

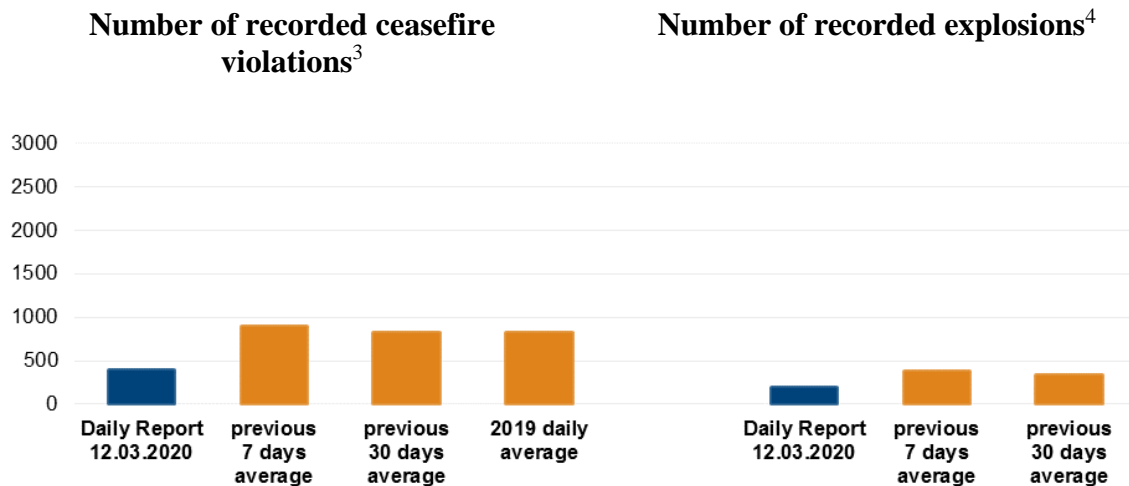
Daily Report 60/2020

12 March 2020¹

Summary

- Compared with the previous reporting period, the SMM recorded fewer ceasefire violations in both Donetsk and Luhansk regions.
- The SMM observed craters and damage to civilian property in a residential area of Syhnalne, Donetsk region.
- The Mission continued to monitor the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske.
- It saw 16 weapons in violation of withdrawal lines on both sides of the contact line.
- The Mission saw for the first time at least 200 anti-tanks mines near Molodizhne, Luhansk region.
- The SMM continued to facilitate and monitor adherence to localized ceasefires to enable repairs to critical civilian infrastructure and demining activities.
- The Mission's freedom of movement continued to be restricted, including in non-government-controlled Donetsk city and at checkpoints of the armed formations in southern Donetsk region.

Ceasefire violations²



¹ Based on information from the Monitoring Teams as of 19:30, 11 March 2020. All times are in Eastern European Time.

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

³ Including explosions.

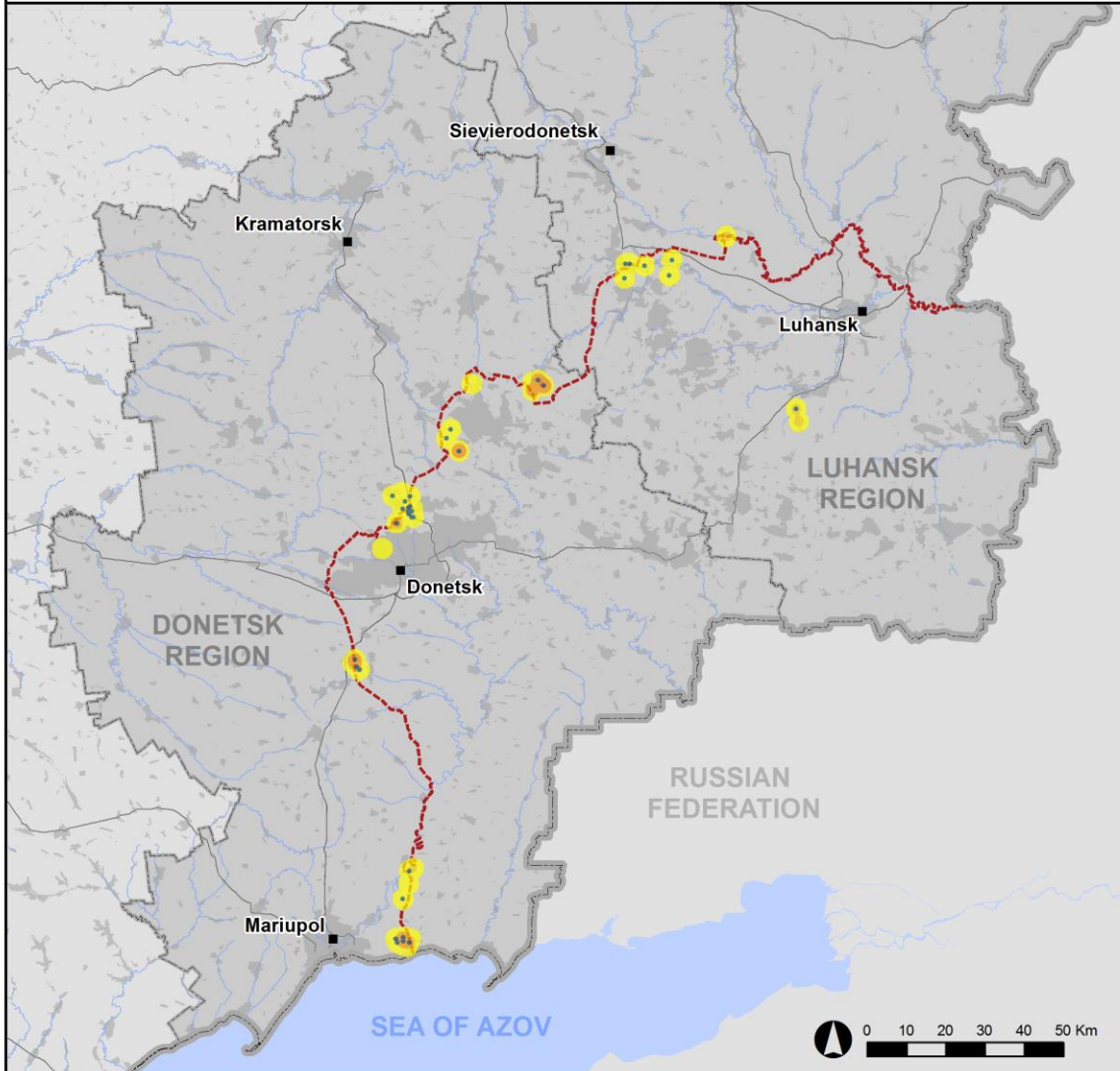
⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

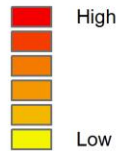


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 11 March 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: 12/03/2020

In Donetsk region, the SMM recorded fewer ceasefire violations, including fewer explosions (about 170), compared with the [previous reporting period](#) (about 900 explosions). The majority of ceasefire violations were recorded at southerly directions of Svitlodarsk (government-controlled, 57km north-east of Donetsk) and at northerly directions of Shyrokyne (government-controlled, 100km south of Donetsk).

In Luhansk region, the SMM recorded fewer ceasefire violations, including fewer explosions (about 20), compared with the [previous reporting period](#) (about 130 explosions). The majority of ceasefire violations were recorded in areas south-west of Kriakivka (government-controlled, 38km north-west of Luhansk) and east of Myrne (non-government-controlled, 28km south-west of Luhansk), where they were assessed as part of live-fire training (exercise) outside the security zone.

Craters and damage to civilian property in a residential area of Syhnalne

On 10 March, the SMM saw a crater (about 20cm in depth) about 1m south of a one-storey house, a former medical point, at the junction of Komarova and Peremohy Streets in Syhnalne (non-government-controlled, 23km south-west of Donetsk). It also saw shrapnel damage to the south-facing side of the house. At 6 Komarova Street in Syhnalne, the SMM saw another crater (about 25cm in depth) 3m south of the south-facing side of a one-storey inhabited house. The SMM could not assess the calibre and direction of fire at either location.

Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske⁵

On 11 March, inside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), the SMM saw three members of the armed formations (wearing armbands with “JCCC” written on them) between the new span of the Stanytsia Luhanska bridge (15km north-east of Luhansk) and their checkpoint south of it.

On the evening and night of 10-11 March, the SMM camera in Zolote (government-controlled, 60km west of Luhansk) recorded two undetermined explosions, two projectiles in flight and an illumination flare, all at an assessed range of 2-5km east, assessed as outside the **disengagement area near Zolote** but within 5km of its periphery.

On 11 March, the SMM saw four deminers from the State Emergency Service of Ukraine driving inside the disengagement area reportedly to conduct demining activities in Katerynivka (government-controlled, 64km west of Luhansk). The same day, on the southern edge of the disengagement area, the SMM saw a member of the armed formations (wearing an armband with “JCCC” written on it).

On 10 March, inside the **disengagement area near Petrivske** (non-government-controlled, 41km south of Donetsk), an SMM long-range unmanned aerial vehicle (UAV) spotted three persons walking on a footpath near a former position of the Ukrainian Armed Forces about 2km east of the area’s western edge. The UAV also spotted a chimney radiating heat from a former underground position of the armed formations on the eastern edge of the disengagement area. On 11 March, in Petrivske, the SMM saw for the first time red and

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

white tape stretching over the road that leads to the SMM camera, thus preventing the SMM to proceed further.

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.

On both sides of the contact line, the SMM saw a total of 16 weapons in violation of withdrawal lines (one in a government-controlled area and 15 in non-government-controlled areas). It also saw 86 weapons beyond withdrawal lines but outside designated storage sites (nine in government- and 77 in non-government-controlled areas) (for further details, see the table below).

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

The Mission observed armoured combat vehicles on both sides of the contact line (for further details, see the table below).

On 7 March, in a field south-west of Molodizhne (non-government-controlled, 63km west of Luhansk), an SMM mini-UAV spotted a newly dug 60m-long trench, assessed as belonging to the armed formations (see below for further observations in the same area).

On 10 March, an SMM mini-UAV spotted three electronic warfare systems (one RB-341V *Leer-3*, one R-934B *Sinitisa* and one RB-636 *Svet-KU*) in a compound in the southern outskirts of Luhansk city (outside the security zone).

Presence of mines, unexploded ordnance and mine hazard signs

On 7 March, in fields south of road T-0504, approximately 1km south-west of Molodizhne, an SMM mini-UAV spotted for the first time at least 200 anti-tank mines. In another field about 2km south-west of Molodizhne, the UAV spotted for the first time remnants of ammunition, assessed as six artillery shell casings (probable 122mm).

On 10 March, across the road between Travneve (government-controlled, 51km north-east of Donetsk) and Holmivskiyi (non-government-controlled, 49km north-east of Donetsk), an SMM long-range UAV [again](#) spotted 12 anti-tank mines, assessed as belonging to the armed formations, and another 20 anti-tank mines, assessed as belonging to the Ukrainian Armed Forces.

The UAV also [again](#) spotted 13 anti-tank mines across a road near Luhanske (government-controlled, 59km north-east of Donetsk), assessed as belonging to the Ukrainian Armed Forces. On a road north of Dolomitne (53km north-east of Donetsk), the UAV again spotted five anti-tank mines, assessed as belonging to the armed formations, and seven additional anti-tank mines, assessed as belonging to the Ukrainian Armed Forces (for previous observations of the latter mines, see [SMM Daily Report 21 December 2017](#) and [SMM Daily Report 5 July 2018](#))

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

On 10 March, next to a road near Kremynets (non-government-controlled, 16km south-west of Donetsk), the SMM saw for the first time at least eight mine hazard signs with “Mines” hand-painted on them in Cyrillic. The same day, the SMM [again](#) saw unexploded ordnance (UXO), unmarked, assessed as two multiple launch rocket system (MRLS) rounds (probable *Grad* variant), on a road in Ilovaisk (non-government-controlled, 30km south-east of Donetsk).

On 11 March, the SMM saw for the first time a piece of UXO, assessed as an MLRS round (not recent), embedded in the asphalt road of a bridge about 1km south of Spartak (non-government-controlled, 9km north of Donetsk).

SMM facilitation of repairs of civilian infrastructure and demining activities

The SMM continued to facilitate and monitor adherence to localized ceasefires to enable repairs to water infrastructure near Pankivka (non-government-controlled, 16km north of Luhansk), power lines between Holubivske (non-government-controlled, 51km west of Luhansk) and Berezivske (non-government-controlled, 53km north-west of Luhansk), as well as demining activities in Krasnyi Yar (non-government-controlled, 12km north-east of Luhansk) and Katerynivka (see above).

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

Border areas outside government control

On 10 March, about 3km north-east of Manych (76km east of Donetsk), an SMM mini-UAV spotted vehicle tracks stretching eastward across a non-cultivated open grass area, in an area about 1km from the border where there are no crossing points.

On 11 March, at a border crossing point near Izvaryne (52km south-east of Luhansk), a member of the armed formations told the SMM to leave the area about ten minutes after its arrival. During its presence, the SMM saw no traffic in either direction.* While at a pedestrian border crossing point near Verkhnoharasymivka (57km south-east of Luhansk), the SMM saw one pedestrian (a man aged 30-40) exiting Ukraine.

The same day, while at a border crossing point near Uspenka (73km south-east of Donetsk) for about one hour, the SMM saw 24 cars (12 of which with “DPR” plates and one with “DPR” military-type plates), four vans with “DPR” plates, nine covered cargo trucks (four of which with “DPR” plates) and a bus with Russian Federation licence plates entering Ukraine. The SMM also saw three pedestrians (all men aged 30-40) entering Ukraine. The SMM also saw 46 cars (17 of which with “DPR” plates), five vans and two buses with “DPR” plates and 46 covered cargo trucks (13 of which with “DPR” plates) exiting Ukraine. While at a pedestrian border crossing point near Ulianivske (61km south-east of Donetsk) 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, 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 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:

- In non-government-controlled Donetsk city, a member of the armed formations [again](#) denied the SMM access to its regular observation post at the central railway station, citing “orders from superiors.”
- At a checkpoint west of Verkhnohshyrokiivske (formerly Oktiabr, non-government-controlled, 85km south of Donetsk), four armed members of the armed formations denied the SMM passage, citing “subversive activities in the area”.
- At a checkpoint north of Zaichenko (non-government-controlled, 93km south of Donetsk), an armed member of the armed formations [again](#) denied the SMM passage towards Sakhanka (non-government-controlled, 97km south of Donetsk) and Pikuzy (formerly Kominternove, non-government-controlled, 92km south of Donetsk), citing “ongoing demining activities.”
- At a checkpoint near Novoazovsk (non-government-controlled, 102km south-east of Donetsk), a member of the armed formations [again](#) denied the SMM passage to the settlement.
- At a border crossing point near Izvaryne (non-government-controlled, 52km south-east of Luhansk), a 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.

Delay:

- At a checkpoint near Verkhnohshyrokiivske, a member of the armed formations allowed the SMM passage after about 20 minutes of waiting.

Other impediments:

- On 10 March, an SMM long-range UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas between Kostiantynivka (government-controlled, 60km north of Donetsk) and Novoazovsk,

as well as between Lozove (non-government-controlled, 13km west of Donetsk) and Kleban Byk (government-controlled, 48km north of Donetsk).⁷

⁷ The interference could have originated from anywhere within the radius of kilometres from the UAVs' positions.

Table of weapons

Weapons in violation of the withdrawal lines

Date	No. of weapons	Type of weapon	Location	Source of observation
Government-controlled areas				
11/03/2020	1	Surface-to-air missile system (9K33 <i>Osa</i>)	Near Umanske (25km north-west of Donetsk) heading north	Patrol
Non-government-controlled areas				
08/03/2020	2	Mortar (2B11, 120mm)	In the southern outskirts of Donetsk (49km west of Luhansk)	Mini-UAV
09/03/2020	2	Towed howitzer (D-30 <i>Lyagushka</i> , 122mm)	About 3km east of Luhansk city	
10/03/2020	6	Tanks (five T-72 and one probable T-72)	In a training area near Novoselivka (31km north of Donetsk)	Long-range UAV
11/03/2020	5	Multiple launch rocket system (BM-21 <i>Grad</i> , 122mm)	In a training area near Myrne (28km south-west of Luhansk)	Mini-UAV

Beyond withdrawal lines but outside designated storage sites

Date	No. of weapons	Type of weapon	Location	Source of observation
Government-controlled areas				
09/03/2020	9	Self-propelled howitzer (eight 2S3 <i>Akatsiya</i> , 152mm and one probable 2S3 <i>Akatsiya</i> , 152mm)	Near Manhush (111km south of Donetsk)	Mini-UAV
Non-government-controlled areas				
11/03/2020	20	Tanks (nine T-72 and 11 T-64)	In a training area near Myrne (28km south-west of Luhansk)	Mini-UAV
	8	Self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm)		
	12	Towed howitzer (D-30 <i>Lyagushka</i> , 122mm)		
	6	Anti-tank gun (MT-12 <i>Rapira</i> , 100mm)		
	31	Tank (eight T-72 and 23 T-64)	In a training area near Kruhlyk (31km south-west of Luhansk)	

Table of indications of military presence in the security zone⁸

Date	No.	Type	Location	Source of observation
Government-controlled areas				
10/03/2020	1	Armoured personnel carrier (MT-LB)	In Bila Hora (54km north of Donetsk)	Long-range UAV
	3	Armoured reconnaissance vehicle (BRDM-2)		
	1	Infantry fighting vehicle (BMP variant)	Near Bohdanivka (41km south-west of Donetsk)	
	1	Armoured combat vehicle	Near Novooleksandrivka (65km west of Luhansk)	
	3	Armoured combat vehicle	Near Troitske (69km west of Luhansk)	

⁸ The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

	2	Infantry fighting vehicle (BTR-3E)	In Stanytsia Luhanska (16km north-east of Luhansk)	Mini-UAV
11/03/2020	1	Armoured reconnaissance vehicle (BRDM-2)	In Trokhizbenka (32km north-west of Luhansk)	Patrol
Non-government-controlled areas				
10/03/2020	1	Anti-aircraft gun (ZU-23, 23mm)	In the north-western outskirts of Luhansk city	Mini-UAV
11/03/2020	1	Excavator (type undetermined)	Digging trenches near a checkpoint close to Kremiets (16km south-west of Donetsk)	Patrol

Table of ceasefire violations as of 11 March 2020⁹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-3km ESE	Recorded	2	Explosion	Undetermined	N/K	10-Mar, 20:36
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	11-Mar, 00:56
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	4-6km SE	Recorded	1	Explosion	Undetermined	N/K	11-Mar, 04:38
	3-4km SE	Recorded	1	Projectile	WSW to ENE	N/K	11-Mar, 04:39
	4-6km SE	Recorded	2	Explosion	Undetermined	N/K	11-Mar, 04:40
	3-5km SE	Recorded	1	Explosion	Undetermined	N/K	11-Mar, 04:41
	3-4km SE	Recorded	1	Projectile	WSW to ENE	N/K	11-Mar, 04:41
	4-6km SE	Recorded	2	Explosion	Undetermined	N/K	11-Mar, 04:43
	3-4km SE	Recorded	7	Projectile	WSW to ENE	N/K	11-Mar, 04:43
	2-3km SE	Recorded	1	Projectile	WSW to ENE	N/K	11-Mar, 04:45
	2-3km ESE	Recorded	5	Projectile	WSW to ENE	N/K	11-Mar, 04:46
	2-3km SE	Recorded	6	Projectile	WSW to ENE	N/K	11-Mar, 04:47
	3-5km SE	Recorded	1	Explosion		N/K	11-Mar, 04:47
	2-3km SE	Recorded	1	Projectile	WSW to ENE	N/K	11-Mar, 04:51
	2-3km ESE	Recorded	6	Projectile	WSW to ENE	N/K	11-Mar, 05:10
	2-3km ESE	Recorded	3	Projectile	N to S	N/K	11-Mar, 05:10
	SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-4km SSE	Recorded	1	Projectile	W to E	N/K
2-4km SSE		Recorded	1	Explosion	Impact, subsequent to previous event	N/K	10-Mar, 21:08
2-4km SE		Recorded	8	Projectile	N to S	N/K	10-Mar, 21:13
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.8-1km S	Recorded	1	Explosion	Undetermined	N/K	10-Mar, 22:50
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	2-3km ESE	Recorded	1	Explosion	Undetermined	N/K	10-Mar, 22:25
SMM camera at entry-exit checkpoint in Hnutove (government-controlled, 84km S of Donetsk)	1-3km ENE	Recorded	1	Projectile	N to S	N/K	10-Mar, 19:29
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km ENE	Recorded	1	Illumination flare	In vertical flight	N/K	10-Mar, 21:44
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	4-6km NE	Recorded	6	Explosion	Undetermined	N/K	11-Mar, 03:36
	4-6km NE	Recorded	1	Explosion	Undetermined	N/K	11-Mar, 03:45
	4-6km NE	Recorded	6	Explosion	Undetermined	N/K	11-Mar, 03:46
	4-6km NE	Recorded	6	Explosion	Undetermined	N/K	11-Mar, 03:57

⁹ The table only includes ceasefire violations directly observed by the 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.

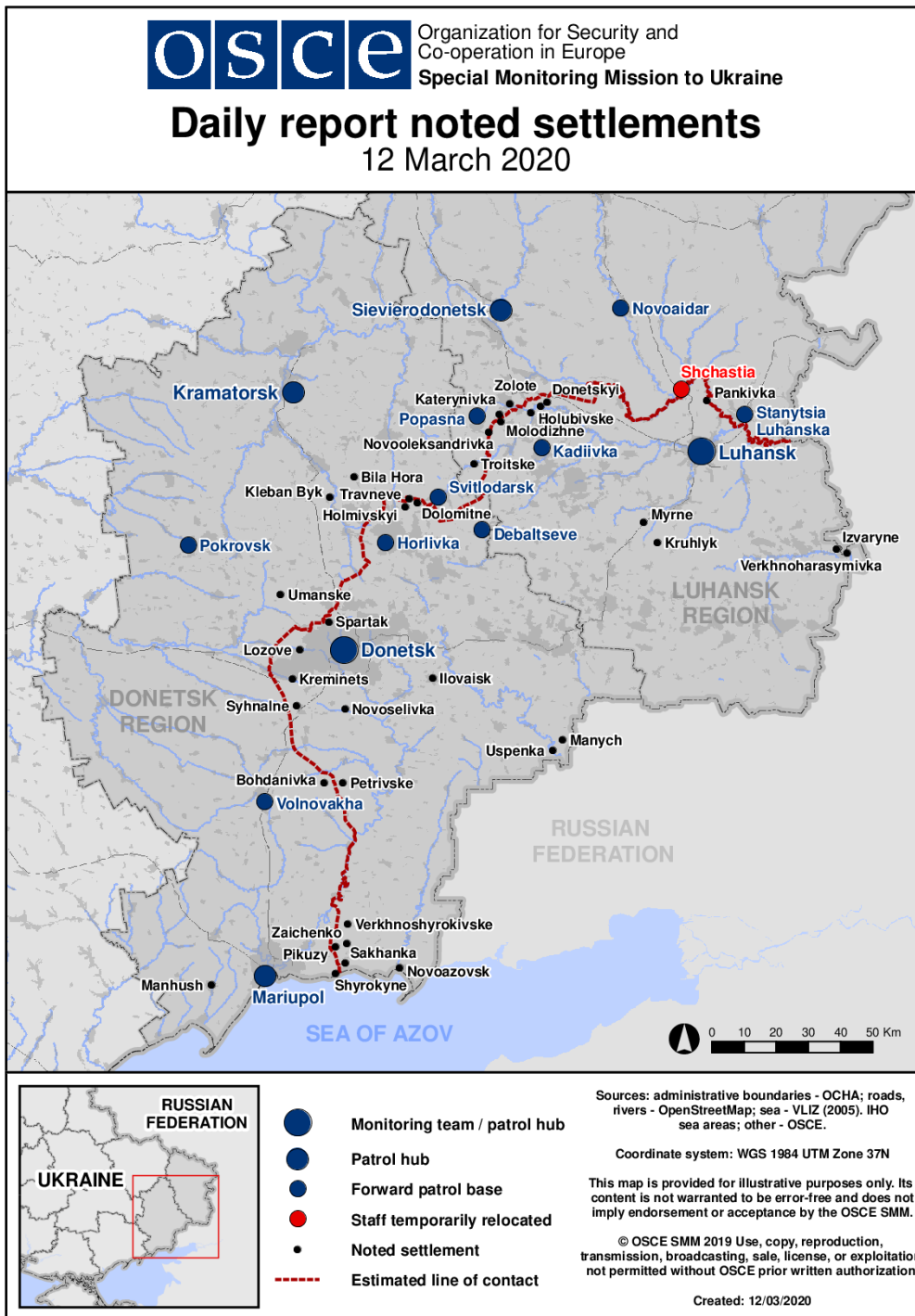
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	2-4km N	Recorded	3	Projectile	E to W	N/K	10-Mar, 19:02
	3-5km N	Recorded	2	Projectile	NE to SSW	N/K	10-Mar, 19:52
	3-5km NNE	Recorded	2	Explosion	Undetermined	N/K	10-Mar, 19:54
	3-5km NNE	Recorded	1	Projectile	NE to SSW	N/K	10-Mar, 19:54
	3-5km NNE	Recorded	1	Explosion	Airburst, subsequent to previous event	N/K	10-Mar, 19:54
	3-5km NNE	Recorded	3	Projectile	E to W	N/K	10-Mar, 19:54
	3-5km N	Recorded	1	Projectile	E to W	N/K	10-Mar, 20:01
	2-4km NNE	Recorded	1	Projectile	W to E	N/K	10-Mar, 20:01
	3-5km NNE	Recorded	1	Projectile	W to E	N/K	10-Mar, 20:02
	3-5km N	Recorded	2	Projectile	E to W	N/K	10-Mar, 20:09
	4-6km NNE	Recorded	1	Projectile	WNW to ESE	N/K	10-Mar, 21:00
	3-5km NNE	Recorded	2	Projectile	W to E	N/K	10-Mar, 21:00
	3-5km N	Recorded	2	Explosion	Undetermined	N/K	10-Mar, 21:00
	3-5km NNE	Recorded	4	Projectile	W to E	N/K	10-Mar, 21:01
	3-5km NNE	Recorded	1	Projectile	W to E	N/K	10-Mar, 21:02
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	10-Mar, 21:08
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	10-Mar, 22:25
	4-6km N	Recorded	3	Projectile	NE to SSW	N/K	11-Mar, 00:12
	3-5km N	Recorded	1	Projectile	NE to SSW	N/K	11-Mar, 00:12
	3-5km N	Recorded	1	Explosion	Impact, subsequent to previous event	N/K	11-Mar, 00:12
	4-6km N	Recorded	3	Projectile	E to W	N/K	11-Mar, 00:13
	4-6km N	Recorded	2	Explosion	Undetermined	N/K	11-Mar, 01:18
	3-5km N	Recorded	5	Projectile	NE to SSW	N/K	11-Mar, 01:39
	4-6km NNW	Recorded	1	Explosion	Undetermined	N/K	11-Mar, 03:07
	3-5km NNW	Recorded	1	Explosion	Undetermined	N/K	11-Mar, 03:11
	4-6km NNW	Recorded	1	Explosion	Undetermined	N/K	11-Mar, 03:18
	4-6km NNW	Recorded	1	Explosion	Undetermined	N/K	11-Mar, 03:26
	4-6km NNW	Recorded	1	Explosion	Undetermined	N/K	11-Mar, 03:33
	4-6km NNW	Recorded	1	Explosion	Undetermined	N/K	11-Mar, 03:37
	4-6km NNW	Recorded	1	Explosion	Undetermined	N/K	11-Mar, 03:43
	3-5km NNE	Recorded	1	Projectile	WNW to ESE	N/K	10-Mar, 23:29
	3-5km NNE	Recorded	1	Explosion	Impact, subsequent to previous event	N/K	10-Mar, 23:29
	3-5km NNE	Recorded	1	Explosion	Undetermined	N/K	10-Mar, 23:29
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	10-Mar, 23:44
3-5km N	Recorded	1	Explosion	Undetermined	N/K	10-Mar, 23:45	
4-6km N	Recorded	2	Projectile	E to W	N/K	11-Mar, 18:20	
4-6km N	Recorded	10	Projectile	E to W	N/K	11-Mar, 18:51	
4-6km N	Recorded	1	Explosion	Undetermined	N/K	11-Mar, 18:51	
About 2km E of Avdiivka (government-controlled, 17km N of Donetsk)	3-4km SE	Heard	2	Explosion	Undetermined (within 5km radius from DFS)	N/K	11-Mar, 10:18
	3-4km SE	Heard	1	Explosion	Undetermined (within 5km radius from DFS)	N/K	11-Mar, 10:22
	3-4km SE	Heard	1	Explosion	Undetermined (within 5km radius from DFS)	N/K	11-Mar, 10:28
Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	3-4km SW	Heard	2	Explosion	Undetermined (within 5km radius from DFS)	N/K	11-Mar, 10:40

About 1km NW of railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	3-4km SW	Heard	1	Explosion	Undetermined (within 5km radius from DFS)	N/K	11-Mar, 10:16
	3-4km SW	Heard	2	Explosion	Undetermined (within 5km radius from DFS)	N/K	11-Mar, 10:26
	3-4km SW	Heard	1	Explosion	Undetermined (within 5km radius from DFS)	N/K	11-Mar, 10:27
	2-3km SW	Heard	1	Explosion	Undetermined (within 5km radius from DFS)	N/K	11-Mar, 11:57
	1.5-2.5km SW	Heard	2	Shot	within 5km radius of DWFS	AGL	11-Mar, 12:27
	3-4km SSW	Heard	1	Explosion	Undetermined (within 5km radius from DFS)	N/K	11-Mar, 13:00
About 3km SW of central railway station in Donetsk (non-government-controlled, 6km NW of Donetsk city)	1-2km SSE	Heard	2	Shot		Small arms	11-Mar, 13:02
	1-2km SSE	Heard	2	Shot		Small arms	11-Mar, 13:10
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km SE	Heard	11	Burst		HMG	10-Mar, 18:42
	3-5km SE	Heard	1	Burst		HMG	10-Mar, 18:50
	3-5km S	Heard	2	Burst		HMG	10-Mar, 18:58
	3-5km SE	Heard	3	Burst		HMG	10-Mar, 19:05
	1-3km S	Heard	3	Burst		HMG	10-Mar, 19:06
	1-3km SE	Heard	10	Explosion	Undetermined	N/K	10-Mar, 19:06-19:11
	3-5km SE	Heard	3	Burst		HMG	10-Mar, 19:25
	3-5km SE	Heard	5	Burst		HMG	10-Mar, 19:49
	3-5km SE	Heard	5	Burst		HMG	10-Mar, 20:47
	3-5km SE	Heard	12	Burst		HMG	10-Mar, 20:58
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	10-Mar, 20:59
	3-5km S	Heard	23	Burst		HMG	10-Mar, 21:00-21:06
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	10-Mar, 21:06
	1-3km SE	Heard	8	Explosion	Undetermined	N/K	10-Mar, 21:11-21:20
	1-3km SE	Heard	10	Explosion	Undetermined	N/K	10-Mar, 21:23-21:31
	1-3km SE	Heard	5	Explosion	Undetermined	N/K	10-Mar, 21:38-21:45
	3-5km SE	Heard	3	Burst		HMG	10-Mar, 21:47
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	10-Mar, 21:50
	3-5km SE	Heard	3	Burst		HMG	10-Mar, 21:56
	3-5km S	Heard	3	Burst		HMG	10-Mar, 22:33
	1-3km SE	Heard	1	Explosion	Undetermined	N/K	10-Mar, 23:01
	3-5km SE	Heard	3	Burst		HMG	10-Mar, 23:03
	1-3km SE	Heard	1	Explosion	Undetermined	N/K	10-Mar, 23:06
3-5km SE	Heard	2	Burst		HMG	10-Mar, 23:08	
3-5km SE	Heard	1	Explosion	Undetermined	N/K	10-Mar, 23:08	
3-5km S	Heard	5	Burst		HMG	10-Mar, 23:31	
3-5km SE	Heard	3	Explosion	Undetermined	N/K	10-Mar, 23:39-23:44	
Horlivka (non-government-	5-7km SSW	Heard	18	Explosion	Undetermined	N/K	10-Mar, 21:00-21:05

controlled, 39km NE of Donetsk)	5-7km SSW	Heard	3	Explosion	Undetermined	N/K	10-Mar, 22:23
	5-7km WSW	Heard	3	Explosion	Undetermined	N/K	10-Mar, 22:37
	5-7km SSW	Heard	9	Explosion	Undetermined	N/K	10-Mar, 22:44-22:49
	5-7km SSW	Heard	11	Explosion	Undetermined	N/K	10-Mar, 22:54-22:57
	5-7km SSW	Heard	9	Explosion	Undetermined	N/K	10-Mar, 23:12-23:14
	4-5km W	Heard	4	Explosion	Undetermined	N/K	10-Mar, 23:51-23:52
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	3-4km SSE	Heard	1	Explosion	Undetermined (within 5km radius from DFS)	N/K	11-Mar, 09:05
	4-5km S	Heard	1	Explosion	Undetermined (within 5km radius from DFS)	N/K	11-Mar, 11:05
	2-3km SSW	Heard	3	Burst	within 5km radius from DFS	HMG	11-Mar, 11:23
	4-5km SW	Heard	2	Explosion	Undetermined (within 5km radius from DFS)	N/K	11-Mar, 12:53
N edge of Holubivka (formerly Kirovsk, non-government-controlled, 51km W of Luhansk)	8-10km W	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	11-Mar, 08:55
	3-5km NW	Heard	1	Explosion	Undetermined	N/K	11-Mar, 10:15
	5-7km NE	Heard	1	Explosion	Undetermined	N/K	11-Mar, 11:30
Holubivske (non-government-controlled, 51km W of Luhansk)	4-6km SE	Heard	2	Explosion	Undetermined	N/K	11-Mar, 09:17-09:34
1.5km N of Kruhlyk (non-government-controlled, 31km SW of Luhansk)	500-600m W	Heard	12	Shot	Outgoing (assessed as live-fire training)	Small arms	11-Mar, 09:37-09:48
About 1km SW of Myrne (non-government-controlled, 28km SW of Luhansk)	3-5km E	Heard	12	Explosion	Outgoing (assessed as live-fire training)	Tank (type N/K)	11-Mar, 10:53-11:03
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	3-4km SSW	Recorded	12	Projectile	WNW to ESE	N/K	10-Mar, 20:05
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	3-5km E	Recorded	1	Projectile	NW to SE (assessed as outside the disengagement area)	N/K	10-Mar, 20:24
	2-5km E	Recorded	1	Illumination flare	In vertical flight (assessed as outside the disengagement area)	N/K	10-Mar, 22:45
	2-4km E	Recorded	1	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	11-Mar, 01:56

	3-5km E	Recorded	1	Explosion	Assessed as outside the disengagement area	N/K	11-Mar, 02:55
	2-4km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	11-Mar, 18:03

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).