

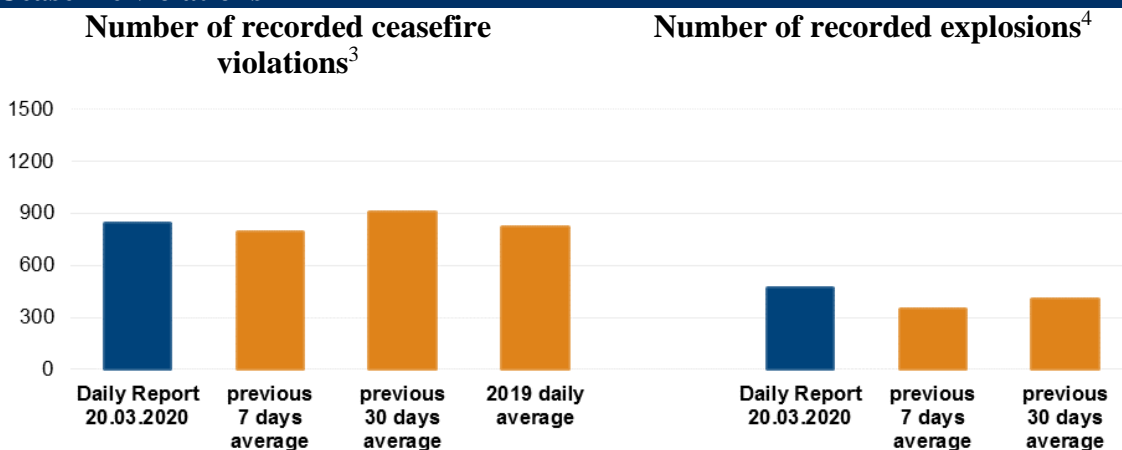
Daily Report 67/2020

20 March 2020¹

Summary

- Compared with the previous reporting period, the SMM recorded more ceasefire violations in both Donetsk and Luhansk regions.
- Small-arms fire was assessed as aimed at an SMM mini-unmanned aerial vehicle near Stepanivka, Luhansk region.
- A man died due to shrapnel injuries in Syhnalne, Donetsk region.
- The Mission continued monitoring the disengagement areas near Stanytsia Luhanska, Zolote and Petrivske. It recorded ceasefire violations inside the disengagement area near Petrivske.
- The SMM saw weapons in violation of withdrawal lines on both sides of the contact line in Luhansk region.
- The Mission continued to observe measures related to the COVID-19 outbreak at checkpoints in both Donetsk and Luhansk regions.
- The SMM facilitated and monitored adherence to localized ceasefires to enable demining activities near Krasnyi Yar and repairs to power lines near Shchastia.
- Restrictions of the SMM's freedom of movement continued, including at a checkpoint of the armed formations in Novoazovsk and at the border crossing point in non-government-controlled Izvaryne. *

Ceasefire violations²



¹ Based on information from the Monitoring Teams as of 19:30, 19 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.

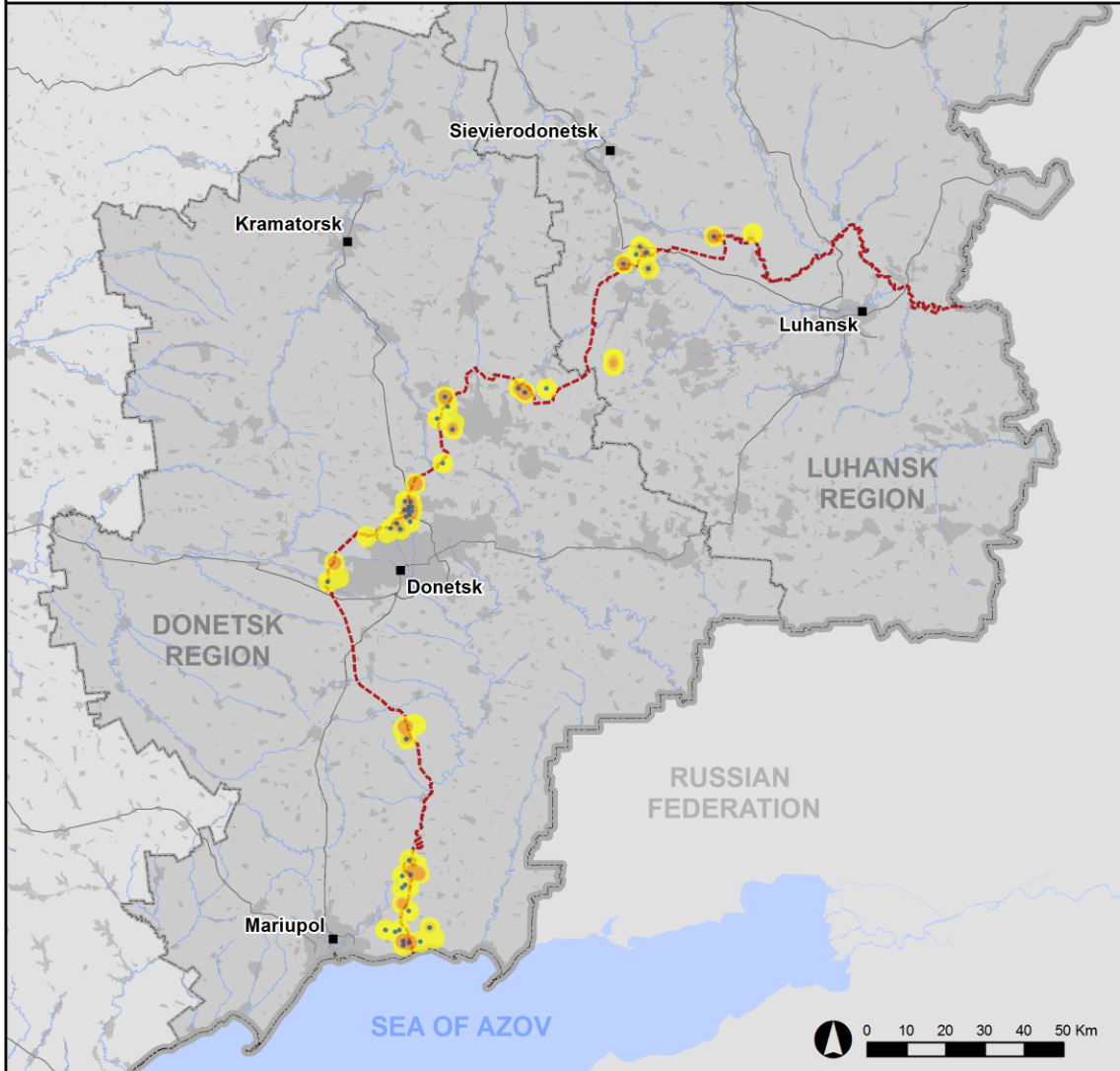
³ Including explosions.

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 19 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: 20/03/2020

In Donetsk region, the SMM recorded more ceasefire violations, including more explosions (about 290), compared with the [previous reporting period](#) (82 explosions). The majority of ceasefire violations, including the majority of explosions, were recorded at northerly directions of Shyrokyne (government-controlled, 100km south of Donetsk), in areas south-east and south-west of Svitlodarsk (government-controlled, 57km north-east of Donetsk) and at south-easterly directions of Chermalyk (government-controlled, 77km south of Donetsk).

In Luhansk region, the SMM recorded more ceasefire violations, including more explosions (about 130), compared with the [previous reporting period](#) (64 explosions). The majority of ceasefire violations, were recorded in areas east, south-west and west of Trokhizbenka (government-controlled, 32km north-west of Luhansk), including 46 undetermined explosions assessed as artillery rounds, and east of the disengagement area near Zolote (government-controlled, 60km west of Luhansk) (see below).

Small-arms fire assessed as aimed at an SMM mini-unmanned aerial vehicle

On 19 March, while conducting a mini-unmanned aerial vehicle (UAV) flight near Stepanivka (non-government-controlled, 62km west of Luhansk), the SMM heard 16 shots of small-arms fire at an assessed range of 2-2.5km south-south-east, assessed as targeting the UAV, which was also flying about 2-2.5km south-south-east of its position. The Mission landed its UAV safely and left the area. *

A man died of shrapnel injuries in Syhnalne

On 16 March, medical staff at the hospital in Dokuchaievsk (non-government-controlled, 30km south-west of Donetsk) told the SMM over the phone that a man (in his eighties) had been admitted in the afternoon of 14 March with shrapnel injuries to his chest and had died later during the day. The son of the deceased man told the SMM that at around 11:00 on 14 March his father had been at his house on Pushkina Street 12 in Syhnalne (non-government-controlled, 23km south-west of Donetsk) when he heard and saw an explosion.

On 17 March, an SMM mid-range UAV spotted damage to the roof of the house of the deceased man on Pushkina Street 12 in Syhnalne (it was unable to assess whether the damage was recent, the weapon type or direction of fire). About 700m further north-east, the UAV spotted eight fresh craters, assessed as impacts from probable (120mm) mortar rounds, within a radius of 50-150m from other residential buildings (for other observations in the area, see [SMM Daily Report of 12 March 2020](#)).

Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske⁵

On 18 March, outside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), an SMM mini-UAV [again](#) spotted an anti-aircraft gun (ZU-23, 23mm) near the Prince Ihor Monument, about 1km south-east of the Stanytsia Luhanska bridge (15km north-east of Luhansk).

On 19 March, inside the disengagement area near Stanytsia Luhanska, the Mission saw 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

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

their checkpoint south of it. In Stanytsia Luhanska, the SMM saw an announcement posted at the bus station saying that from 19 March until 3 April bus services between the settlement and the rest of Luhansk region would be suspended – it also observed that the railway station was closed.

On 19 March, the SMM camera in Zolote recorded 22 projectiles in flight and 34 undetermined explosions, all at an assessed range of 2-3km east. On the same day, while positioned in two locations near the disengagement area, the Mission heard 16 undetermined explosions. All these ceasefire violations were assessed as outside the **disengagement area near Zolote** but within 5km of its periphery. On the same day, near the southern edge of the disengagement area, the SMM saw four de-miners from non-government-controlled areas and four members of the armed formations (wearing armbands with “JCCC” written on them) on road T-1316, reportedly to conduct topographic mapping of the area, on both sides of the road.

On 17 March, inside the **disengagement area near Petrivske** (non-government-controlled, 41km south of Donetsk), aerial imagery available to the SMM revealed a fresh crater, assessed as an impact of an undetermined weapon, about 500m north-north-west of the area’s south-eastern corner, in an area where there were [previously-reported](#) explosions, assessed as impacts.

On the evening and night of 18-19 March, the SMM camera 2km east of Bohdanivka (government-controlled, 41km south-west of Donetsk) recorded 42 projectiles in flight, at an assessed range of 1-3km south-east, assessed as inside the disengagement area near Petrivske. On 19 March, while positioned in two locations near the disengagement area, the SMM heard three shots of automatic-grenade-launcher and small-arms fire and 16 undetermined explosions, all 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.

The Mission saw six weapons in violation of withdrawal lines in Luhansk region: one in government-controlled- and five in non-government-controlled areas (for further details, see the table below). It also saw 44 weapons beyond withdrawal lines in government-controlled areas of Luhansk and Donetsk regions and four in non-government-controlled areas of Luhansk region.

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).

On 19 March, at two positions, about 3km east of and in Vesela Hora (non-government-controlled, 16km north of Luhansk), the SMM saw a total of 30 members of the armed formations, four of whom were wearing armbands with “JCCC” written on them, all fortifying trenches and positions with sandbags and ammunition boxes.

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

On the same day, about 1km east of Kruta Balka (non-government-controlled, 16km north of Donetsk), the SMM heard a non-SMM UAV (assessed as a mini quadcopter) flying about 200-300m north-east of its position. In Marinka (government-controlled, 23km south-west of Donetsk), the SMM saw a non-SMM white UAV (assessed as a mini quadcopter) flying in a north-westerly direction at an altitude of about 100m above its position.

Anti-tank mines near Luhanske, Rozsadky and Lohvynove

On 17 March, about 4km south-east of Luhanske (government-controlled, 59km north-east of Donetsk), an SMM mini-UAV again spotted 49 anti-tank mines (TM-62), including two for the first time, laid across road M-03. All these mines were assessed as belonging to the Ukrainian Armed Forces. About 2km south-east of Luhanske, the UAV also spotted concertina wire – with a probable mine hazard sign on it – stretched across most of the width of road M-03.

The same day, about 4km south-west of Rozsadky (62km north-west of Donetsk), an SMM mini-UAV again spotted 40 anti-tank mines (TM-62), laid across and alongside road M-03. About 1km south-west of the aforementioned mines and 3km north-west of Lohvynove (non-government-controlled, 59km north-east of Donetsk), an SMM mini-UAV spotted 126 anti-tank mines, including 30 for the first time, across road M-03. All the aforementioned mines were assessed as belonging to the armed formations.

On 18 March, about 1km south of Kruta Balka and 2km north-east from the junction between roads H-21 and M-04, an SMM long-range UAV [again](#) spotted at least a total of 20 artillery rounds in four different holes on both sides of the carriageway of road M-04. The SMM assessed the rounds as part of an improvised explosive device.

The same day, an SMM mini-UAV spotted for the first time unexploded ordnance (UXO), assessed as five launcher tubes from anti-tank guided missile systems (9K113 *Konkurs*, 135mm) in a trench near Prince Ihor Monument, about 1km south-east of the Stanytsia Luhanska bridge.

Border areas outside government control

On 18 March, about 3km east of Cheremshyne (59km south-east of Luhansk) and about 400m west from the border, an SMM long-range UAV spotted multiple tracks across an uncultivated field leading towards the border, in an area where there are no crossing facilities.

On 19 March, about 2km east of Kosharne (61km south-east of Donetsk) and about 500m south-east of Ulianivske (61km south-east of Donetsk), the SMM observed fresh tracks of heavy wheeled vehicles on dirt roads leading towards the border, in an area where there are no crossing facilities. On the same day, while at a border crossing point near Ulianivske for about 15 minutes, the SMM observed no traffic in either direction.

At a border crossing point in Izvaryne (52km south-east of Luhansk), the SMM saw that the number of vehicles and pedestrians travelling through the border crossing point was very low, compared with the average numbers observed before 17 March. It saw three women (in their forties) entering Ukraine, as well as four cargo trucks (two with Russian Federation licence plates and two with “LPR” plates) and four pedestrians (one woman and three men,

30-50 years old) exiting Ukraine. About ten minutes upon arrival, a member of the armed formations told the SMM to leave the area.*

While at the border crossing point near Marynivka (78km east of Donetsk) for an hour, the SMM saw six vehicles (four with Russian Federation licence plates and two with “DPR” plates), a covered cargo truck with Ukrainian licence plates, and six pedestrians (three women and three men, 30-50 years old) entering Ukraine. It also saw six vehicles (four with Russian Federation licence plates and two with “DPR” plates), five covered cargo trucks (three with Ukrainian licence plates and two with “DPR” plates) and six pedestrians (five men of mixed ages and a woman in her forties) exiting Ukraine. The Mission saw four vehicles marked “MChS”, including a truck with building materials and a civilian vehicle marked as a “sanitary vehicle”, arrive and stop in the area of the border crossing point. It also saw eight people (five men and three women) wearing clothes marked with “MChS” laying support material next to the border crossing facility.

While at a border crossing point near Uspenka (73km south-east of Donetsk) for about 60 minutes, the SMM saw six cars (five with Russian Federation licence plates and one with “DPR” plates), a bus with Russian Federation licence plates and three pedestrians (two women and a man) entering Ukraine. It also saw seven cars with Russian Federation licence plates and 17 pedestrians (seven women and six men, including four children, mixed ages) exiting Ukraine. The Mission also saw 67 covered cargo trucks (28 with Ukrainian, one with Russian Federation, 15 with Belarussian and one with Lithuanian licence plates, as well as 22 with “DPR” plates) queuing to exit Ukraine. The SMM saw that a new tent had been set up near the border crossing point, reportedly as a temporary health point.

Preventive 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). It also 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. While present at the Stanytsia Luhanska EECP, the SMM saw seven people queuing to travel towards government-controlled-areas.

On 19 March, at the EECP near Marinka, the SMM saw about 20 people (mixed genders and ages), including a man (in his sixties) in a wheelchair queuing to enter government-controlled areas and no civilian vehicle.

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 Shchastia (government-controlled, 20km north 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 Siverskyi Donetsk river, where the SMM heard three explosions, assessed as a controlled detonation. It also facilitated and monitored adherence to a localized ceasefire to enable a funeral procession in Chermalyk, due to the proximity of the cemetery to the contact line.

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

locations near the DFS, the SMM heard 27 undetermined explosions within a 2km radius from the DFS.

The Mission continued monitoring in Kherson, 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, 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 below). The SMM's operations in Donetsk and Luhansk regions remain restricted following [the fatal incident of 23 April 2017 near Pryshyb](#); these restrictions continued to limit the Mission's observations.

Denial of access:

- At a border crossing point in Izvaryne (non-government-controlled, 52km south-east of Luhansk), a member of the armed formations told the SMM to leave the area.
- At a checkpoint at the northern entrance of Novoazovsk (non-government-controlled, 102km south-east of Donetsk), three armed members of the armed formations [again](#) denied the SMM passage to the settlement, citing “orders from their 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.

Delay:

- At a checkpoint west of Verkhnohshyrokiivske (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:

- An SMM mini-UAV experienced signal interference, assessed as caused by probable jamming while flying over areas near Zernove (non-government-controlled, 33km south of Donetsk) and Kamianka (government-controlled, 65km south of Donetsk).⁷

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

- An SMM mid-range UAV experienced signal interference, assessed as caused by probable jamming, while flying over areas near Lebedynske (government-controlled, 99km south of Donetsk).⁷
- While conducting a mini-UAV flight near Stepanivka (non-government-controlled, 62km west of Luhansk), the SMM heard 16 shots of small-arms fire assessed as directed at its UAV (see above).

Table of weapons

Weapons in violation of the withdrawal lines

Date	No. of weapons	Type of weapon	Location	Source of observation
Government-controlled areas				
17/03/2020	1	Tank (type undetermined)	In Zolote (60km west of Luhansk)	Aerial imagery
Non-government-controlled areas				
17/03/2020	4	Towed howitzer (D-30 <i>Lyagushka</i> , 122mm)	About 3km north-east of Luhansk city	Mini-UAV
	1	Surface-to-air missile system (9K35 <i>Strela-10</i>)		

Weapons beyond withdrawal lines

Date	No. of weapons	Type of weapon	Location	Source of observation
Government-controlled areas				
18/03/2020	12	Mortar (2S9 <i>Nona-S</i> , 120)	At the railway station in Rubizhne (84km north-west of Luhansk)	Mini-UAV
	5	Surface-to-air missile system (9K35 <i>Strela-10</i>)		
	6	Self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm)		
19/03/2020	17	Self-propelled howitzer (eight 2S1 <i>Gvozdika</i> , 122mm and nine 2S3 <i>Akatsiya</i> , 152mm)	At the railway station in Sloviansk (95km north of Donetsk)	Patrol
	1	Self-propelled anti-aircraft system (2K22 <i>Tunguska</i>)	At the railway station in Bakhmut (formerly Artemivsk, 67km north of Donetsk). In the same area the SMM also saw about 30 armoured combat vehicles. ⁸	
	3	Towed mortars (2B9 <i>Vasilek</i> , 82mm)	At the railway station in Kostiantynivka (60km north of Donetsk)	
Non-government-controlled areas				
19/03/2020	4	Tanks (T-64)	In a training area in Kruhlyk (31km south-west of Luhansk)	Patrol

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

Date	No.	Type	Location	Source of observation
Government-controlled areas				
17/03/2020	3	Armoured combat vehicle	In Zolote-3/Stakhanovets (62km west of Luhansk)	Satellite imagery
	2	Infantry fighting vehicle (one BMP-1 and one probable)	Near Luhanske (59km north-east of Donetsk)	Mini-UAV
	1	Probable armoured personnel carrier (MT-LB)		

⁸ Infantry fighting vehicles mentioned in this section are not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

⁹ 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)	Near Veselohorivka (64km west of Luhansk)	Mid-range UAV
18/03/2020	1	Infantry fighting vehicle (BMP-1)	Near Berezove (31km south-west of Donetsk)	Long-range UAV
	2	Infantry fighting vehicle (BTR-3)	In Stanytsia Luhanska (16km north-east of Luhansk)	Mini-UAV
	3	Infantry fighting vehicle (BMP-1)	Near Starohnativka (51km south of Donetsk)	
19/03/2020	1	Armoured personnel carrier (type undetermined)	In a residential area of Orlivka (22km north-west of Donetsk)	Patrol
	4	Infantry fighting vehicle (BTR-3)		
Non-government-controlled areas				
18/03/2020	2	Infantry fighting vehicle (BMP-1)	Near Kalmiuske (formerly Komsomolske, 42km south-east of Donetsk)	Long-Range UAV
	1	Anti-aircraft gun (ZU-23, 23mm)	Near Prince Ihor Monument, about 1km SE of Stanytsia Luhanska bridge (15km north-east of Luhansk)	Mini-UAV
	1	Recoilless gun (SPG-9 <i>Kopye</i> , 73mm)		

Table of ceasefire violations as of 19 March 2020¹⁰

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	5-7km SE	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 23:59
	2-4km ESE	Recorded	3	Explosion	Undetermined	N/K	19-Mar, 01:06
	2-4km ESE	Recorded	4	Explosion	Undetermined	N/K	19-Mar, 01:09
	2-4km ESE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 02:08
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 02:37
	3-5km ESE	Recorded	2	Explosion	Undetermined	N/K	19-Mar, 02:53
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 02:54
SMM camera 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	1-3km SE	Recorded	15	Projectile	SSW to NNE (assessed as inside the disengagement area)	N/K	18-Mar, 19:44
	1-3km SE	Recorded	8	Projectile	SSW to NNE (assessed as inside the disengagement area)	N/K	18-Mar, 21:49
	1-3km SE	Recorded	8	Projectile	SSW to NNE (assessed as inside the disengagement area)	N/K	19-Mar, 01:31
	1-3km SE	Recorded	11	Projectile	SSW to NNE (assessed as inside the disengagement area)	N/K	19-Mar, 04:04
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-4km SE	Recorded	10	Projectile	SW to NE	N/K	18-Mar, 20:31
	4-6km SE	Recorded	35	Projectile	In vertical flight	N/K	18-Mar, 20:47
	2-4km SSE	Recorded	10	Projectile	NE to SW	N/K	18-Mar, 21:19
	3-5km SSE	Recorded	8	Projectile	NNE to SSW	N/K	18-Mar, 22:46
	3-5km SSE	Recorded	1	Explosion	Impact, subsequent to previous event	N/K	18-Mar, 22:46
	2-4km SSE	Recorded	2	Projectile	NNE to SSW	N/K	18-Mar, 23:55
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	2-4km ESE	Recorded	2	Projectile	NNE to SSW	N/K	19-Mar, 00:52
	0.8-1.5km SSW	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 22:54
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	0.8-1.5km SSE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 00:40
	2-4km SE	Recorded	8	Projectile	NNW to SSE	N/K	19-Mar, 04:15
	2-4km SE	Recorded	13	Projectile	NNW to SSE	N/K	19-Mar, 04:16
SMM camera at entry-exit checkpoint in Hnutove			4				
	2-4km SE	Recorded		Projectile	NNW to SSE	N/K	19-Mar, 04:26
	1-3km E	Recorded	4	Projectile	N to S	N/K	18-Mar, 20:17
SMM camera at entry-exit checkpoint in Hnutove	1-3km ENE	Recorded	2	Projectile	N to S	N/K	18-Mar, 23:55
	1-3km E	Recorded	2	Projectile	N to S	N/K	19-Mar, 00:52

¹⁰ 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.

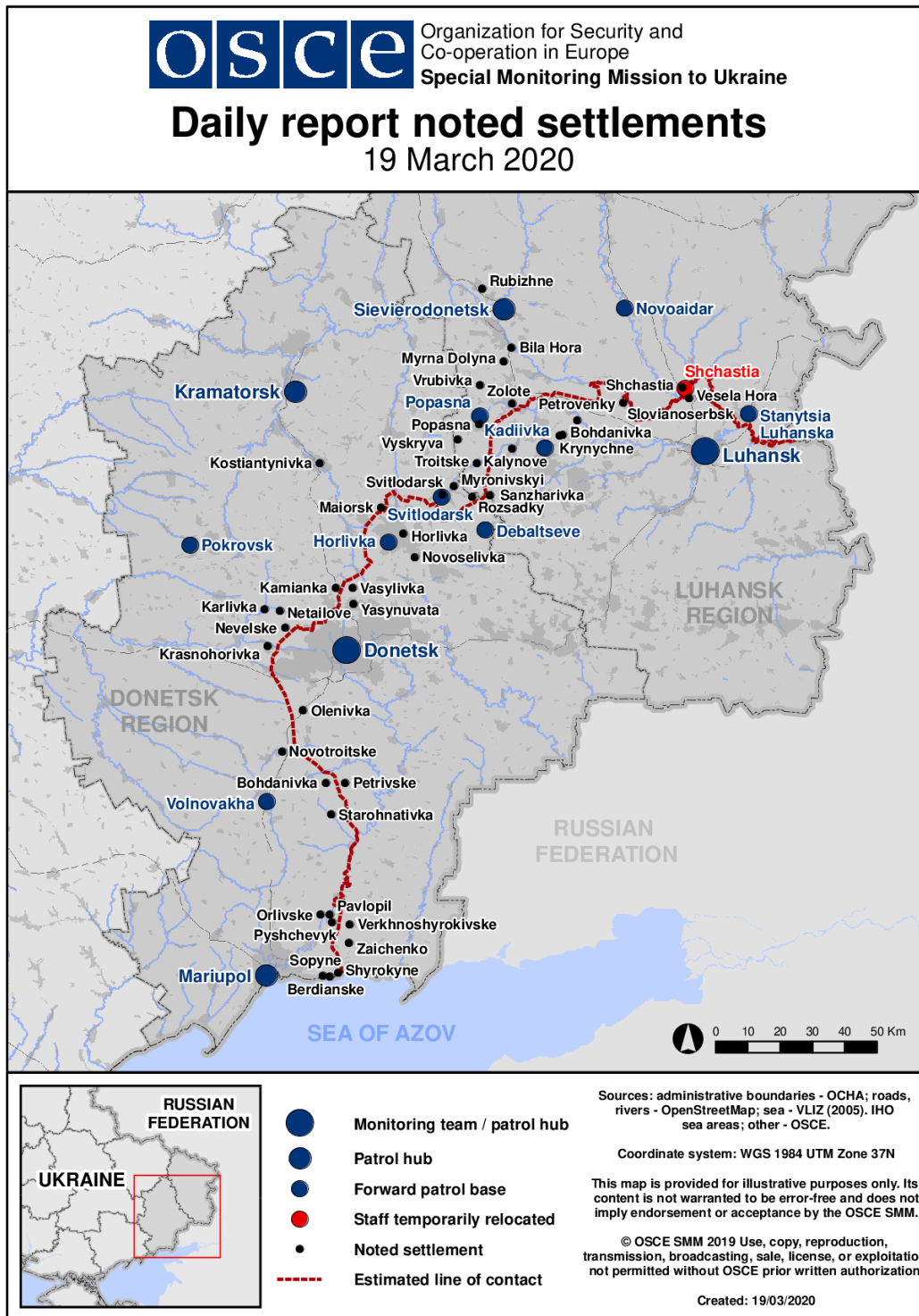
(government-controlled, 84km S of Donetsk)							
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	4-6km SE	Recorded	2	Projectile	SW to NE	N/K	18-Mar, 19:21
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	2-4km NNE	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 22:49
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	3-5km W	Recorded	4	Projectile	N to S	N/K	18-Mar, 22:57
	3-5km W	Recorded	3	Projectile	N to S	N/K	18-Mar, 23:00
	4-6km NE	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 20:46
	4-6km ENE	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 22:27
	4-6km ENE	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 22:32
	4-6km ENE	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 22:34
	4-6km ENE	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 22:35
	4-6km ENE	Recorded	2	Explosion	Undetermined	N/K	18-Mar, 22:36
	4-6km ENE	Recorded	2	Explosion	Undetermined	N/K	18-Mar, 22:37
	4-6km ENE	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 22:38
	4-6km ENE	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 22:41
	1-2km NE	Recorded	3	Projectile	SSE to NNW	N/K	18-Mar, 23:08
	4-6km NE	Recorded	2	Explosion	Undetermined	N/K	18-Mar, 23:25
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 00:01
	2-4km NE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 00:02
	4-6km NE	Recorded	1	Explosion	Airburst	N/K	19-Mar, 01:22
	4-6km NE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 01:50
	4-6km NE	Recorded	3	Explosion	Undetermined	N/K	19-Mar, 01:52
	4-6km NE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 02:10
	4-6km NE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 02:36
4-6km NE	Recorded	1	Explosion	Undetermined	N/K	19-Mar, 02:55	
SMM camera in Petrivske (non-government-controlled, 41km S of Donetsk)	1-2km SSW	Recorded	1	Projectile	ESE to WNW (assessed as inside the disengagement area)	N/K	18-Mar, 21:07
	0.5-2km SSW	Recorded	3	Projectile	E to W (assessed as inside the disengagement area)	N/K	19-Mar, 04:18
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	2-4km N	Recorded	1	Projectile	ESE to WNW	N/K	18-Mar, 19:17
	2-4km N	Recorded	1	Projectile	ENE to WSW	N/K	18-Mar, 19:29
	2-4km N	Recorded	1	Explosion	Airburst, subsequent to previous event	N/K	18-Mar, 19:29
	3-5km N	Recorded	3	Projectile	E to W	N/K	18-Mar, 19:38
	3-5km N	Recorded	3	Projectile	E to W	N/K	18-Mar, 19:45
	3-5km NNE	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 20:58
	3-5km N	Recorded	4	Projectile	E to W	N/K	18-Mar, 21:06
	3-5km NNE	Recorded	1	Explosion	Undetermined	N/K	18-Mar, 21:45
	3-5km N	Recorded	1	Illumination flare	In vertical flight	N/K	18-Mar, 21:51
	3-5km N	Recorded	2	Projectile	SE to NW	N/K	18-Mar, 22:06
	3-5km N	Recorded	1	Projectile	SE to NW	N/K	18-Mar, 22:19
	3-5km N	Recorded	2	Explosion	Undetermined	N/K	18-Mar, 22:26
	3-5km N	Recorded	2	Projectile	ESE to WNW	N/K	19-Mar, 00:10
	3-5km N	Recorded	2	Projectile	ESE to WNW	N/K	19-Mar, 00:11
	3-5km N	Recorded	1	Projectile	ESE to WNW	N/K	19-Mar, 00:15

	3-5km N	Recorded	1	Projectile	SE to NW	N/K	19-Mar, 00:22
	2-4km N	Recorded	1	Projectile	ESE to WNW	N/K	19-Mar, 01:23
	3-5km N	Recorded	2	Projectile	ESE to WNW	N/K	19-Mar, 02:26
	3-5km N	Recorded	11	Projectile	ESE to WNW	N/K	19-Mar, 02:46
	3-5km N	Recorded	2	Projectile	SE to NW	N/K	19-Mar, 02:51
	3-5km N	Recorded	4	Projectile	ESE to WNW	N/K	19-Mar, 03:05
	3-5km N	Recorded	8	Projectile	E to W	N/K	19-Mar, 18:38
	3-5km N	Recorded	3	Muzzle flash		N/K	19-Mar, 18:41
	3-5km NNE	Recorded	33	Muzzle flash		N/K	19-Mar, 18:44
	3-5km NNE	Recorded	26	Muzzle flash		N/K	19-Mar, 18:45
	3-5km N	Recorded	4	Explosion	Undetermined	N/K	19-Mar, 18:45
About 2.5km SE of Avdiivka (government-controlled, 17km N of Donetsk)	3-4km SE	Heard	2	Explosion	Undetermined	N/K	19-Mar, 09:19
	3-4km SE	Heard	21	Explosion	Undetermined	N/K	19-Mar, 10:45-10:55
	3-4km SE	Heard	4	Explosion	Undetermined	N/K	19-Mar, 13:14-13:19
About 1km NW of railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km SW	Heard	1	Explosion	Undetermined	N/K	19-Mar, 12:11
	2-3km SW	Heard	3	Explosion	Undetermined	N/K	19-Mar, 12:50-12:53
	2-3km SW	Heard	2	Explosion	Undetermined	N/K	19-Mar, 13:02
	4-5km SW	Heard	5	Explosion	Undetermined	N/K	19-Mar, 13:12-13:17
	N/A	Heard		Burst	Uncountable	HMG	19-Mar, 12:10-12:13
About 1km E of Kruta Balka (non-government-controlled, 16km N of Donetsk)	2-3km WSW	Heard	10	Explosion	Undetermined	N/K	19-Mar, 10:45
	2-3km WSW	Heard	11	Explosion	Undetermined	N/K	19-Mar, 10:49
E part of Krasnohorivka (government-controlled, 21km W of Donetsk)	2-3km SE	Heard	35	Burst		HMG	19-Mar, 11:30
About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	2-3km S	Heard	1	Shot	Assessed as outside of the disengagement area	Small arms	19-Mar, 12:21
	2-3km SSE	Heard	2	Shot	Assessed as outside of the disengagement area	AGL	19-Mar, 12:15
About 2km E of Bohdanivka (government-controlled, 41km SW of Donetsk)	4-6km SSE	Heard	16	Explosion	Assessed as outside of the disengagement area	N/K	19-Mar, 12:50
	N/K NNE	Heard	2	Explosion	Undetermined	N/K	19-Mar, 12:30
About 3km SE of Lomakyne (government-controlled, 93km S of Donetsk)	N/K NNE	Heard	2	Explosion	Undetermined	N/K	19-Mar, 12:38
	3-4km E	Heard	1	Explosion	Undetermined	N/K	19-Mar, 12:38
	N/K	Heard	2	Explosion	Undetermined	N/K	19-Mar, 12:55
About 2.5km SE of Lomakyne (government-controlled, 93km S of Donetsk)	3-4km E	Heard	1	Explosion	Undetermined	N/K	19-Mar, 14:03
About 2km NE of Chernenko (government-controlled, 86km S of Donetsk)	3km NE	Heard	1	Explosion	Impact	N/K	19-Mar, 12:55
	3-5km NE	Heard	1	Explosion	Undetermined	N/K	19-Mar, 12:55
	5-6km SE	Heard	1	Explosion	Undetermined	N/K	19-Mar, 13:34
	5-6km NNE	Heard	1	Explosion	Undetermined	N/K	19-Mar, 13:34
E of Chermalyk (government-	N/K N	Heard	1	Explosion		N/K	19-Mar, 12:54

controlled, 77km S of Donetsk)							
W of Bezimenne (non-government-controlled, 100km S of Donetsk)	5-7km NNW	Heard	4	Explosion	Undetermined	N/K	19-Mar, 12:16-12:22
	2-4km NNW	Heard	2	Shot		Small arms	19-Mar, 12:16-12:22
	5-7km NNW	Heard	3	Explosion	Undetermined	N/K	19-Mar, 12:30
	5-7km NNW	Heard	1	Explosion	Undetermined	N/K	19-Mar, 12:56
	5-7km NNW	Heard	2	Explosion	Undetermined	N/K	19-Mar, 13:18
	5-7km NNW	Heard	2	Explosion	Undetermined	N/K	19-Mar, 13:30
	5-7km NNW	Heard	1	Explosion	Undetermined	N/K	19-Mar, 14:08
	4-6km WNW	Heard	2	Explosion	Undetermined	N/K	19-Mar, 14:48-14:53
Horlivka (non-government-controlled, 39km NE of Donetsk)	3-5km W	Heard	3	Burst		HMG	19-Mar, 00:34
	3-5km W	Heard	2	Burst		HMG	19-Mar, 00:45
	3-5km WNW	Heard	3	Burst		HMG	19-Mar, 01:12
	3-5km W	Heard	4	Burst		HMG	19-Mar, 05:07
	3-5km W	Heard	1	Explosion	Undetermined	N/K	19-Mar, 05:17
	3-5km W	Heard	3	Burst		HMG	19-Mar, 05:21
	3-5km WNW	Heard	2	Burst		HMG	19-Mar, 05:36
	3-5km W	Heard	3	Burst		HMG	19-Mar, 05:56
	3-5km W	Heard	4	Burst		HMG	19-Mar, 06:23
About 6km NW of Horlivka (non-government-controlled, 39km NE of Donetsk)	3-4km NW	Heard	2	Explosion	Undetermined	N/K	19-Mar, 11:10
			4				
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	3-4km NW	Heard		Burst		HMG	19-Mar, 11:10
	2-3km E	Heard	23	Burst		HMG	19-Mar, 10:35
	2-3km E	Heard	24	Burst		HMG	19-Mar, 10:40
	2-3km E	Heard	9	Burst		HMG	19-Mar, 11:14
Troitske (government-controlled, 30km N of Donetsk)	4-5km S	Heard	6	Explosion	Undetermined	N/K	19-Mar, 13:23
	5-7km SE	Heard	2	Explosion	Undetermined	N/K	19-Mar, 10:31-10:33
About 2km SE of Yurivka (government-controlled, 35km N of Donetsk)	3-5km NE	Heard	1	Explosion	Undetermined	N/K	19-Mar, 12:17
	3-5km NE	Heard	1	Explosion	Undetermined	N/K	19-Mar, 12:23
About 2km SW of Zalizne (formerly Artemove, government-controlled, 42km NE of Donetsk)	3-5km ENE	Heard	27	Explosion	Undetermined	N/K	19-Mar, 13:24-13:45
	3-5km ENE	Heard	14	Explosion	Undetermined	N/K	19-Mar, 13:49-13:55
Svitlodarsk (government-controlled, 57km NE of Donetsk)	4-6km SE	Heard	2	Explosion	Undetermined	N/K	18-Mar, 19:35
	4-6km SSW	Heard	23	Explosion	Undetermined	N/K	18-Mar, 23:04-23:12
	4-6km SSW	Heard	2	Explosion	Undetermined	N/K	18-Mar, 23:13
	4-6km SSW	Heard	17	Explosion	Undetermined	N/K	18-Mar, 23:15-23:21
	4-6km SSW	Heard	9	Explosion	Undetermined	N/K	18-Mar, 23:24-23:28
	4-6km SSW	Heard	7	Explosion	Undetermined	N/K	18-Mar, 23:29-23:33
	4-6km SW	Heard	7	Explosion	Undetermined	N/K	18-Mar, 23:37-23:38
	4-6km SW	Heard	11	Explosion	Undetermined	N/K	18-Mar, 23:41-23:47
	4-6km SW	Heard	5	Explosion	Undetermined	N/K	18-Mar, 23:48-23:50

SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-3km E	Recorded	9	Projectile	N to S (assessed as outside of the disengagement area)	N/K	19-Mar, 18:12
	2-3km E	Recorded	8	Explosion	Airburst (assessed as outside of the disengagement area)	N/K	19-Mar, 18:12
	2-3km E	Recorded	8	Projectile	N to S (assessed as outside of the disengagement area)	N/K	19-Mar, 18:13
	2-3km E	Recorded	12	Explosion	Airburst (assessed as outside of the disengagement area)	N/K	19-Mar, 18:13
	2-3km E	Recorded	5	Projectile	N to S (assessed as outside of the disengagement area)	N/K	19-Mar, 18:14
	2-3km E	Recorded	12	Explosion	Airburst (assessed as outside of the disengagement area)	N/K	19-Mar, 18:14
	2-3km E	Recorded	2	Explosion	Undetermined (assessed as outside of the disengagement area)	N/K	19-Mar, 18:14
Holubivske (non-government-controlled, 51km W of Luhansk)	2-3km SW	Heard	16	Explosion	Undetermined	N/K	19-Mar, 10:00-10:14
	5-6km NW	Heard	11	Explosion	Undetermined (assessed as outside the Zolote disengagement area)	N/K	19-Mar, 10:00-10:14
3km N of Pervomaisk (non-government-controlled, 58km W of Luhansk)	7-10km NE	Heard	5	Explosion		N/K	19-Mar, 10:15-10:17
	8-10km NE	Heard	9	Explosion		N/K	19-Mar, 13:30-13:42
NE edge of Holubivka (former Kirovsk, non-government-controlled, 51km W of Luhansk)	8-9km NW	Heard	5	Explosion	Undetermined (assessed as outside the Zolote disengagement area)	N/K	19-Mar, 10:25-10:28
Trokhizbenka (government-controlled, 32km NW of Luhansk)	1km E	Heard	1	Shot		Small arms	19-Mar, 11:00
SW edge of Trokhizbenka (government-controlled, 32km NW of Luhansk)	7-10km W	Heard	46	Explosion	Undetermined	Artillery (type N/K)	19-Mar, 11:38-12:26
About 2km NW of Stepanivka (non-government-controlled, 62km W of Luhansk)	2-2.5km SSE	Heard	14	Shot		HMG	19-Mar, 12:15
	0.8-1.2km ESE	Heard	10	Shot		Small arms	19-Mar, 12:27

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).