

Daily Report 13/2020

17 January 2020¹

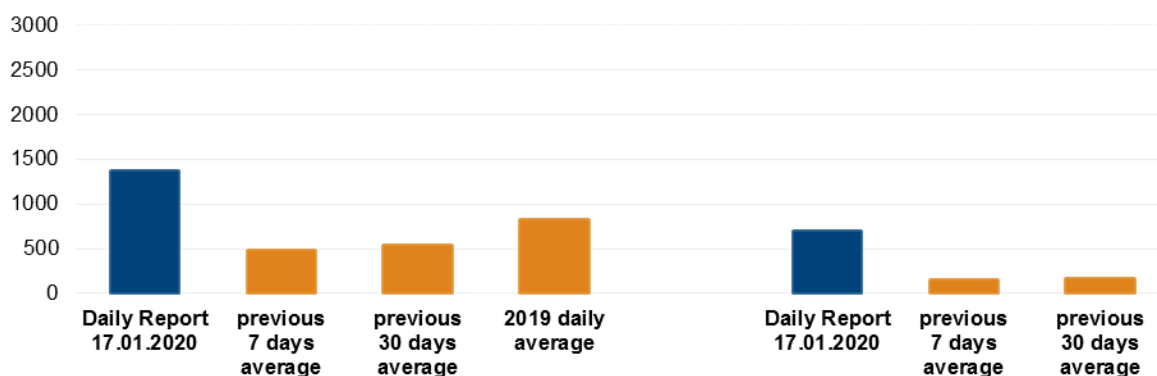
Summary

- Compared with the previous reporting period, the SMM recorded more ceasefire violations in both Donetsk and Luhansk regions.
- A man sustained injuries due to the explosion of a mine in non-government-controlled Pionerske, in Luhansk region.
- Small-arms fire was assessed as directed at an SMM mini-unmanned aerial vehicle flying over areas near non-government-controlled Shymshynivka, in Luhansk region.*
- The Mission continued monitoring the security situation at the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske. It recorded ceasefire violations, including 120 explosions, near the Petrivske disengagement area.
- In Donetsk region, the SMM monitored adherence to localized ceasefires to enable repair works to railway tracks and water pipelines.
- The SMM's freedom of movement continued to be restricted, including at a checkpoint of the armed formations near Zaichenko, in southern Donetsk region.*

Ceasefire violations²

Number of recorded ceasefire violations³

Number of recorded explosions⁴



¹Based on information from the Monitoring Teams as of 19:30, 16 January 2020. All times are in Eastern European Time.

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

³ Including explosions.

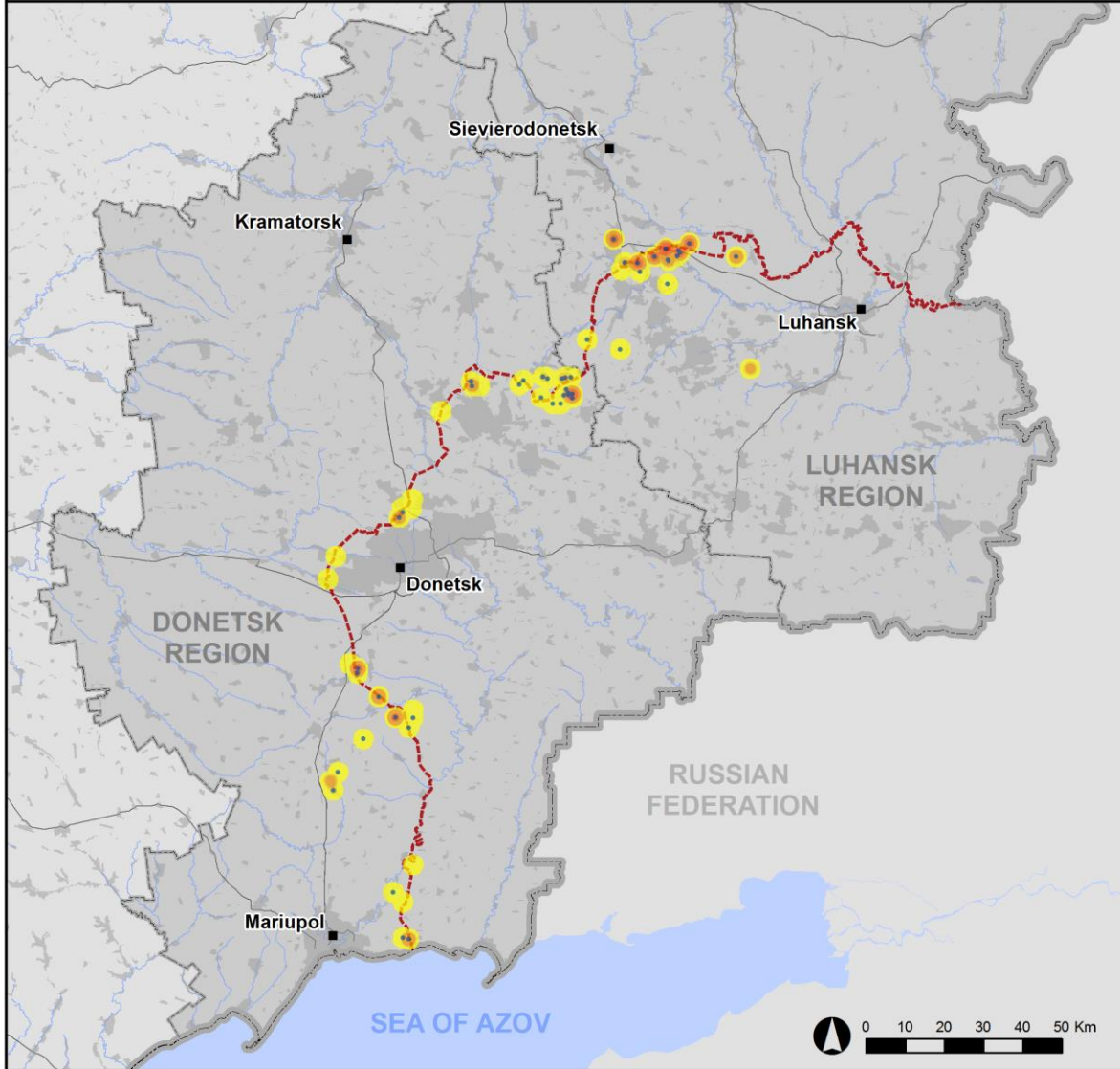
⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

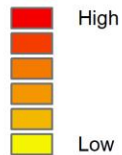


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 16 January 2020



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: 17/01/2020

In Donetsk region, the SMM recorded more ceasefire violations, including more explosions (about 260), compared with the [previous reporting period](#) (about 35 explosions). The majority of ceasefire violations, including the majority of explosions, were recorded in areas north and north-west of Debaltseve (non-government-controlled, 58km north-east of Donetsk) and near the disengagement area close to Petrivske (non-government-controlled, 41km south of Donetsk) (see below).

In Luhansk region, the SMM recorded more ceasefire violations, including more explosions (about 430), compared with the [previous reporting period](#) (about 245 explosions). The majority of ceasefire violations, including the majority of explosions, were recorded in areas north-east of Berezivske (non-government-controlled, 53km north-west of Luhansk) and north and north-east of Holubivka (formerly Kirovsk, non-government-controlled, 51km west of Luhansk).

Man injured due to mine explosion in non-government-controlled Pionerske

On 8 January, medical staff at a hospital in non-government-controlled Luhansk city told the SMM that on 6 January a man (aged 60-70) had been brought to the hospital from Pionerske (non-government-controlled, 19km east of Luhansk) with shrapnel injuries to his left leg and other parts of his body caused by the explosion of a mine. On 16 January, the man's daughter told the SMM that on 6 January her father, who lived in Rovenky (non-government-controlled, 54km south of Luhansk), had visited her in Pionerske. She added that he had gone out for a walk towards the Siverskyi Donets river; shortly thereafter, she heard the sound of an explosion and ran outside her house looking for her father, whom she found lying on the ground about 50m from the yard. On 12 January, the SMM saw for the first time mine hazard signs near Pionerske (see [SMM Daily Report 13 January 2020](#)).

Small-arms fire assessed as directed at SMM mini-UAV near Shymshynivka

On 16 January, while conducting an SMM mini-unmanned aerial vehicle (UAV) flight over areas near Shymshynivka (non-government-controlled, 27km south-west of Luhansk), the SMM heard 24 shots of small-arms fire at an assessed distance of 1km west, assessed as directed at the UAV, which was flying about 1km west of its position. The SMM landed its UAV safely and left the area (for similar incidents in the area see [SMM Daily Report 15 January 2020](#)).*

Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske⁵

On 16 January, inside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), at the checkpoint of the armed formations south of the Stanytsia Luhanska bridge (15km north-east of Luhansk), the SMM saw four workers from non-government-controlled areas installing metal sheets on the shelter covering the processing booths. Near the checkpoint, the SMM also saw two women (aged 70-80) who had felt unwell being assisted by medical staff and evacuated by ambulance. Throughout the day, the SMM saw six members of the armed formations (wearing armbands with "JCCC" written on them) between the new span of the Stanytsia Luhanska bridge and their checkpoint.

Outside the disengagement area, at a parking lot by a junction about 1.8km south of the checkpoint of the armed formations, the SMM saw around 200-300 parked cars and 600 people

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

(mixed ages and gender) queuing to board buses towards the aforementioned checkpoint. Throughout the day, members of the armed formation were checking all vehicles approaching the junction. The SMM also saw that construction works to install a sheltered bus stop and toilets at the parking lot had been completed.

On the evening of 15 January, the SMM camera in Zolote (government-controlled, 60km west of Luhansk) recorded an illumination flare at an assessed range of 2-4km south-east (assessed as inside the **disengagement area near Zolote**). The same evening, another SMM camera located inside the disengagement area recorded 16 undetermined explosions at an assessed range of 2-4km north-north-east (assessed as outside the disengagement area but within 5km of its periphery). During the day on 16 January, the SMM saw demining teams from non-government-controlled areas clearing vegetation along the sides of the road leading to Zolote-5/Mykhailivka (non-government-controlled, 58km west of Luhansk), on the southern edge of the disengagement area. The same day, the SMM saw two members of the armed formations (wearing an armband with “JCCC” written on it) on the southern edge of the area.

During the day on 16 January, while positioned at two locations close to the **disengagement area near Petrivske**, the SMM heard 120 undetermined explosions (119 assessed as outside the area and one which could not be assessed as inside or outside). It also heard about 35 shots and bursts of small-arms fire (all assessed as outside the area but within 5km of its periphery).

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 SMM saw five weapons beyond withdrawal lines but outside designated storage sites in non-government controlled areas of Luhansk region (for further details, see the table below).

Weapons that the SMM could not verify as withdrawn⁶

At two heavy weapons holding areas in government-controlled areas of Donetsk region
16 January

The SMM noted that:

- 14 multiple launch rocket systems (MLRS) (eight BM-27 *Uragan*, 220mm and six BM-30 *Smerch*, 300mm) were present for the first time and
- 42 MLRS (28 BM-27 and 14 BM-30) continued to be missing.

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

The SMM observed infantry fighting vehicles in government-controlled areas of Donetsk and Luhansk regions (for further details, see the table below).

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

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

SMM facilitation of repairs to and operation of critical civilian infrastructure

The SMM facilitated and monitored adherence to localized ceasefires to enable repair works to railway tracks between Yasne (non-government-controlled, 30km south-west of Donetsk) and Olenivka (non-government-controlled, 23km south-west of Donetsk), and to water pipelines in Zaitseve (50km north-east of Donetsk).

The Mission continued to facilitate the operation of the Donetsk Filtration Station (15km north of Donetsk) and monitor the security situation in the area of the pumping station near Vasylivka (non-government-controlled, 20km north of Donetsk).

Border areas outside government control

While at a border crossing point near Dovzhanske (84km south-east of Luhansk) for about 30 minutes, the SMM saw a bus with “LPR” plates entering Ukraine. While at a pedestrian border crossing point near Novoborovytsi (79km south of Luhansk) for about 30 minutes, the SMM saw no traffic in either direction.

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 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 15 January 2020](#)). 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 north of Zaichenko (non-government-controlled, 93km south of Donetsk), two armed members of the armed formations [again](#) denied the SMM passage towards Pikuzy (formerly Kominternove, non-government-controlled, 92km south of Donetsk) and Sakhanka (non-government-controlled, 97km south of Donetsk), citing “ongoing demining activities in the area and security concerns for the SMM”.

Delay:

- At a checkpoint west of Verkhnoшыrokivske (formerly Oktiabr, non-government-controlled, 85km south of Donetsk), a member of the armed formations allowed the SMM passage after about 25 minutes of waiting.

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:

- An SMM mini-UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas near Dokuchaievsk (non-government-controlled, 30km south-west of Donetsk).⁸
- While conducting a mini-UAV flight over areas near Shymshynivka (non-government-controlled, 27km south-west of Luhansk), the SMM heard shots of small-arms fire, assessed as directed at its UAV.

⁸ The interference could have occurred within a radius of several kilometres from the UAV's position.

Beyond withdrawal lines but outside designated storage sites

Date	No. of weapons	Type of weapon	Location	Source of observation
Non-government-controlled areas				
15/01/2020	1	Mortar (2B14 <i>Podnos</i> , 82mm)	Near Petrovo-Krasnosillia (formerly Petrovske, 44km south-west of Luhansk)	Mini-UAV
15/01/2020	4	Tanks (T-64)	In a training area near Myrne (28km south-west of Luhansk)	

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

Date	No.	Type	Location	Source of observation
Government-controlled areas				
15/01/2020	1	Infantry fighting vehicle (BMP-1)	Near Saryi Aidar (20km north-west of Luhansk)	Mini-UAV
	1	Infantry fighting vehicle (BTR-3E)	In the yard of a house near Kodema (57km north-east of Donetsk)	
	4	Infantry fighting vehicle (BMP-1)	Near Talakivka (90km south of Donetsk)	

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 16 January 2020¹⁰

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-5km SE	Recorded	1	Explosion	Undetermined	N/K	15-Jan, 19:06
	3-5km SSE	Recorded	1	Illumination flare	In vertical flight	N/K	15-Jan, 19:12
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-4km SSE	Recorded	1	Projectile	SW to NE	N/K	15-Jan, 20:44
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-4km SE	Recorded	1	Projectile	NE to SW	N/K	16-Jan, 17:21
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	2-4km SW	Recorded	1	Illumination flare	In vertical flight	N/K	15-Jan, 19:42
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	2-4km ENE	Recorded	1	Projectile	SW to NE	N/K	16-Jan, 16:59
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	4-6km E	Recorded	1	Illumination flare	In vertical flight	N/K	15-Jan, 19:02
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	15-Jan, 22:10
	2-4km ENE	Recorded	1	Projectile	NNW to SSE	N/K	16-Jan, 00:05
	2-4km E	Recorded	1	Illumination flare	In vertical flight	N/K	16-Jan, 00:09
	2-4km E	Recorded	2	Illumination flare	In vertical flight	N/K	16-Jan, 00:10
	2-4km E	Recorded	1	Illumination flare	In vertical flight	N/K	16-Jan, 00:11
	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	16-Jan, 00:46
	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	16-Jan, 00:48
	2-4km E	Recorded	1	Explosion	Undetermined	N/K	16-Jan, 00:51
	2-4km ENE	Recorded	2	Explosion	Undetermined	N/K	16-Jan, 00:52
	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	16-Jan, 00:56
	2-4km ENE	Recorded	1	Explosion	Undetermined	N/K	16-Jan, 00:57
	2-4km E	Recorded	1	Projectile	S to N	N/K	16-Jan, 01:11
	2-4km E	Recorded	1	Projectile	S to N	N/K	16-Jan, 01:12
	2-4km E	Recorded	10	Projectile	S to N	N/K	16-Jan, 01:17
	2-4km E	Recorded	7	Projectile	S to N	N/K	16-Jan, 01:18
	2-4km E	Recorded	3	Projectile	S to N	N/K	16-Jan, 01:19
	2-4km E	Recorded	1	Projectile	S to N	N/K	16-Jan, 01:38
2-4km E	Recorded	1	Projectile	SW to NE	N/K	16-Jan, 01:41	
2-7km E	Recorded	1	Projectile	N to S	N/K	16-Jan, 17:38	
SMM camera at entry-exit checkpoint in Marinka	2-4km NNE	Recorded	1	Projectile	SW to NE	N/K	15-Jan, 21:49

¹⁰ 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.

(government-controlled, 23km SW of Donetsk)							
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	5-7km NE	Recorded	10	Explosion	Undetermined	N/K	16-Jan, 17:19
	5-7km NE	Recorded	22	Explosion	Undetermined	N/K	16-Jan, 17:20
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	3-5km N	Recorded	1	Explosion	Undetermined	N/K	15-Jan, 20:14
	3-5km NNE	Recorded	2	Projectile	W to E	N/K	15-Jan, 21:41
	3-5km NNE	Recorded	4	Projectile	W to E	N/K	15-Jan, 21:42
	3-5km NNE	Recorded	2	Projectile	SW to NE	N/K	15-Jan, 21:42
	3-5km NNE	Recorded	5	Projectile	W to E	N/K	15-Jan, 21:59
	3-5km NNE	Recorded	3	Projectile	SSW to NNE	N/K	15-Jan, 22:03
	3-5km NNE	Recorded	2	Projectile	W to E	N/K	15-Jan, 22:30
	3-5km NNE	Recorded	6	Projectile	W to E	N/K	15-Jan, 22:32
	3-5km NNE	Recorded	4	Explosion		N/K	15-Jan, 22:32
	3-5km NNE	Recorded	2	Projectile	W to E	N/K	15-Jan, 22:33
	3-5km NNE	Recorded	1	Explosion	Undetermined	N/K	15-Jan, 22:33
	3-5km NNE	Recorded	2	Explosion	Undetermined	N/K	15-Jan, 22:34
	3-5km NNE	Recorded	10	Projectile	W to E	N/K	16-Jan, 01:39
	3-5km N	Recorded	3	Projectile	E to W	N/K	16-Jan, 01:41
	About 4km NW of Debaltseve (non-government-controlled, 58km NE of Donetsk)	8-10km NW	Heard	4	Explosion	Undetermined	N/K
1-2km N		Heard	10	Shot		HMG	16-Jan, 08:40
6-8km NNW		Heard	2	Explosion	Outgoing	N/K	16-Jan, 08:44-08:45
2-3km N		Heard	2	Explosion	Impact	N/K	16-Jan, 08:44-08:45
1-2km N		Heard	2	Burst		HMG	16-Jan, 08:46
6-8km NNW		Heard	1	Explosion	Outgoing	Mortar (type N/K)	16-Jan, 08:47
2-3km N		Heard	1	Explosion	Impact	N/K	16-Jan, 08:47
2km N		Heard	1	Burst		HMG	16-Jan, 08:48
6-8km NNW		Heard	1	Explosion	Outgoing	N/K	16-Jan, 08:53
2-3km N		Heard	1	Explosion	Impact	Mortar (type N/K)	16-Jan, 08:53
2km N		Heard	1	Burst		HMG	16-Jan, 08:54
6-8km NNW		Heard	1	Explosion	Undetermined	N/K	16-Jan, 09:10
1-2km N		Heard	1	Explosion	Impact	N/K	16-Jan, 09:10
1-2km N		Heard	1	Explosion	Impact	N/K	16-Jan, 09:11
6-8km NNW		Heard	1	Explosion	Undetermined	N/K	16-Jan, 09:12
2-3km N		Heard	98	Shots and bursts		Small arms	16-Jan, 09:12-09:14
6-8km NNW		Heard	3	Explosion	Undetermined	N/K	16-Jan, 09:16
1-2km N		Heard	3	Explosion	Impact	N/K	16-Jan, 09:17
2-3km N		Heard	4	Burst		HMG	16-Jan, 09:20
2km NW		Heard	4	Burst		Small arms	16-Jan, 11:25
2km NW		Heard	2	Burst		Small arms	16-Jan, 11:55
3-5km NNW		Heard	1	Explosion	Undetermined	N/K	16-Jan, 12:31
4-6km W		Heard	1	Explosion	Undetermined	N/K	16-Jan, 12:35
3-5km NNW		Heard	1	Explosion	Undetermined	N/K	16-Jan, 12:38
2-3km N		Heard	8	Shot		HMG	16-Jan, 12:38-12:40
2-4km NNW		Heard	1	Explosion	Undetermined	N/K	16-Jan, 12:49
2-4km NNW		Heard	2	Burst		HMG	16-Jan, 12:49
2-3km NNW		Heard and saw	1	Explosion	Impact	N/K	16-Jan, 12:54

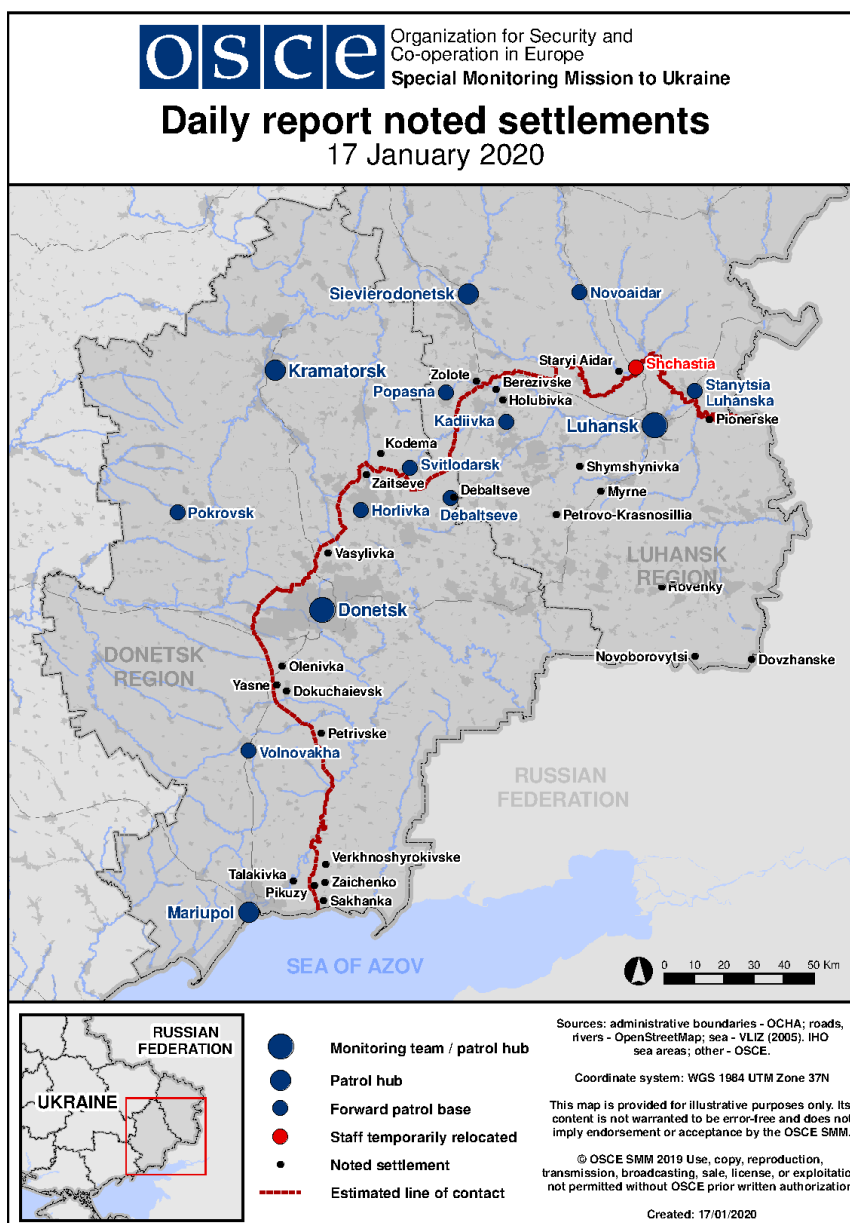
	2-4km W	Heard	1	Explosion	Undetermined	N/K	16-Jan, 13:04
	2-4km NW	Heard	2	Explosion	Undetermined	N/K	16-Jan, 13:37
	2-3km N	Heard	1	Explosion	Undetermined	N/K	16-Jan, 13:39
Dokuchaievsk (non-government-controlled, 30km SW of Donetsk)	2-3km SW	Heard	30	Burst		HMG	16-Jan, 08:53-09:02
	2-3km SW	Heard	29	Explosion	Undetermined	N/K	16-Jan, 08:53-09:02
	2-3km SW	Heard	Uncountable	Shot		Small arms	16-Jan, 08:53-09:02
SMM camera in Petrivske (non-government-controlled, 41km S of Donetsk)	1-2km SW	Recorded	1	Projectile	NW to SE (assessed as inside the disengagement area)	N/K	11-Jan, 05:01
Petrivske (non-government-controlled, 41km S of Donetsk)	4-5km W	Heard	56	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	16-Jan, 08:54-09:08
	4-5km W	Heard	30	Burst	Assessed as outside the disengagement area	HMG	16-Jan, 08:54-09:08
	2km N	Heard	2	Burst	Assessed as outside the disengagement area	Small arms	16-Jan, 09:16
	2km N	Heard	1	Shot	Assessed as outside the disengagement area	Small arms	16-Jan, 09:16
NW edge of Vuhlehirsk (non-government-controlled, 49km NE of Donetsk)	5-7km N	Heard	2	Explosion	Undetermined	N/K	16-Jan, 10:03
About 1km NW of the Railway station of Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km SW	Heard	3	Shot		Small arms	16-Jan, 12:22
Novotroitske (government-controlled, 36km SW of Donetsk)	2-4km E	Heard	4	Explosion	Undetermined	N/K	16-Jan, 09:00-09:02
About 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	7-8km NW	Heard	62	Explosion	Undetermined	N/K	16-Jan, 08:55-09:07
	3-4km E	Heard	1	Explosion	Undetermined (unable to assess whether inside or outside the Petrivske disengagement area)	N/K	16-Jan, 10:26-10:35
	3-4km SE	Heard	1	Explosion	Undetermined (assessed as outside the Petrivske disengagement area)	N/K	16-Jan, 10:26-10:35
	3-4km SE	Heard	3	Shot	Assessed as outside the disengagement area	HMG	16-Jan, 10:45-10:50

About 3km SW of Donske (government-controlled, 57km S of Donetsk)	5km SE	Heard	6	Explosion	Undetermined (assessed as live-fire exercise)	N/K	16-Jan, 11:03-11:11
	5km SE	Heard	2	Explosion	Undetermined (assessed as live-fire exercise)	N/K	16-Jan, 11:13-11:16
	5km SE	Heard	1	Shot	Assessed as live-fire exercise	N/K	16-Jan, 11:13-11:16
	3km ESE	Heard	25	Shot	Assessed as live-fire exercise	Small arms	16-Jan, 11:13-11:16
About 2km NE of Chernenko (government-controlled, 86km S of Donetsk)	N/K SE	Heard	1	Explosion	Undetermined	N/K	16-Jan, 11:54-11:56
	3-4km SE	Heard	1	Burst		Small arms	16-Jan, 11:54-11:56
Dmytrivka (government-controlled, 55km SW of Donetsk)	6-7km SE	Heard	3	Explosion	Undetermined	N/K	16-Jan, 11:54
Trudivske (government-controlled, 47km S of Donetsk)	N/K S	Heard	1	Explosion	Undetermined	N/K	16-Jan, 14:01
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-6km SW	Heard	2	Explosion	Undetermined	N/K	15-Jan, 22:40
	2-4km ESE	Heard	1	Explosion	Undetermined	N/K	16-Jan, 12:53
	2-4km ESE	Heard	1	Explosion	Undetermined	N/K	16-Jan, 13:00
	2-4km ESE	Heard	3	Explosion	Undetermined	N/K	16-Jan, 13:03-13:05
	2-4km ESE	Heard	3	Explosion	Undetermined	N/K	16-Jan, 13:37-13:39
	2-4km SW	Heard	5	Explosion	Undetermined	N/K	16-Jan, 16:05-16:13
W edge of Zalizne (government-controlled, 42km NE of Donetsk)	3-5km SE	Heard	2	Burst		Small arms	16-Jan, 11:12
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	4-6km SSE	Heard	5	Shot		Small arms	16-Jan, 13:34
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-4km SE	Recorded	1	Illumination flare	In vertical flight (assessed as inside the disengagement area)	N/K	15-Jan, 21:16
SMM camera inside the Zolote disengagement area (58km W of Luhansk)	2-4km NNE	Recorded	16	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	15-Jan, 19:54
Holubivka (formerly Kirovsk, non-government-controlled, 51km W of Luhansk)	3-6km N	Heard	3	Explosion	Undetermined	N/K	16-Jan, 09:19-09:24
	3-6km N	Heard	15	Burst		N/K	16-Jan, 09:19-09:24
	3-6km N	Heard	77	Shot		N/K	16-Jan, 09:19-09:24
	4-6km NE	Heard	9	Explosion	Undetermined	N/K	16-Jan, 09:28-09:35
	4-6km NE	Heard	22	Burst		N/K	16-Jan, 09:28-09:35
	4-6km NNE	Heard	1	Explosion	Undetermined	N/K	16-Jan, 10:22
About 3km NW of Verhulivka (non-	10-15km W	Heard	7	Explosion	Undetermined	N/K	16-Jan, 09:55-10:03

government-controlled, 61km W of Luhansk)	10-12km W	Heard	5	Explosion	Undetermined	N/K	16-Jan, 10:35-10:45
Toshkivka (government-controlled, 60km NW of Luhansk)	10-15km S	Heard	1	Explosion	Undetermined	N/K	16-Jan, 11:12
	12-15km ESE	Heard	52	Explosion	Undetermined	N/K	16-Jan, 11:30-11:55
E edge of Toshkivka (government-controlled, 60km NW of Luhansk)	12-15km ESE	Heard	17	Explosion	Undetermined	N/K	16-Jan, 11:58-12:18
	12-15km ESE	Heard	42	Burst		N/K	16-Jan, 11:58-12:18
Sentianivka (formerly Frunze, non-government-controlled, 44km W of Luhansk)	4-6km NNW	Heard	30	Explosion	Undetermined	N/K	16-Jan, 11:22-11:50
	4-6km NNW	Heard	52	Burst		N/K	16-Jan, 11:22-11:50
	4-6km NNW	Heard	9	Explosion	Undetermined	N/K	16-Jan, 12:13-12:22
	4-6km NNW	Heard	26	Burst		N/K	16-Jan, 12:13-12:22
W edge of Berezivske (non-government-controlled, 53km NW of Luhansk)	6-10km NE	Heard	35	Explosion	Undetermined	N/K	16-Jan, 11:50-12:25
	6-10km NE	Heard	6	Shot		Small arms	16-Jan, 11:50-12:25
	6-10km NE	Heard	179	Burst		HMG	16-Jan, 11:50-12:25
1km S of Novyi (non-government-controlled, 54km W of Luhansk)	15-20km NNE	Heard	3	Explosion	Undetermined	N/K	16-Jan, 12:16-12:17
NE edge of Shymshynivka (non-government-controlled, 27km SW of Luhansk)	1km W	Heard	24	Shot		Small arms	16-Jan, 12:25-12:26
About 1km NE of Dachne (non-government-controlled, 47km W of Luhansk)	1-2km N	Heard	2	Explosion	Undetermined	N/K	16-Jan, 12:35-12:40
	1-2km N	Heard	1	Burst		N/K	16-Jan, 12:35-12:40
	1-2km N	Heard	1	Shot		N/K	16-Jan, 12:35-12:40
N edge of Trokhizbenka (government-controlled, 32km NW of Luhansk)	7-10km SSW	Heard	4	Burst		HMG	16-Jan, 12:43-13:05
	7-10km SSW	Heard	3	Burst		Small arms	16-Jan, 12:43-13:05
	7-10km SSW	Heard	16	Explosion	Undetermined	N/K	16-Jan, 12:40-12:43
	7-10km SSW	Heard	27	Explosion	Undetermined	N/K	16-Jan, 13:30-13:33
About 4km E of Kalynove (non-government-controlled, 60km W of Luhansk)	10-12km WSW	Heard	1	Explosion	Undetermined	N/K	16-Jan, 13:44-13:45
N edge of Popasna (government-controlled, 69km W of Luhansk)	10-15km NE	Heard	92	Explosion	Undetermined	N/K	16-Jan, 15:47-16:21
Kadiivka (formerly Stakhanov, non-government-controlled, 50km W of Luhansk)	12-15km NNW	Heard	98	Explosion	Undetermined	N/K	16-Jan, 15:49-16:38
	12-15km NNW	Heard	7	Burst	Undetermined	N/K	16-Jan, 15:49-16:38
	12-15km SW	Heard	2	Explosion	Undetermined	N/K	16-Jan, 15:49-16:38

4.5km SE of Pankivka (non-government-controlled, 16km N of Luhansk)	NK SW	Heard	1	Explosion	Assessed as a controlled denotation	N/K	16-Jan, 10:02
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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 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).