burst		HMG	20-Dec, 09:37-09:45
	5-6km SW	Heard	1	Explosion	Undetermined	N/K	20-Dec, 09:37-09:45
	5-6km SW	Heard	10	Shot		AGL	20-Dec, 09:37-09:45
Kalynove (non-government-controlled, 60km W of Luhansk)	2-4km W	Heard	70	Explosion	Undetermined	N/K	20-Dec, 09:15-09:30
	2-4km W	Heard	30	Shot		Small arms	20-Dec, 09:15-09:30
	2-4km W	Heard	4	Burst		N/K	20-Dec, 09:15-09:30
	2-4km W	Heard	40	Explosion	Undetermined	N/K	20-Dec, 09:35-09:45
	2-4km W	Heard	10	Burst		HMG	20-Dec, 09:35-09:45
S edge of Holubivske (non-government-controlled, 51km W of Luhansk)	4-5km N	Heard	12	Burst		HMG	20-Dec, 10:29-10:45
SE edge of Trokhizbenka (government-controlled, 32km NW of Luhansk)	2-3km SW	Heard	11	Shot		Small arms	20-Dec, 11:00
E edge of Dachne (non-government-controlled, 47km W of Luhansk)	3-4km NW	Heard	10	Shot		HMG	20-Dec, 11:26-11:35
S edge of disengagement area near Zolote (government-controlled, 60km W of Luhansk)	4-5km NNE	Heard	15	Explosion	Undetermined (assessed as outside the disengagement area)	Mortar (type N/K)	20-Dec, 14:05-14:20
	4-5km NNE	Heard	5	Explosion	Outgoing with subsequent impacts (assessed as outside the disengagement area)	Mortar (120mm)	20-Dec, 14:21-14:37
	3km NNE	Heard	25	Burst	Assessed as outside the	Small arms	20-Dec, 14:21-14:37

					disengagement area		
--	--	--	--	--	-----------------------	--	--

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 has temporarily relocated based on recommendations of security experts from participating States as well as SMM security considerations. The SMM uses the premises during daylight hours and patrols in this settlement during daylight hours, as well).