

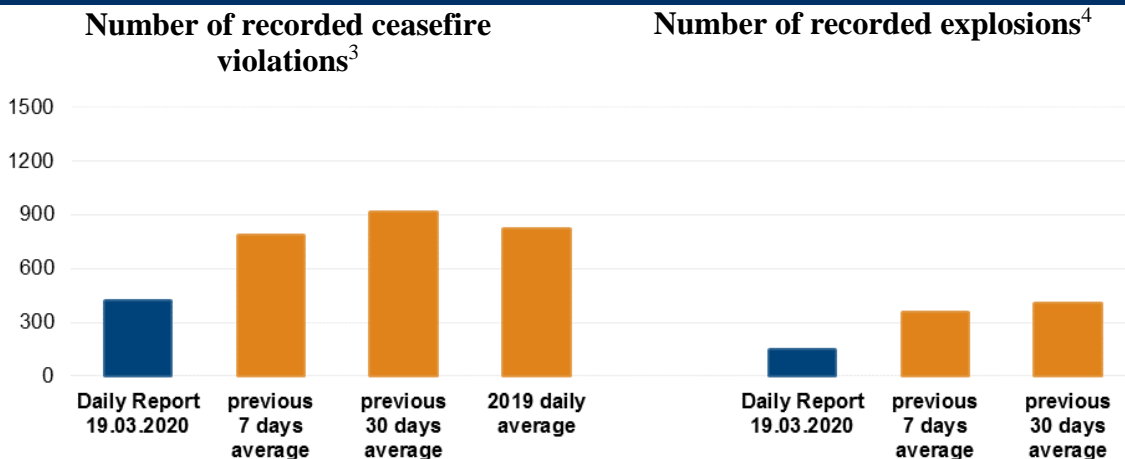
Daily Report 66/2020

19 March 2020¹

Summary

- Compared with the previous reporting period, the SMM recorded fewer ceasefire violations in both Donetsk and Luhansk regions.
- Small-arms fire was assessed as aimed at two SMM mini-unmanned aerial vehicles near Starohnativka and Yasynuvata, Donetsk region.
- The Mission continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske. It also continued to record ceasefire violations inside the disengagement area near Petrivske.
- The SMM saw weapons in violation of withdrawal lines on both sides of the contact line.
- The Mission continued to observe measures related to the COVID-19 outbreak at checkpoints in both Donetsk and Luhansk regions, as well as at the checkpoint near Kalanchak, Kherson region.
- The SMM facilitated and monitored adherence to localized ceasefires to enable demining near Krasnyi Yar and repairs to power lines near Sopyne, Shchastia and Slovianoserbsk.
- Restrictions of the SMM's freedom of movement continued, including at checkpoints of the armed formations in southern Donetsk region.*

Ceasefire violations²



¹ Based on information from the Monitoring Teams as of 19:30, 18 March 2020. All times are in Eastern European Time.

² For a complete breakdown of ceasefire violations, please see the annexed table. The SMM camera in Svitlodarsk was not operational during the reporting period.

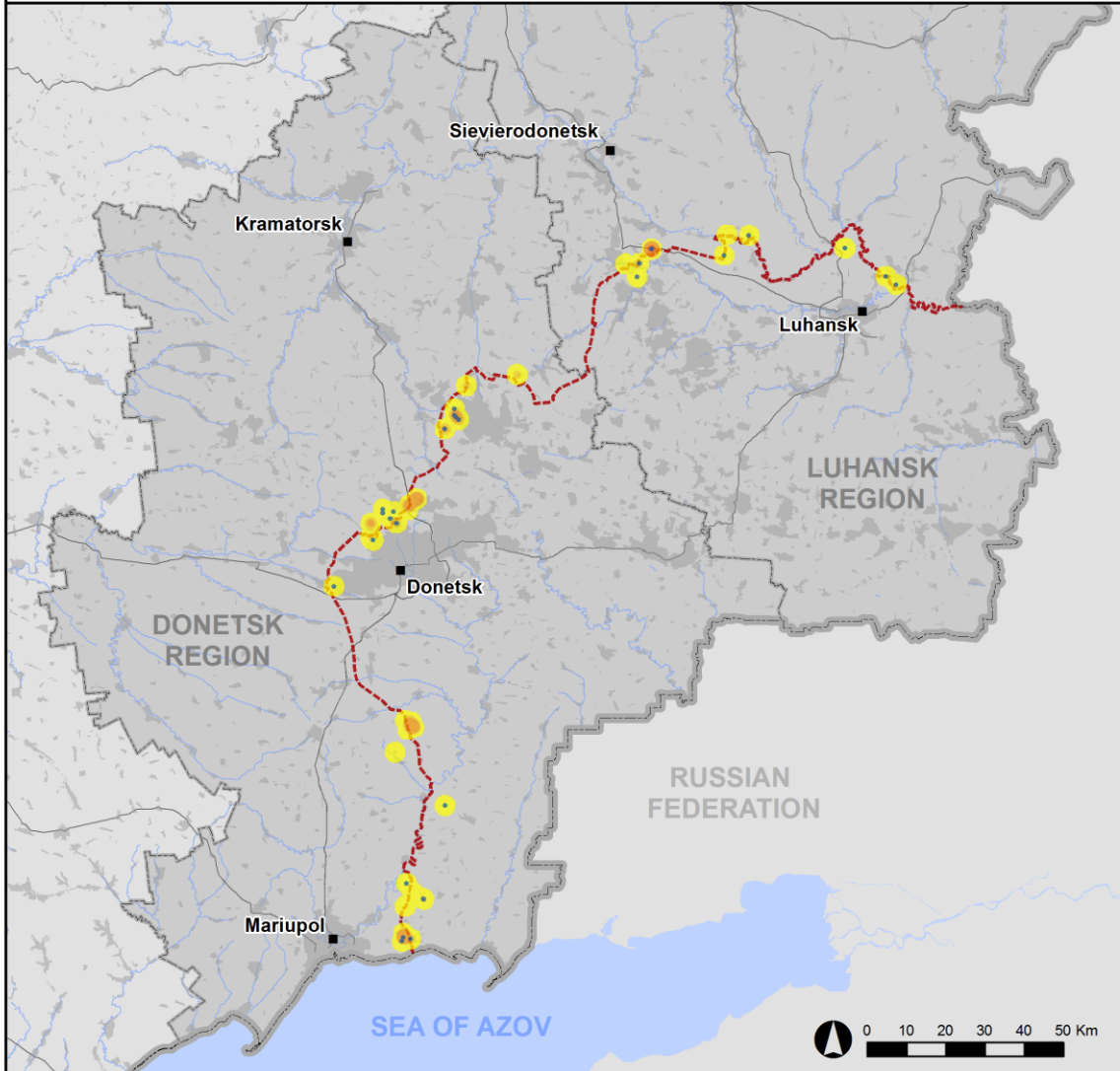
³ Including explosions.

⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

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

Ceasefire violations observed by the SMM 18 March 2020



Ceasefire violation concentration

- High
-
- Low

- 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: 19/03/2020

In Donetsk region, the SMM recorded fewer ceasefire violations, including fewer explosions (82), compared with the [previous reporting period](#) (about 115 explosions). The majority of ceasefire violations were recorded in areas north-west of Horlivka (non-government-controlled, 39km north-east of Donetsk), at northerly directions of Shyrokyne (government-controlled, 100km south of Donetsk) and in areas close to the disengagement area near Petrivske (non-government-controlled, 41km south of Donetsk) (see below).

In Luhansk region, the SMM recorded fewer ceasefire violations, including fewer explosions (64), compared with the [previous reporting period](#) (about 95 explosions). Almost all ceasefire violations were recorded in areas east of the disengagement area near Zolote (government-controlled, 60km west of Luhansk) (see below).

Small-arms fire assessed as aimed at two SMM mini-unmanned aerial vehicles

On 18 March, while conducting a mini-unmanned aerial vehicle (UAV) flight near Yasynuvata (non-government-controlled, 16km north-east of Donetsk), the SMM heard 46 shots of small-arms fire at an assessed range of 1-2km north-north-west, assessed as targeting the UAV, which was flying about 800m north-north-west of the SMM's position.*

On the same day, while conducting a mini-UAV flight near Starohnativka (government-controlled, 51km south of Donetsk), the Mission heard seven shots of small-arms fire at an assessed range of 100-200m south-east, assessed as targeting the UAV, which was flying about 100-200m south-east of the SMM's position.*

In both cases, the Mission landed the UAV safely.

Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske⁵

On 18 March, while positioned near the south-eastern edge of the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), the SMM heard an undetermined explosion at an assessed range of 2-3km north-west and assessed as outside the disengagement area but within 5km of its periphery. On the same day, the Mission saw five 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 night of 17-18 March, the SMM camera in Zolote recorded two projectiles in flight at an assessed range of 2-4km east. On 18 March, while positioned in two locations near the disengagement area, the Mission heard 11 undetermined explosions and four bursts of heavy-machine-gun fire. All these ceasefire violations were and assessed as outside the **disengagement area near Zolote** but within 5km of its periphery.

On the same day, the SMM saw two members of the armed formations (both wearing an armband with "JCCC" written on it) near the southern edge of the disengagement area.

On the evening and night of 17-18 March, the SMM camera 2km east of Bohdanivka (government-controlled, 41km south-west of Donetsk) recorded ten projectiles in flight and a muzzle flash, all at an assessed range of 2-4km east-south-east and south-east and assessed as inside the **disengagement area near Petrivske**. During the same time, the camera

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

recorded 26 projectiles in flight and five muzzle flashes, all at an assessed range of 3-5km east-south-east (the Mission was unable to assess if they occurred inside or outside the area). On the same evening and night, the SMM camera in Petrivske recorded 24 projectiles in flight at an assessed range of 0.8-3km south-south-west, west-south-west and west and assessed as inside the disengagement area.

During the day on 18 March, while positioned in two locations near the area the SMM observed a calm situation.

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 saw 26 weapons in violation of withdrawal lines, including multiple launch rocket systems, howitzers and tanks, all in the security zone on both sides of the contact line in Donetsk and Luhansk regions (for further details, see the table below).

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

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

Anti-tank mines seen near Shchastia and for the first time near Rozsadky

On 14 March, an SMM mini-UAV spotted five anti-tank mines (probable TM-62) laid in a single row across road H-21 about 1.8km north-east of Vesela Hora (non-government-controlled, 16km north of Luhansk), assessed as belonging to the armed formations (for previous observations in the area, see [SMM Daily Report of 18 March 2020](#)).

On 16 March, an SMM mid-range UAV spotted for the first time two rows of at least 38 anti-tank mines in fields about 3km south-west of Rozsadky (62km north-east of Donetsk), assessed as belonging to the Ukrainian Armed Forces (unable to be assessed whether recently laid) (for previous observations in the area, see [SMM Daily Report of 11 March 2020](#)).

On 17 March, an SMM mini-UAV [again](#) spotted about 400 anti-tank mines in fields north-east of Pyshevkyk (government-controlled, 84km south of Donetsk), some near a recently dug trench (see the table below).

Preventative measures against COVID-19 outbreak

The SMM [continued](#) to see officers of the Border Guard Service of Ukraine wearing protective equipment and measuring the body temperature of civilians at entry-exit checkpoints (EECP), and continued to see members of the armed formations wearing similar equipment and measuring body temperatures of civilians at the checkpoint south of the Stanytsia Luhanska bridge.

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

On 18 March, the Mission saw that the numbers of vehicles and pedestrians travelling through the EECs near Novotroitske (government-controlled, 36km south-west of Donetsk) and Maiorsk (government-controlled, 45km north-east of Donetsk) and in Stanytsia Luhanska, as well as at the checkpoints of the armed formations near Olenivka (non-government-controlled, 23 km south-west of Donetsk), Horlivka and south of the Stanytsia Luhanska bridge was very low, compared with the average numbers observed before 16 March.

On the same day at the checkpoint near Kalanchak (67km south-east of Kherson) between Kherson region and Crimea, the Mission saw officers of the State Border Guard Service of Ukraine wearing protective masks and gloves and measuring the temperature of civilians who were crossing. One of them told the SMM that as of 17 March temporary restrictions had been imposed at all checkpoints between Kherson region and Crimea according to which only people whose residence is in mainland Ukraine and those who reside in Crimea are allowed passage through the checkpoints.

SMM facilitation of repairs to critical civilian infrastructure and demining activities

The SMM facilitated and monitored adherence to localized ceasefires to enable repairs to power lines near Sopyne (government-controlled, 101km south of Donetsk) and Berdianske (government-controlled, 102km south of Donetsk), near Shchastia and near Slovianoserbsk (non-government-controlled, 28km north-west of Luhansk), as well as to enable demining activities near Krasnyi Yar (non-government-controlled, 12km north-east of Luhansk), along the bank of the Sieverskyi Donets river.

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

The Mission continued monitoring in Odessa, Lviv, Ivano-Frankivsk, Kharkiv, Dnipro and 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 of 18 March 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, citing "demining activities in 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 west of Verkhnohyrokyvske (formerly Oktiabr, non-government-controlled, 85km south of Donetsk), a member of the armed formations [again](#) allowed the SMM to proceed only after about 20 minutes of waiting.

Other impediments:

- On the evening of 17 March, an SMM long-range UAV experienced a GPS signal interference, assessed as caused by probable jamming, while flying over areas between government-controlled Kostiantynivka (60km north of Donetsk) and Popasna (69km west of Luhansk).⁷
- An SMM mini-UAV experienced signal interference, assessed as caused by probable jamming: on two occasions while flying over areas near Starohnativka (government-controlled, 51km south of Donetsk) and once near Yasynuvata (non-government-controlled, 16km north-east of Donetsk) (see also below).
- While conducting mini-UAV flights near Starohnativka and near Yasynuvata, the SMM heard shots and bursts of small-arms fire assessed as directed at its UAVs.
- Medical staff at a hospital in non-government-controlled Donetsk city refused to provide information to the SMM regarding reports of a civilian casualty and referred it to senior members of the armed formations.

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				
16/03/2020	3	Multiple launch rocket system (BM-21 <i>Grad</i> , 122mm)	In Vrubivka (72km west of Luhansk)	Mini-UAV
Non-government-controlled areas				
15/03/2020	2	Towed howitzer (D-30A <i>Lyagushka</i> , 122mm)	Near Petrovenky (40km west of Luhansk)	Mini-UAV
16/03/2020	1	Multiple launch rocket system (BM-21 <i>Grad</i> , 122mm)	Near Bohdanivka (44km west of Luhansk)	
	5	Towed howitzer (three 2A65 <i>Msta-B</i> , 152mm and two D-30A <i>Lyagushka</i> , 122mm)	Near Krynychne (45km west of Luhansk)	
17/03/2020	3	Tank (T-72), including one probable tank (T-72)	Near Kalynove (60km west of Luhansk)	Long-range UAV
	12	Tank (T-72)	In a training area near Novoselivka (37km north-east of Donetsk)	

Weapons beyond withdrawal lines

Date	No. of weapons	Type of weapon	Location	Source of observation
Government-controlled areas				
17/03/2020	7	Tank (T-72)	Near Rubizhne (84km north-west of Luhansk)	Mini-UAV

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

Date	No.	Type	Location	Source of observation
Government-controlled areas				
16/03/2020	4	Infantry fighting vehicle (one BMP-2 and three BMP variants)	Near Pyshevyk (84km south of Donetsk)	Mini-UAV
	3	Self-propelled anti-aircraft system (ZSU-23-4, <i>Shilka</i> 23mm)	On the eastern edge of a residential area of Orlyvske (82km south of Donetsk)	
	1	Infantry fighting vehicle (BMP variant)		
	12	Infantry fighting vehicle (at least seven BMP-1 and five BMP-2)	In Vrubivka (72km west of Luhansk)	
17/03/2020	8	Infantry fighting vehicle (BMP variant)	Near Popasna (69km west of Luhansk)	Long-range UAV
	4	Armoured combat vehicle	Near a residential area of Popasna (69km west of Luhansk)	
	1	Probable combat reconnaissance vehicle (BRDM-2)	In a residential area of 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.

	1	Armoured personnel carrier (MT-LB) with an anti-aircraft gun (ZU-23, 23mm)	Near Myronivskiyi (62km north-east of Donetsk)	
	3	Armoured combat vehicle		
	1	Armoured personnel carrier (BTR variant)	Near Svitlodarsk (57km north-east of Donetsk)	
	2	Armoured reconnaissance vehicle (BRDM-2)	Near Krasnohorivka (21km west of Donetsk)	
	3	Infantry fighting vehicle (BMP-1)	Near Nevelske (18km north-west of Donetsk)	
	-	Three recently dug trenches (600m, 350m and 200m in length, all running north to south)	North-east and east of Pyshevyk (84km south of Donetsk)	
18/03/2020	1	Armoured personnel carrier (BTR-70)	In Pavlopil (84km south of Donetsk)	Patrol
	2	Infantry fighting vehicle (BMP variant)	Near Netailove (22km north-west of Donetsk)	
	2	Armoured reconnaissance vehicles (BRDM-2)		
	1	Infantry fighting vehicle (BMP variant)	In residential areas of Karlivka (25km north-west of Donetsk)	
	2	Armoured reconnaissance vehicles (BRDM-2)	Near Kamianka (20km north of Donetsk)	
	4	Infantry fighting vehicle (BMP-2)	Near Myrna Dolyna (67km north-west of Luhansk)	
	7	Infantry fighting vehicle (BMP-2)	Near Bila Hora (67km north-west of Luhansk)	
	9	Infantry fighting vehicle (BMP-1)	Near Vyskryva (76km west of Luhansk)	
1	Armoured personnel carrier (MT-LB)			
Non-government-controlled areas				
15/03/2020	3	Infantry fighting vehicle (BMP variant)	Near Vesela Hora (16km north of Luhansk)	Mini-UAV
17/03/2020	1	Armoured combat vehicle	Near Kalynove (60km west of Luhansk)	Long-range UAV
	1	Armoured combat vehicle	Near Sanzharivka (67km north-east of Donetsk)	

Table of ceasefire violations as of 18 March 2020⁹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	3-5km E	Recorded	1	Illumination flare	In vertical flight	N/K	17-Mar, 23:35
SMM camera 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	3-5km ESE	Recorded	1	Projectile	NNE to SSW (unable to assess whether inside or outside the disengagement area near Petrivske)	N/K	17-Mar, 20:11
	3-5km ESE	Recorded	2	Projectile	In vertical flight (unable to assess whether inside or outside the disengagement area near Petrivske)	N/K	17-Mar, 20:11
	3-5km ESE	Recorded	1	Projectile	NNE to SSW (unable to assess whether inside or outside the disengagement area near Petrivske)	N/K	17-Mar, 20:18
	3-5km ESE	Recorded	2	Muzzle flash	Unable to assess whether inside or outside the disengagement area near Petrivske)	N/K	17-Mar, 20:18
	2-4km ESE	Recorded	1	Projectile	NNE to SSW (assessed as inside the disengagement area near Petrivske)	N/K	17-Mar, 21:09
	2-4km ESE	Recorded	1	Projectile	NNE to SSW (assessed as inside the disengagement area near Petrivske)	N/K	17-Mar, 21:09
	2-4km ESE	Recorded	1	Muzzle flash	Assessed as inside the disengagement area near Petrivske)	N/K	17-Mar, 21:09
	3-5km ESE	Recorded	2	Projectile	SSW to NNE (unable to assess whether inside or outside the disengagement area near Petrivske)	N/K	17-Mar, 23:36

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.

	3-5km ESE	Recorded	3	Projectile	NNE to SSW (unable to assess whether inside or outside the disengagement area)	N/K	17-Mar, 23:42
	3-5km ESE	Recorded	3	Projectile	SSW to NNE (unable to assess whether inside or outside the disengagement area near Petrivske)	N/K	18-Mar, 00:51
	3-5km ESE	Recorded	4	Projectile	NNE to SSW (unable to assess whether inside or outside the disengagement area near Petrivske)	N/K	18-Mar, 01:30
	3-5km ESE	Recorded	2	Muzzle flash	Unable to assess whether inside or outside the disengagement area near Petrivske)	N/K	18-Mar, 01:30
	3-5km ESE	Recorded	2	Projectile	NNE to SSW (unable to assess whether inside or outside the disengagement area near Petrivske)	N/K	18-Mar, 01:31
	3-5km ESE	Recorded	1	Muzzle flash	Unable to assess whether inside or outside the disengagement area near Petrivske)	N/K	18-Mar, 01:31
	3-5km ESE	Recorded	6	Projectile	NNE to SSW (unable to assess whether inside or outside the disengagement area near Petrivske)	N/K	18-Mar, 01:48
	3-5km ESE	Recorded	2	Projectile	NNE to SSW (unable to assess whether inside or outside the disengagement area near Petrivske)	N/K	18-Mar, 01:48
	2-4km ESE	Recorded	4	Projectile	NNE to SSW (assessed as inside the disengagement area near Petrivske)	N/K	18-Mar, 03:59
	2-4km SE	Recorded	4	Projectile	NNE to SSW (assessed as inside the disengagement area near Petrivske)	N/K	18-Mar, 04:00
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SSW	Recorded	1	Projectile	E to W	N/K	17-Mar, 22:55
	1-2km SSW	Recorded	1	Projectile	E to W	N/K	17-Mar, 22:57
	1-3km SSW	Recorded	2	Projectile	E to W	N/K	18-Mar, 01:25

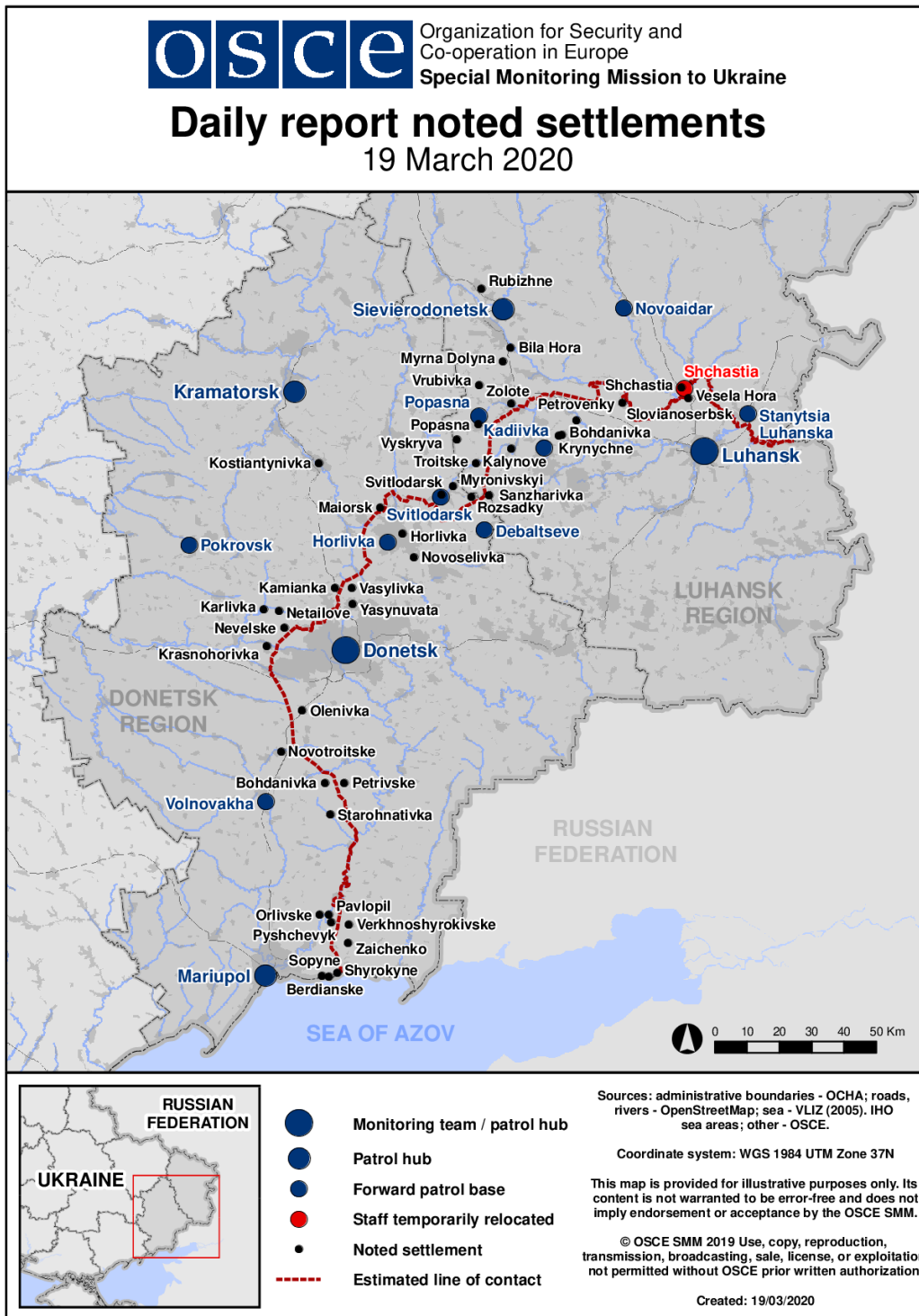
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	3-5km SE	Recorded	3	Projectile	NNE to SSW	N/K	18-Mar, 00:47
SMM camera at entry-exit checkpoint in Hnutove (government-controlled, 84km S of Donetsk)	2-4km ESE	Recorded	1	Illumination flare	In vertical flight	N/K	17-Mar, 19:43
SMM camera in Hranitne (government-controlled, 60km S of Donetsk)	5-7km ESE	Recorded	1	Explosion	Undetermined		18-Mar, 02:33
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	1-2km ENE	Recorded	8	Projectile	NNW to SSE	N/K	18-Mar, 18:25
	1-2km ENE	Recorded	1	Projectile	NNW to SSE	N/K	18-Mar, 18:26
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	4-6km NNE	Recorded	1	Explosion	Airburst	N/K	17-Mar, 22:03
	4-6km NE	Recorded	1	Explosion	Undetermined	N/K	17-Mar, 22:38
	4-6km NNE	Recorded	1	Explosion	Undetermined	N/K	17-Mar, 23:58
	4-6km NE	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 00:01
	4-6km NNE	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 00:09
	4-6km NNE	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 00:14
	5-7km N	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 00:14
	6-8km NNE	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 00:15
	6-8km N	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 00:15
	5-7km N	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 00:16
	4-6km NE	Recorded	3	Projectile	SE to NW	N/K	18-Mar, 00:17
	5-7km N	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 00:17
	4-6km NNE	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 00:17
	4-6km NE	Recorded	6	Explosion	Undetermined	N/K	18-Mar, 01:36
SMM camera in Petrivske (non-government-controlled, 41km S of Donetsk)	0.8-2km SSW	Recorded	1	Projectile	ENE to WSW (assessed as inside the disengagement area)	N/K	17-Mar, 20:12
	1-3km SW	Recorded	4	Projectile	NW to SE (assessed as inside the disengagement area)	N/K	17-Mar, 20:37
	1-3km SSW	Recorded	2	Projectile	SE to NW (unable to assess whether inside or outside the disengagement area)	N/K	18-Mar, 00:05
	0.2-1km WSW	Recorded	6	Projectile	N to S (assessed as inside the disengagement area)	N/K	18-Mar, 00:39
	1-2km SSW	Recorded	2	Projectile	E to W (assessed as inside the disengagement area)	N/K	18-Mar, 01:35
	0.5-1km WSW	Recorded	11	Projectile	N to S (assessed as inside the disengagement area)	N/K	18-Mar, 01:35
SMM camera 1km SW of Shyrokyne	4-6km N	Recorded	2	Projectile	SE to NW	N/K	17-Mar, 19:08
	4-6km N	Recorded	3	Projectile	E to W	N/K	17-Mar, 19:27

(government-controlled, 100km S of Donetsk)	4-6km N	Recorded	1	Projectile	SE to NW	N/K	17-Mar, 19:27
	4-6km N	Recorded	2	Projectile	In vertical flight	N/K	17-Mar, 19:28
	4-6km N	Recorded	6	Projectile	E to W	N/K	17-Mar, 19:28
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	17-Mar, 19:32
	4-6km N	Recorded	5	Projectile	ESE to WNW	N/K	17-Mar, 23:09
	4-6km NNE	Recorded	1	Muzzle flash		N/K	17-Mar, 23:11
	4-6km NNE	Recorded	1	Projectile	SW to NE (subsequent to previous event)	N/K	17-Mar, 23:11
	4-6km N	Recorded	1	Illumination flare	In vertical flight	N/K	17-Mar, 23:41
	4-6km NNE	Recorded	2	Explosion	Undetermined	N/K	17-Mar, 23:53
	4-6km NNE	Recorded	4	Projectile	E to W	N/K	18-Mar, 00:58
	4-6km NNE	Recorded	4	Projectile	E to W	N/K	18-Mar, 00:59
	4-6km N	Recorded	1	Projectile	W to E	N/K	18-Mar, 01:02
	4-6km N	Recorded	1	Projectile	SSE to NNW	N/K	18-Mar, 01:04
	4-6km N	Recorded	1	Muzzle flash		N/K	18-Mar, 01:16
	4-6km N	Recorded	5	Projectile	W to E	N/K	18-Mar, 01:16
	4-6km N	Recorded	1	Illumination flare	In vertical flight	N/K	18-Mar, 01:28
	5-7km N	Recorded	3	Projectile	E to W	N/K	18-Mar, 02:06
	5-7km N	Recorded	4	Projectile	E to W	N/K	18-Mar, 02:56
	5-7km N	Recorded	5	Projectile	E to W	N/K	18-Mar, 03:07
	5-7km N	Recorded	2	Projectile	E to W	N/K	18-Mar, 03:46
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km W	Recorded	9	Projectile	NW to SE	N/K	18-Mar, 02:48
About 2.5km SE of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km E	Heard	28	Shot		Small arms	18-Mar, 10:05
About 1km NW of railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-2km NNW	Heard	46	Shot		Small arms	18-Mar, 10:03
About 2km NW of Pisky (government-controlled, 11km NW of Donetsk)	2-3km NE	Heard	14	Shot		Small arms	18-Mar, 10:02-10:08
	2-3km NE	Heard	4	Burst		Small arms	18-Mar, 10:12
	3-4km SE	Heard	2	Explosion	Undetermined	N/K	18-Mar, 11:00
	2-3km SE	Heard	6	Burst		HMG	18-Mar, 11:13
Oleksandrivka (non-government-controlled, 20km SW of Donetsk)	2-3km NW	Heard	1	Explosion	Undetermined	N/K	18-Mar, 12:07
About 600m W of Verkhnohyrovivske (formerly Oktiabr, non-government-controlled, 85km S of Donetsk)	2km SE	Heard	2	Explosion	Undetermined	N/K	18-Mar, 10:28
	2km SE	Heard	2	Explosion	Undetermined	N/K	18-Mar, 10:37
	1.5-2km SE	Heard	4	Explosion	Undetermined	N/K	18-Mar, 10:44-10:45
About 2km NE of Chernenko (government-controlled, 86km S of Donetsk)	4-5km NE	Heard	1	Explosion	Undetermined	N/K	18-Mar, 10:28
Starohnativka (government-	100-200m SE	Heard	7	Shot		Small arms	18-Mar, 11:44-11:45

controlled, 51km S of Donetsk)							
Lebedynske (government-controlled, 99km S of Donetsk)	3-4km E	Heard	1	Explosion	Undetermined	N/K	18-Mar, 13:48
Horlivka (non-government-controlled, 39km NE of Donetsk)	5-7km W	Heard	16	Explosion	Undetermined	N/K	17-Mar, 20:34-20:40
	4-5km NW	Heard	4	Explosion	Undetermined	N/K	17-Mar, 22:04-22:05
	4-6km NW	Heard	10	Explosion	Undetermined	N/K	17-Mar, 22:10-22:18
	4-5km NW	Heard	1	Explosion	Undetermined	N/K	17-Mar, 23:50
	4-5km NW	Heard	2	Explosion	Undetermined	N/K	17-Mar, 23:58
	3-4km NW	Heard	13	Explosion	Undetermined	N/K	18-Mar, 00:01-00:15
About 5.5km NW of Horlivka (non-government-controlled, 39km NE of Donetsk)	2km NNW	Heard	1	Explosion	Undetermined	N/K	18-Mar, 12:53-12:55
	2km NNW	Heard	6	Burst		HMG	18-Mar, 12:53-12:55
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	2-4km SSW	Recorded	1	Projectile	In vertical flight	N/K	17-Mar, 19:15
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-4km E	Recorded	2	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	18-Mar, 00:45
N edge of Trokhizbenka (government-controlled, 32km NW of Luhansk)	1-1.5km S	Heard	1	Explosion	Undetermined	N/K	18-Mar, 10:50
	8-10km SW	Heard	1	Explosion	Undetermined	N/K	18-Mar, 11:10
SW edge of Zolote-5/Mykhailivka (non-government-controlled, 58km W of Luhansk)	3-4km NE	Heard	9	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	18-Mar, 10:50-11:00
	2km NNE	Heard	4	Burst	Assessed as outside the disengagement area	HMG	18-Mar, 10:50-11:00
About 2km E of Zolote-2/Karbonit (government-controlled, 62km W of Luhansk)	5-10km E	Heard	33	Explosion	Undetermined	N/K	18-Mar, 10:50-11:06
	5-10km E	Heard	15	Explosion	Undetermined	N/K	18-Mar, 13:05-13:10
	5-10km E	Heard	43	Shot and burst		N/K	18-Mar, 13:05-13:10
	5-10km E	Heard	1	Explosion	Undetermined	N/K	18-Mar, 13:38
Obozne (non-government-controlled, 18km N of Luhansk)	1-2km SW	Heard	1	Explosion	Undetermined	N/K	18-Mar, 11:00
E edge of Krasnyi Yar (non-government-controlled, 12km NE of Luhansk)	1-2km E	Heard	1	Explosion	Undetermined	N/K	18-Mar, 12:00
1km SE of Stanytsia Luhanska bridge (15km NE of Luhansk)	2-3km NW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	18-Mar, 12:00

3km N of Pervomaisk (non-government-controlled, 58km west of Luhansk)	3-5km E	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	18-Mar, 13:38
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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).