



Daily Report 77/2020

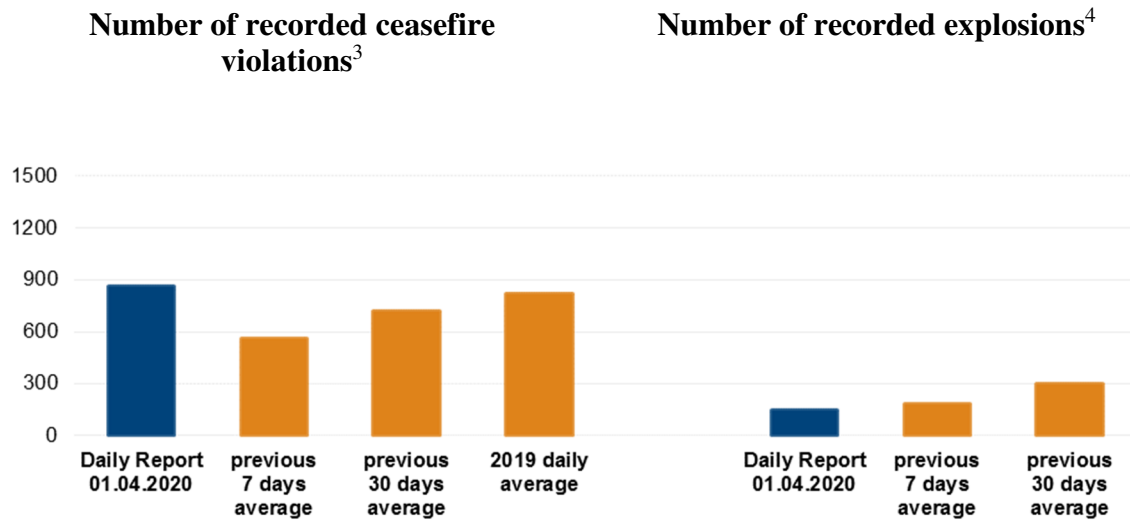
1 April 2020¹

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 SMM mini-unmanned aerial vehicles flying over areas near government-controlled Hnutove and near non-government-controlled Molodetske.
- Members of the armed formations continued to deny the SMM passage towards non-government-controlled areas of Luhansk region at a checkpoint south of Stanytsia Luhanska bridge.
- The Mission continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske.
- The SMM again saw that three entry-exit checkpoints of the Ukrainian Armed Forces and a checkpoint of the armed formations in Donetsk and Luhansk regions remained closed amid the COVID-19 outbreak.
- The Mission facilitated the operation of the Donetsk Filtration Station. It recorded ceasefire violations within a 2km radius of the station, including during a transit by bus of *Voda Donbassa* employees.
- The SMM monitored adherence to localized ceasefires to enable demining in cemeteries in a government-controlled area of Luhansk region and construction and repairs of critical civilian infrastructure in Luhansk and Donetsk regions.

¹ Based on information from the Monitoring Teams as of 19:30, 31 March 2020. All times are in Eastern European Summer Time.

Ceasefire violations²



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

³ Including explosions.

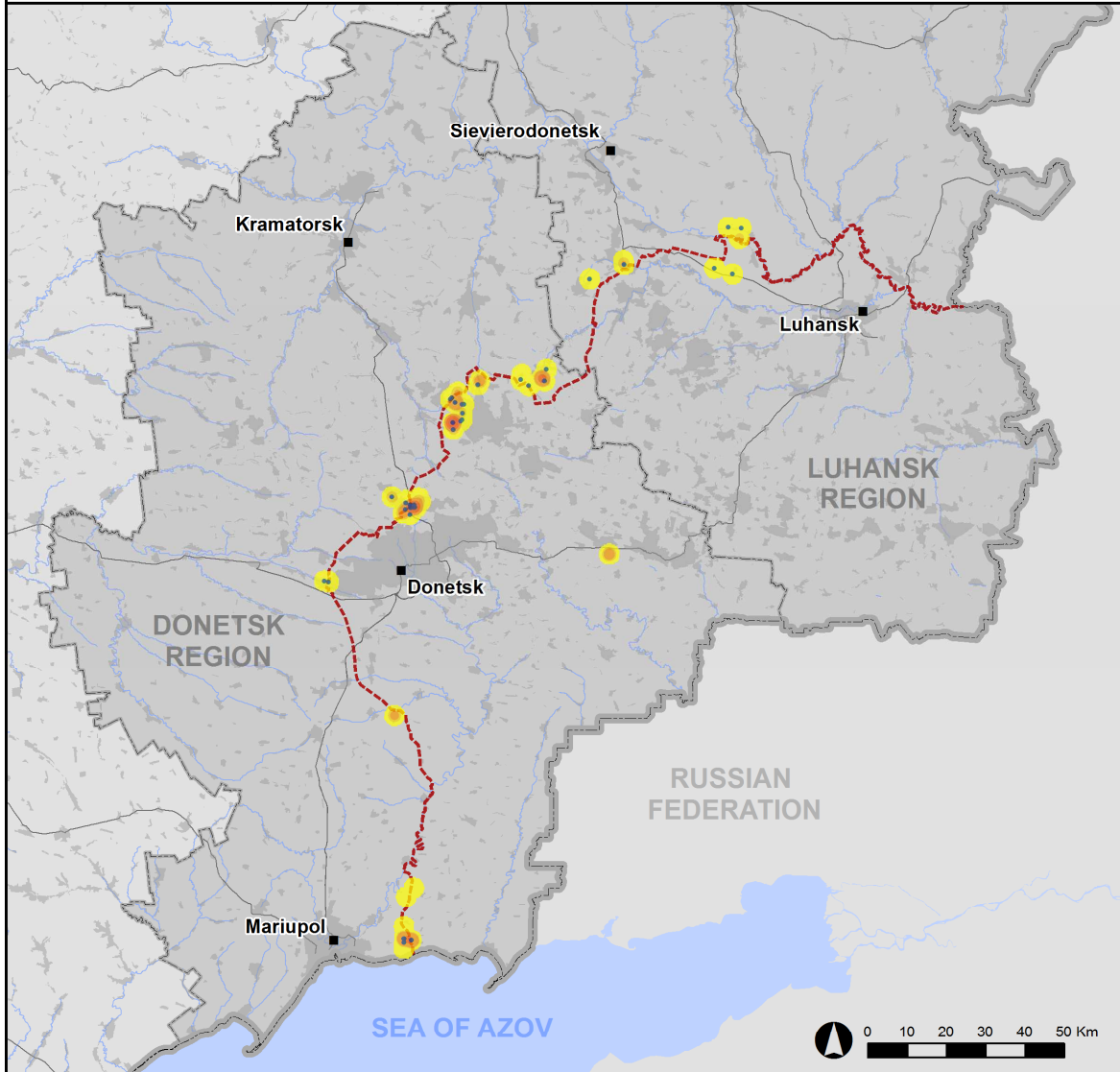
⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

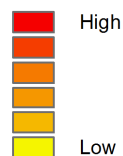


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 31 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: 01/04/2020

In Donetsk region, the SMM recorded fewer ceasefire violations, including fewer explosions (about 125), compared with the [previous reporting period](#) (about 405 explosions). The majority of ceasefire violations were recorded at westerly directions of Horlivka (non-government-controlled, 39km north-east of Donetsk), in areas close to the Donetsk Filtration Station (DFS) (15km north 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](#) (34 explosions). The majority of ceasefire violations were recorded at easterly directions of Zolote (government-controlled, 60km west of Luhansk) and in areas north-west of Krasnyi Lyman (non-government-controlled, 30km north-west of Luhansk) (see below).

Small-arms fire assessed as directed at SMM UAVs near government-controlled Hnutove and non-government-controlled Molodetske

While conducting a mini-unmanned aerial vehicle (UAV) flight over areas near Hnutove (government-controlled, 90km south of Donetsk), the SMM heard three bursts of small-arms fire at an assessed distance of 3km east, assessed as targeting the UAV, which was flying 3km east of the patrol's position.*

While conducting a mini-UAV flight over areas near Molodetske (non-government-controlled, 50km east of Donetsk), the SMM heard 30 shots of small-arms fire at an assessed range of 600-700 meters south-east, assessed as targeting the UAV, which was flying at an assessed range of 600-700 meters south-east of the patrol's position.*

In both cases, the Mission landed its UAV safely and left the area.

Members of the armed formations continued to deny SMM passage at a checkpoint in Luhansk region

Members of the armed formations continued to deny the Mission passage at a checkpoint south of Stanytsia Luhanska bridge (15km north-east of Luhansk) along an official crossing route. These restrictions constitute an impediment to the implementation of the Mission's mandate.^{5*}

Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske⁶

On 31 March, positioned inside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), the SMM observed a calm situation. Throughout the day, the SMM observed four 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.

During the evening of 30 March, the SMM camera in Zolote recorded five undetermined explosions, ten projectiles in flight and an illumination flare, all at an assessed range of 2-

⁵ The Mission began facing repeated denials when attempting to cross into non-government-controlled areas at checkpoints of the armed formations in Donetsk region on 21 March and Luhansk region on 23 March. For more information, see SMM Daily and Spot Reports.

⁶ Disengagement is foreseen in the Framework Decision of the Trilateral Contact Group relating to disengagement of forces and hardware of 21 September 2016.

3km east and east-north-east and assessed as outside **the disengagement area near Zolote** but within 5km of its periphery. During the day on 31 March, the SMM saw two members of the armed formations (wearing armbands with “JCCC” written on them) near the southern edge of the disengagement area.

On 30 March, an SMM mini-UAV spotted at least 110 anti-tank mines about 100-200m north and west of the northern and western edges, respectively, **of the disengagement area near Petrivske** (non-government-controlled, 41km south of Donetsk), all in fields north and south of a road between Petrivske and Bohdanivka (government-controlled, 41km south-west of Donetsk) and assessed as belonging to the Ukrainian Armed Forces. It also spotted 16 anti-tank mines, placed in a cluster following demining activities, in a field about 100m north of the northern edge of the disengagement area, assessed as belonging to the armed formations. (For previous observations in the area, see [SMM Daily Report 24 March 2020](#)).

Outside the disengagement area, about 600m south of it, the same UAV also spotted an armored combat vehicle and a person assessed as Ukrainian Armed Forces personnel.

During the day on 31 March, while positioned about 2km east of Bohdanivka, the SMM heard 21 shots of small-arms fire at an assessed range of 2-3km north-west and assessed as outside the disengagement 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.

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

The Mission observed an armoured combat vehicle and an infantry fighting vehicle in government-controlled areas in Donetsk region (for further details, see the table below).

Mine hazard sign on pedestrian bridge near Staryi Aidar

On a pedestrian bridge 2km east of Staryi Aidar (government-controlled, 20km north-west of Luhansk), the SMM observed for the first time a mine hazard sign with “Stop Mine!” written in Ukrainian and “Danger Mines!” written in English.

Measures at checkpoints along the contact line to counter COVID-19 outbreak

In Donetsk region, the SMM noted that the entry-exit checkpoints (EECP) near Hnutove and Maiorsk (government-controlled, 45km north-east of Donetsk) remained closed due to the COVID-19 outbreak.

In Luhansk region, the Mission noted that the EECP near Stanytsia Luhanska and the corresponding checkpoint of the armed formations south of the Stanytsia Luhanska bridge also remained closed due to the COVID-19 outbreak. At the EECP, it [again](#) saw about 45 people (mostly women of mixed ages, as well as two children), reportedly waiting to travel towards non-government-controlled areas. At a checkpoint 200m south of Stanytsia Luhanska bridge, two members of the armed formations separately told the SMM that they

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

were not aware of the civilians waiting at the aforementioned EECP to travel towards non-government-controlled areas and that “they were under strict orders not to let anybody, including civilians with residency “permits” and the SMM, pass through their checkpoint”.*

All EECPs have been closed since 22 March. The corresponding checkpoints of the armed formations in Donetsk and Luhansk regions (including the one south of the Stanytsia Luhanska bridge) have been closed since 21 March and 23 March, respectively.

SMM facilitation of the operation, construction and repairs of critical infrastructure and of demining activities near cemeteries

The SMM facilitated and monitored adherence to localized ceasefires to enable construction of power lines close to the EECP near Maiorsk and repairs to water infrastructure in Krasnyi Lyman, as well as to enable demining activities in two cemeteries each in Katerynivka (government-controlled, 64km west of Luhansk) and Zolote-4/Rodina (government-controlled, 59km west of Luhansk).

The Mission also continued to facilitate the operation of the DFS. On the evening of 30 March, the SMM camera at the DFS recorded two undetermined explosions at an assessed range of 0.5-1km south and a projectile in flight at an assessed range of 2-4km east. During the day on 31 March, while positioned near the DFS, the SMM heard 27 bursts of heavy-machine-gun fire occurring while a bus was transporting *Voda Donbassa* employees from the DFS. Additionally, throughout the day, while positioned in four locations near the DFS, it also heard about 30 undetermined explosions and about 140 bursts and shots of heavy-machine-gun and small-arms fire, all assessed as within a 2km radius of the DFS.

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 28 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 200m south of the Stanytsia Luhanska bridge (15km north-east of Luhansk), a member of the armed formations [again](#) denied the SMM passage towards non-government-controlled areas of Luhansk region, citing “orders from superiors”.

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.

Conditional access:

- At the boundary line between Luhansk and Donetsk regions near Debaltseve (non-government-controlled, 58km north-east of Donetsk), a member of the armed formations only allowed the SMM to proceed toward non-government-controlled areas of Donetsk region after being shown patrol members' health certificates and checking their temperatures.
- At a checkpoint about 1km south-east of Zelenopillia (government-controlled, 70km north of Donetsk), a police officer only allowed the SMM to proceed after its cars had undergone disinfection procedures. Two police officers explained that vehicles passing the checkpoint needed to undergo disinfection as a preventative measure against COVID-19.

Other impediments:

- While conducting a mini-UAV flight near Hnutove (government-controlled, 90km south of Donetsk), the SMM heard three bursts of small-arms fire assessed as directed at its UAV (see above).
- While conducting a mini-UAV flight near Molodetske (non-government-controlled, 50km east of Donetsk), the SMM heard 30 shots of small-arms fire assessed as directed at its UAV (see above).

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

Date	No.	Type	Location	Source of observation
Government-controlled areas				
30/03/2020	1	Armoured combat vehicle	Near Bohdanivka (41km south-west of Donetsk)	Mini-UAV
31/03/2020	1	Infantry fighting vehicle (BMP-1)	Near Orlivka (22km north-west of Donetsk)	Patrol

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

Table of ceasefire violations as of 31 March 2020⁹

SMM position	Event location	Means	No	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-4km ENE	Recorded	1	Projectile	NNW to SSE	N/K	30-Mar, 19:28
	1-3km ENE	Recorded	2	Projectile	SW to NE	N/K	30-Mar, 19:31
	2-4km SE	Recorded	2	Projectile	SSW to NNE	N/K	30-Mar, 20:36
	2-4km SE	Recorded	1	Projectile	WSW to ENE	N/K	30-Mar, 20:49
	2-4km SE	Recorded	2	Projectile	In vertical flight	N/K	30-Mar, 20:50
	2-4km SE	Recorded	6	Projectile	SSW to NNE	N/K	30-Mar, 20:50
	2-4km SE	Recorded	3	Projectile	WSW to ENE	N/K	30-Mar, 20:51
	2-4km SE	Recorded	2	Projectile	WSW to ENE	N/K	30-Mar, 21:03
	2-4km SE	Recorded	2	Projectile	WSW to ENE	N/K	30-Mar, 21:12
	2-4km SE	Recorded	4	Projectile	WNW to ESE	N/K	30-Mar, 21:12
	2-4km ESE	Recorded	4	Projectile	SSW to NNE	N/K	30-Mar, 21:24
	2-4km ESE	Recorded	1	Projectile	SSW to NNE	N/K	30-Mar, 22:05
	2-4km ESE	Recorded	1	Projectile	ESE to WNW	N/K	30-Mar, 22:05
	2-4km ESE	Recorded	2	Projectile	N to S	N/K	30-Mar, 22:27
	2-4km ESE	Recorded	1	Projectile	NNE to SSW	N/K	31-Mar, 01:10
2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 02:00	
2-4km ESE	Recorded	1	Projectile	ESE to WNW	N/K	31-Mar, 02:04	
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	30-Mar, 19:25
	500-800m S	Recorded	1	Explosion	Undetermined	N/K	30-Mar, 19:37
SMM camera at entry-exit checkpoint in Hnutove (government-controlled, 84km S of Donetsk)	2-4km E	Recorded	1	Projectile	N to S	N/K	31-Mar, 01:55
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	4-6km ENE	Recorded	2	Projectile	N to S	N/K	31-Mar, 00:11
	4-6km ENE	Recorded	7	Projectile	N to S	N/K	31-Mar, 00:12
	4-6km ENE	Recorded	4	Projectile	N to S	N/K	31-Mar, 00:13
	4-6km ENE	Recorded	4	Projectile	N to S	N/K	31-Mar, 00:14
	4-6km ENE	Recorded	3	Projectile	N to S	N/K	31-Mar, 00:15
	4-6km ENE	Recorded	4	Projectile	N to S	N/K	31-Mar, 00:16
	4-6km ENE	Recorded	2	Projectile	N to S	N/K	31-Mar, 00:17
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km N	Recorded	1	Explosion	Undetermined	N/K	30-Mar, 21:53
	2-4km NNE	Recorded	1	Explosion	Airburst	N/K	30-Mar, 21:53
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	2-3km N	Recorded	3	Projectile	E to W	N/K	30-Mar, 19:33
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	30-Mar, 20:05
	4-6km NNE	Recorded	1	Projectile	W to E	N/K	30-Mar, 20:40
	4-6km NNE	Recorded	4	Projectile	W to E	N/K	30-Mar, 20:41
	4-6km N	Recorded	3	Projectile	E to W	N/K	30-Mar, 20:44
	6-10km N	Recorded	1	Illumination flare	In vertical flight	N/K	30-Mar, 20:52
	4-6km NNE	Recorded	7	Projectile	E to W	N/K	30-Mar, 21:00
	4-6km NNE	Recorded	2	Projectile	ESE to WNW	N/K	30-Mar, 21:06
4-6km N	Recorded	1	Explosion	Undetermined	N/K	30-Mar, 21:08	

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.

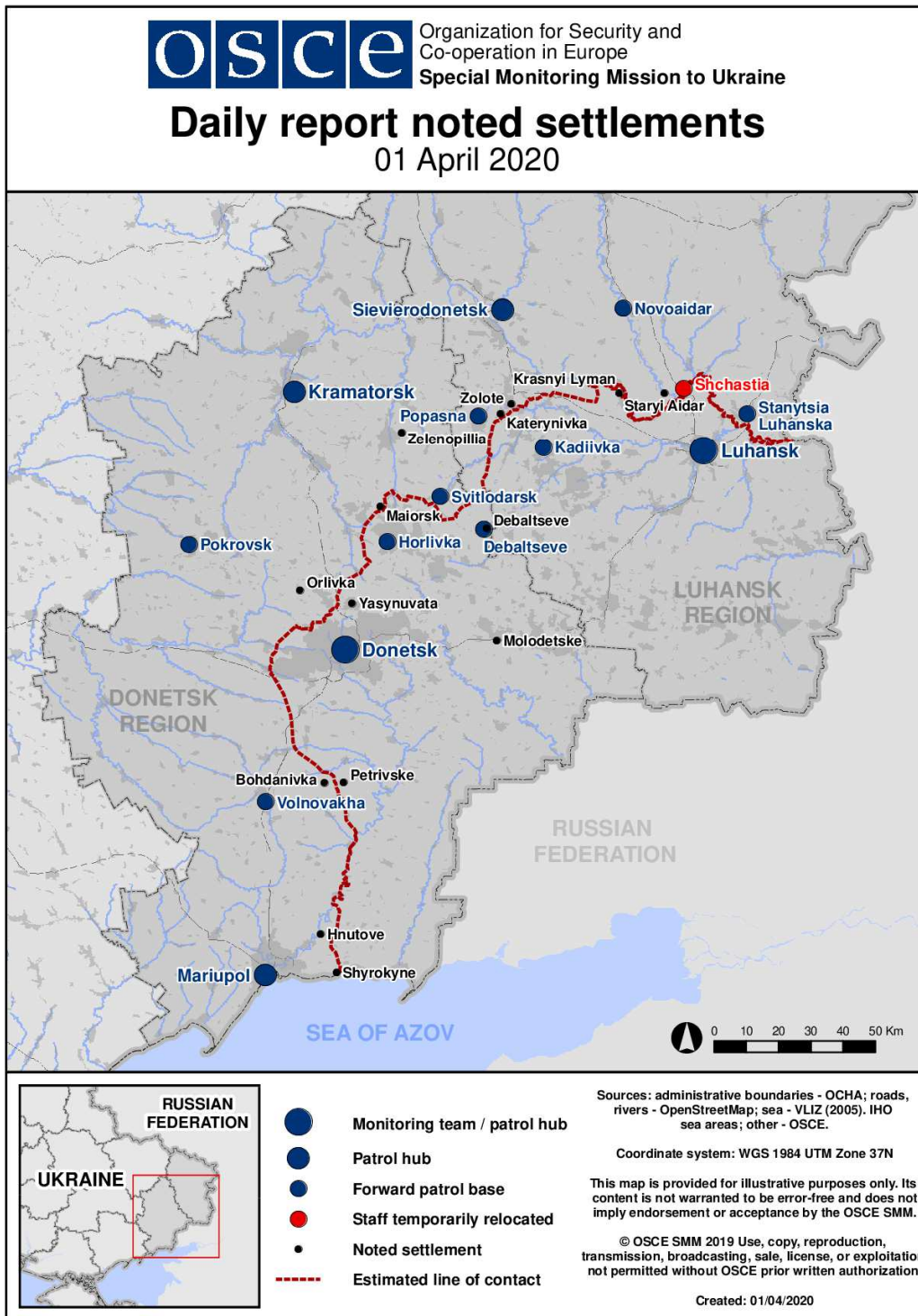
	4-6km N	Recorded	1	Illumination flare	N to S (in vertical flight)	N/K	30-Mar, 21:50
	4-6km NNE	Recorded	2	Projectile	E to W	N/K	30-Mar, 22:25
	4-6km NNE	Recorded	14	Projectile	E to W	N/K	30-Mar, 22:26
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	30-Mar, 22:28
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	30-Mar, 22:32
	4-6km N	Recorded	15	Projectile	E to W	N/K	30-Mar, 22:56
	4-6km N	Recorded	3	Projectile	E to W	N/K	30-Mar, 22:58
	4-6km NNE	Recorded	1	Projectile	E to W	N/K	31-Mar, 00:05
	4-6km NNE	Recorded	1	Projectile	E to W	N/K	31-Mar, 00:30
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 00:40
	4-6km NNE	Recorded	2	Explosion	Undetermined	N/K	31-Mar, 00:42
	4-6km NNE	Recorded	1	Projectile	E to W	N/K	31-Mar, 00:56
	4-6km N	Recorded	2	Projectile	E to W	N/K	31-Mar, 01:00
	4-6km N	Recorded	1	Projectile	E to W	N/K	31-Mar, 01:43
	4-6km NNE	Recorded	9	Projectile	E to W	N/K	31-Mar, 02:01
	4-6km N	Recorded	5	Projectile	E to W	N/K	31-Mar, 02:41
	4-6km NNE	Recorded	2	Projectile	E to W	N/K	31-Mar, 02:47
	4-6km N	Recorded	1	Burst	E to W	N/K	31-Mar, 02:50
	4-6km N	Recorded	2	Projectile	E to W	N/K	31-Mar, 03:22
	4-6km N	Recorded	3	Projectile	E to W	N/K	31-Mar, 03:24
	4-6km N	Recorded	1	Projectile	W to E	N/K	31-Mar, 03:25
	4-6km N	Recorded	1	Projectile	W to E	N/K	31-Mar, 03:26
	4-6km N	Recorded	3	Projectile	W to E	N/K	31-Mar, 03:27
	4-6km N	Recorded	2	Projectile	W to E	N/K	31-Mar, 03:28
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 03:29
	4-6km NNE	Recorded	1	Projectile	E to W	N/K	31-Mar, 03:32
	4-6km NNE	Recorded	1	Projectile	E to W	N/K	31-Mar, 03:33
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 03:34
	4-6km NNE	Recorded	6	Projectile	E to W	N/K	31-Mar, 03:36
	4-6km N	Recorded	1	Explosion	Undetermined	N/K	31-Mar, 03:41
	4-6km NNE	Recorded	1	Projectile	W to E	N/K	31-Mar, 03:42
	4-6km NNE	Recorded	5	Projectile	E to W	N/K	31-Mar, 03:50
	4-6km NNE	Recorded	4	Projectile	E to W	N/K	31-Mar, 03:51
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-5km ENE	Recorded	1	Explosion	Undetermined	N/K	30-Mar, 19:24
	2-5km WSW	Recorded	3	Explosion	Undetermined	N/K	30-Mar, 19:36
	2-4km WSW	Recorded	1	Projectile	NNE to SSW	N/K	30-Mar, 19:45
	2-4km WSW	Recorded	1	Projectile	NNE to SSW	N/K	30-Mar, 19:46
	2-4km W	Recorded	1	Projectile	NNE to SSW	N/K	30-Mar, 23:24
Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-2km W	Heard	6	Shot		Small arms	31-Mar, 10:00
	2km W	Heard	3	Shot		Small arms	31-Mar, 10:09
	2km W	Heard	1	Explosion	Undetermined	N/K	31-Mar, 10:32
	2-3km W	Heard	43	Burst		HMG	31-Mar, 10:47-10:51
	2-3km NNW	Heard	4	Burst		HMG	31-Mar, 10:52
	1-2km NNW	Heard	7	Burst		HMG	31-Mar, 11:01
	2km W	Heard	20	Burst		HMG	31-Mar, 12:27-12:29
	2km W	Heard	6	Shot		Small arms	31-Mar, 12:27-12:29
	2km W	Heard	3	Explosion	Undetermined	N/K	31-Mar, 12:27-12:29
	2km W	Heard	40	Burst		HMG	31-Mar, 12:30-12:40
	2km W	Heard	5	Explosion	Undetermined	N/K	31-Mar, 12:30-12:40
	2km W	Heard	7	Explosion	Undetermined	N/K	31-Mar, 12:41-12:50
2km W	Heard	4	Burst		HMG	31-Mar, 12:51	

	2km NW	Heard	3	Shot		Small arms	31-Mar, 13:24
	2km NW	Heard	4	Shot		Small arms	31-Mar, 13:56
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2km WSW	Heard	4	Explosion	Undetermined	N/K	31-Mar, 09:48
	2km WSW	Heard and saw	1	Explosion	Undetermined	N/K	31-Mar, 09:48
	2km WSW	Heard	3	Burst		HMG	31-Mar, 09:48
	2-3km WSW	Heard	27	Burst		HMG	31-Mar, 14:46-14:56
	2-3km WSW	Heard	2	Explosion	Undetermined	N/K	31-Mar, 14:46-14:56
	2-3km WSW	Heard and saw	1	Explosion	Undetermined	N/K	31-Mar, 14:46-14:56
About 2km SE Molodetske (non-government-controlled, 50km E of Donetsk)	600-700m SE	Heard	30	Shot		Small arms	31-Mar, 12:35
Horlivka (non-government-controlled, 39km NE of Donetsk)	3-5km W	Heard	1	Explosion	Undetermined	N/K	30-Mar, 17:41
	3-5km W	Heard	1	Explosion	Undetermined	N/K	30-Mar, 18:05
	3-5km W	Heard	6	Burst		Small arms	30-Mar, 18:35
	3-5km W	Heard	5	Shot		Small arms	30-Mar, 18:35
	3-6km WNW	Heard	11	Explosion	Undetermined	N/K	30-Mar, 19:00-19:50
	3-6km WNW	Heard	85	Burst		Small arms	30-Mar, 19:00-19:50
	3-6km WNW	Heard	85	Burst		HMG	30-Mar, 19:00-19:50
	3-6km NNW	Heard	8	Explosion	Undetermined	N/K	30-Mar, 20:00-20:15
	3-6km WNW	Heard	2	Burst		HMG	30-Mar, 20:25
	3-6km WNW	Heard	4	Shot		Anti-aircraft gun (type N/K)	30-Mar, 20:30
	3-6km WNW	Heard	5	Explosion	Undetermined	N/K	30-Mar, 20:35-20:37
	3-6km WNW	Heard		Shots and bursts	Uncountable	Small arms and HMG	30-Mar, 20:35-20:37
	3-6km WNW	Heard	15	Burst		HMG	30-Mar, 20:38
	3-6km WNW	Heard	5	Explosion	Undetermined	N/K	30-Mar, 20:38
	3-6km WNW	Heard	3	Burst		HMG	30-Mar, 21:23
3-6km WNW	Heard	1	Burst		HMG	30-Mar, 21:26	
About 6km N of Horlivka (non-government-controlled, 39km NE of Donetsk)	3-5km W	Heard	1	Explosion	Undetermined	N/K	31-Mar, 10:40
	4-6km N	Heard	1	Explosion	Undetermined	N/K	31-Mar, 11:44
	4-6km N	Heard	1	Explosion	Undetermined	N/K	31-Mar, 11:48
	3-4km W	Heard	2	Explosion	Undetermined	N/K	31-Mar, 12:10
	5-6km SW	Heard	1	Explosion	Undetermined	N/K	31-Mar, 12:15
	5-7km SW	Heard	1	Explosion	Undetermined	N/K	31-Mar, 14:28
	3-5km W	Heard	1	Explosion	Undetermined	N/K	31-Mar, 15:00
	5-7km SW	Heard	5	Explosion	Undetermined	N/K	31-Mar, 15:40-15:45
About 3km NNE of Hnutove (government-controlled, 90km S of Donetsk)	3km E	Heard	3	Burst		Small arms	31-Mar, 11:52
About 2km E of Bohdanivka (government-	2-3km NW	Heard	21	Shot	Assessed as outside the disengagement area	Small arms	31-Mar, 13:58-14:00

controlled, 41km SW of Donetsk)							
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	5km SW	Heard	9	Explosion	Undetermined	N/K	31-Mar, 09:47
	5km SW	Heard	5	Explosion	Undetermined	N/K	31-Mar, 10:03-10:07
	5km S	Heard	2	Explosion	Undetermined	N/K	31-Mar, 14:50
About 2.5km SE of Avdiivka (government-controlled, 17km N of Donetsk)	3-4km SE	Heard	1	Explosion	Undetermined	N/K	31-Mar, 09:45
	2-3km E	Heard	1	Explosion	Undetermined	N/K	31-Mar, 10:32
	3-4km E	Heard	1	Explosion	Undetermined	N/K	31-Mar, 11:50
Maiorsk (government-controlled, 45km NE of Donetsk)	3-5km SW	Heard	1	Explosion	Undetermined	N/K	31-Mar, 10:41
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	31-Mar, 12:09
	3-5km SSW	Heard	6	Explosion	Undetermined	N/K	31-Mar, 13:03-13:09
	3-5km SSW	Heard	55	Burst		HMG	31-Mar, 13:03-13:09
	1-2km SW	Heard	15	Burst		Small arms	31-Mar, 13:14-13:16
Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-4km SE	Heard	2	Explosion	Undetermined	N/K	30-Mar, 19:25-19:26
	2-3km SE	Heard	3	Burst	Undetermined	HMG	30-Mar, 19:26-19:28
	2-3km SE	Heard	11	Burst	Undetermined	HMG	30-Mar, 19:28-19:29
	2-3km SE	Heard	27	Shot and burst	Undetermined	N/K	30-Mar, 19:29-19:31
	3-4km SE	Heard	5	Explosion	Undetermined	N/K	30-Mar, 19:37-19:39
	2-3km SE	Heard	35	Shot and burst	Undetermined	N/K	30-Mar, 19:40-19:47
	3-4km SE	Heard	1	Explosion	Undetermined	N/K	30-Mar, 21:31
	3-4km SE	Heard	1	Explosion	Undetermined	N/K	30-Mar, 22:08
	2-3km SE	Heard	6	Shots and burst	Undetermined	N/K	30-Mar, 22:08-22:09
	3-4km SE	Heard	2	Explosion	Undetermined	N/K	30-Mar, 23:27-23:28
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	2-3km ESE	Recorded	1	Explosion	Undetermined	N/K	30-Mar, 18:56
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-3km E	Recorded	1	Projectile	In vertical flight (assessed as outside the disengagement area)	N/K	30-Mar, 19:29
	2-3km E	Recorded	4	Projectile	SW to NE (assessed as outside the disengagement area)	N/K	30-Mar, 19:29
	2-3km E	Recorded	5	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	30-Mar, 19:32
	2-3km ENE	Recorded	5	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	30-Mar, 23:28
	2-3km ENE	Recorded	1	Illumination flare	In vertical flight (assessed as outside the disengagement area)	N/K	30-Mar, 23:35

S edge of Krasnyi Lyman (non-government-controlled, 30km NW of Luhansk)	7-10km NW	Heard	2	Explosion	Undetermined	N/K	31-Mar, 10:30
	4-5km NW	Heard	11	Shot		N/K	31-Mar, 13:10-13:15
N edge of the Zolote disengagement area (government-controlled, 60km W of Luhansk)	6-10km WSW	Heard	2	Explosion	Undetermined	N/K	31-Mar, 10:50-10:52
Trokhizbenka (government-controlled, 32km NW of Luhansk)	10-12km SSW	Heard	4	Explosion	Undetermined	N/K	31-Mar, 12:02-12:05
S edge of Sloviанoserbsk (non-government-controlled, 28km NW of Luhansk)	10-12km W	Heard	5	Explosion	Undetermined	N/K	31-Mar, 12:02-12:09

Map of Donetsk and Luhansk regions¹⁰



¹⁰The 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).