

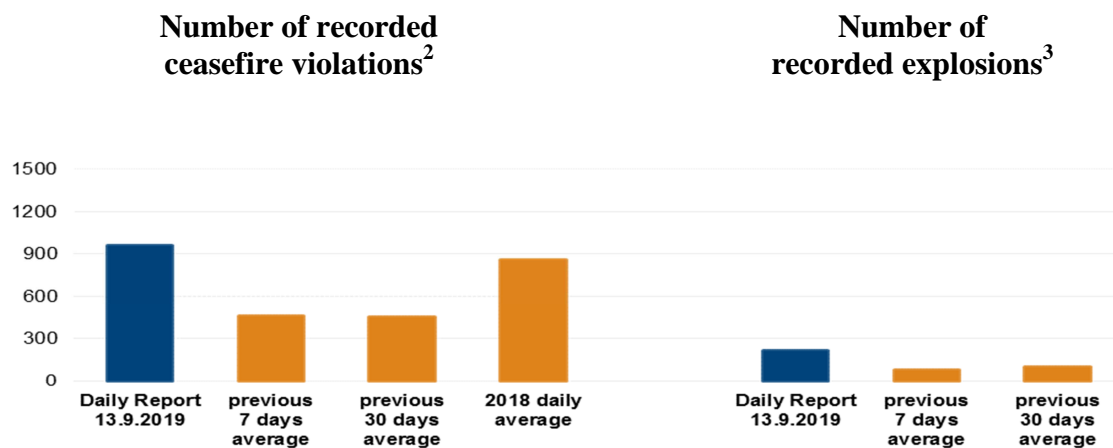
Daily Report 217/2019

13 September 2019¹

Summary

- Compared with the previous reporting period, the SMM recorded more ceasefire violations in Donetsk region and fewer in Luhansk region.
- Inside the Stanytsia Luhanska disengagement area, the Mission saw workers from government-controlled areas conduct demining and clearing debris north of and near the broken section of the bridge, and workers from non-government-controlled areas removing broken parts of the metal section of the bridge and conducting road repairs.
- The SMM facilitated and monitored a transfer of persons convicted before the conflict from non-government- to government-controlled areas in Luhansk region.
- It monitored adherence to the ceasefire to facilitate repairs to and the operation of essential civilian infrastructure, including electrical works near Holmivskyi, sewage collection repair works near Novoluhanske, water infrastructure repairs near Zaitseve, and the drilling of wells in Raivka.
- The Mission monitored the security situation around “Kharkiv Pride” events.
- Restrictions of the Mission’s access continued, including at a checkpoint in Petrivske and a heavy weapons holding area in a non-government-controlled area of Donetsk region.*

Ceasefire violations¹



¹ For a complete breakdown of ceasefire violations, please see the annexed table. During the reporting period, the SMM camera Chermalyk was not operational.

² Including explosions.

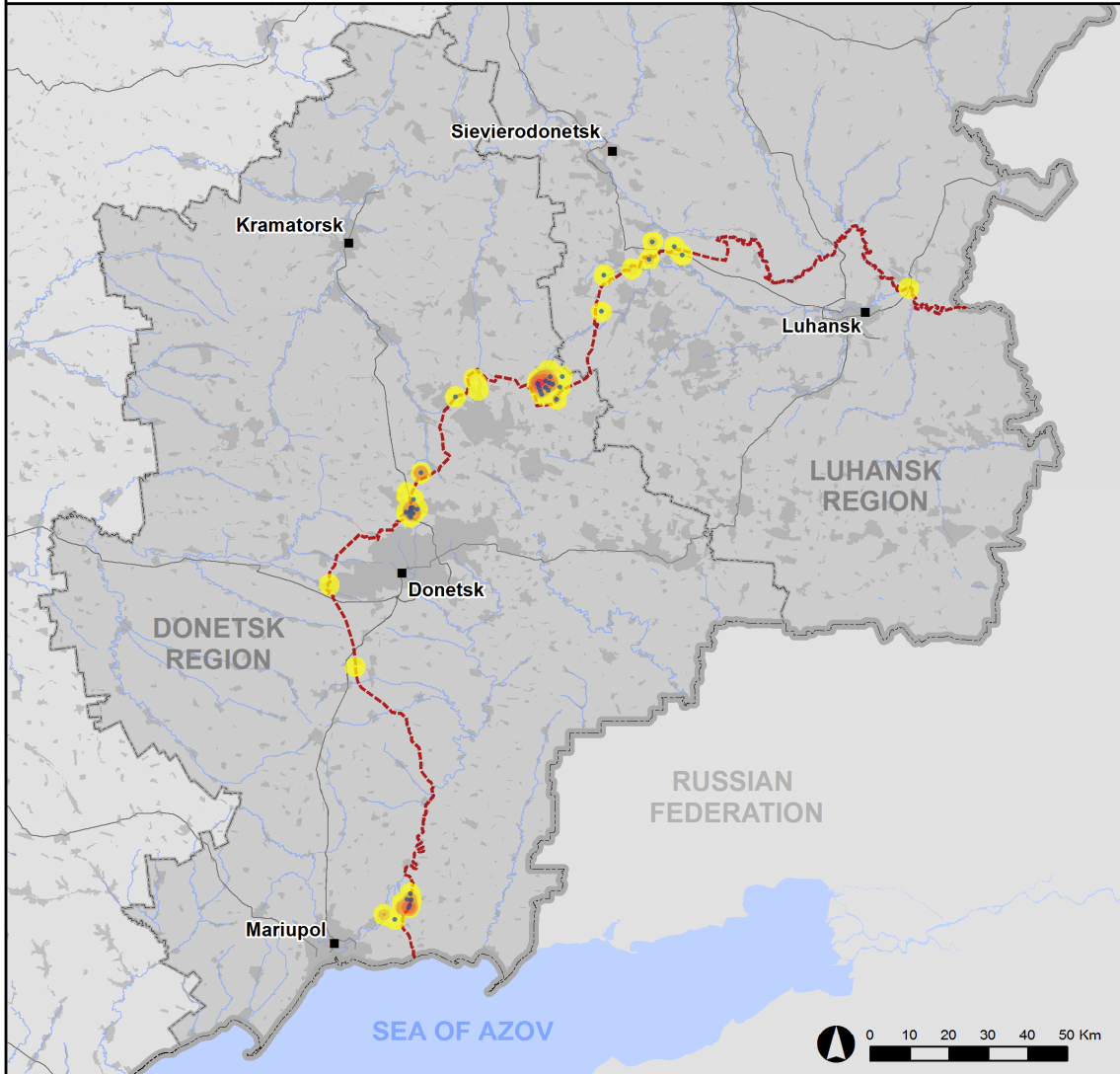
³ Including from unidentified weapons.

Map of recorded ceasefire violations

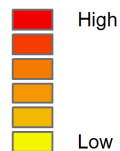


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 12 September 2019



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: 13/09/2019

In Donetsk region, the SMM recorded more ceasefire violations, including more explosions (about 210), compared with the [previous reporting period](#) (about 75 explosions). The majority of ceasefire violations, including over half of the explosions, were recorded at southerly and easterly directions of Svitlodarsk (government-controlled, 57km north-east of Donetsk) and at southerly directions of Pyshevyk (government-controlled, 25km north-east of Mariupol).

In Luhansk region, the SMM recorded fewer ceasefire violations, including, however, more explosions (30), compared with the [previous reporting period](#) (15 explosions). The majority of the ceasefire violations, including the majority of explosions, were recorded at easterly directions of Orikhove (government-controlled, 57km north-west of Luhansk).

Stanytsia Luhanska disengagement area

On the afternoon of 11 September, inside of the disengagement area near Stanytsia Luhanska (government-controlled, 16km north of Luhansk), the SMM saw six workers from government-controlled areas using an acetylene torch to remove two large pieces of damaged guard rail from the broken section of the Stanytsia Luhanska bridge (15km north of Luhansk). On the same afternoon, the SMM saw five workers from non-government-controlled areas working with a bulldozer to dig holes in the ground between 5-50m east of the broken section of the bridge. On two occasions on the same afternoon, the SMM heard periodic popping sounds coming from a fire at the base of the western side of the Stanytsia Luhanska bridge, about 50m south of the broken section. A Ukrainian Armed Forces officer of the Joint Centre for Control and Co-ordination (JCCC) told the SMM that the sounds were from bullets embedded in wood being burned in the fire.⁴

In the early morning of 12 September, the SMM saw deminers from the State Emergency Service (SES) of Ukraine using metal detectors on the eastern and western sides of the broken section of the bridge and saw deminers from non-government-controlled areas cutting bushes under the broken section of the bridge, as well as on its western side and the southern side of the river. It also saw SES deminers using metal detectors in a field about 150m north of the broken section of the bridge and SES workers clearing vegetation from a field about 10m east of the road. On the same morning, the SMM saw four men in civilian clothing placing Ukrainian flags on top of two electricity poles on the western side of the road about 40m and 140m north of the broken section of the bridge.

The same day, at the broken section of the bridge, the SMM saw workers from government-controlled areas using an excavator and dump truck to transport debris. At the southern edge of the broken section of the bridge, the SMM saw workers from non-government-controlled areas working with a bulldozer, tractor, two trucks, and a crane, as well as welding equipment, to repair metal rails on the steel section of the bridge. Later, the SMM saw workers from non-government-controlled areas filling holes on the bridge with asphalt.

⁴ The Joint Centre for Control and Co-ordination (JCCC) was established in September 2014 by Ukraine and the Russian Federation. Each posted a representative to jointly head the Centre and a staff of officers from the Ukrainian and Russian Federation Armed Forces to be co-located in defined sectors of Luhansk and Donetsk regions. In December 2017, Russian Federation Armed Forces officers withdrew from the JCCC and departed Ukraine.

The SMM saw six members of the armed formations (wearing armbands with “JCCC” written on them) between the broken section of the bridge and the checkpoint of the armed formations south of the bridge, as well as two senior members of the armed formations.

On the morning of 12 September, while positioned about 600m south-south-east of the Stanytsia Luhanska bridge, the SMM heard two shots of small-arms fire at an assessed distance of 1km north-east, assessed as inside the disengagement area. In the afternoon, the SMM again heard periodic popping sounds from a bonfire at the base of the western side of the Stanytsia Luhanska bridge, about 50m south of the broken section.

Other disengagement areas⁵

Positioned at locations near the disengagement area near Zolote (government-controlled, 60km west of Luhansk), the SMM heard six shots of small-arms fire and two undetermined explosions, all assessed as outside of the disengagement area but within its 5km periphery. The SMM [again](#) saw a “barely visible obstacle” (MZP) stretched across road T-1316, about 350m north of the checkpoint of the armed formations on the southern edge of the disengagement area near Zolote. Due to the presence of the MZP, it was unable to proceed.

Positioned close to the disengagement area near Petrivske (non-government-controlled, 41km south of Donetsk), the Mission 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 observed no weapons in violation of withdrawal lines. It observed weapons beyond withdrawal lines but outside designated storage sites (see tables of weapons below).

Weapons that the SMM could not verify as withdrawn⁶

At a heavy weapons holding area in a government-controlled area of Luhansk Region
12 September

The SMM noted that:

- 10 self-propelled howitzers (2S1 *Gvozdika*, 122mm) were present and
- 25 self-propelled howitzers (23 2S3 *Akatsiya*, 152mm and two 2S1) and 15 towed howitzers (D-30 *Lyagushka*, 122mm) continued to be missing.

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

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

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

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

Government-controlled areas

11 September

An SMM mini-unmanned aerial vehicle (UAV) spotted a modified armoured personnel carrier (APC) (MT-LB) with an anti-aircraft gun (ZU-23, 23mm) mounted on top and an infantry fighting vehicle (IFV) (BMP variant) near Novhorodske (35km north of Donetsk).

An SMM long-range UAV spotted:

- a 1.4km-long extension to an existing trench running south-west to north-east, assessed as belonging to the Ukrainian Armed Forces, near Novotroitske (36km south-west of Donetsk) (not seen in imagery from 17 June 2019);
- an armoured combat vehicle (ACV) near Talakivka (90km south of Donetsk); and
- three IFVs (BMP-1) and two probable APCs (MT-LB) in Avdiivka (17km north of Donetsk).

12 September

The SMM saw an IFV (BTR-3) near Avdiivka.

SMM facilitated and monitored a transfer of persons convicted before the conflict

The SMM monitored the security situation in both government- and non-government-controlled areas to support a transfer of persons convicted before the conflict from non-government- to government-controlled areas in Luhansk region.

SMM facilitation of repairs to and the operation of civilian infrastructure

The SMM monitored adherence to the ceasefire to enable electrical repair works near Holmivskiyi (non-government-controlled, 49km north-east of Donetsk), sewage collection repair works near Novoluhanske (government-controlled, 53km north-east of Donetsk), water infrastructure repair works near Zaitseve (50km north-east of Donetsk) and to support the drilling of wells in Raivka (non-government-controlled, 16km north-west of Luhansk).

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

SMM monitored the security situation around “Kharkiv Pride” events

On the evening of 12 September, outside the Kharkiv Literature Museum where a lecture was organized as part of “Kharkiv Pride”, the SMM saw 25 demonstrators (men in their twenties and thirties) representing “Freikorps,” “Tradition and Order,” and “National Corps” (some wearing t-shirts with the names of the organizations), blocking about 70 people (mixed ages and genders) from entering the event. Shortly thereafter, the SMM saw 40 police officers arrive and, about ten minutes later, saw that a demonstrator threw a green liquid on two “Kharkiv Pride” speakers (men in their thirties).

About an hour later, the SMM observed police officers escorting “Kharkiv Pride” participants into the yard of the museum for the event. Shortly thereafter, demonstrators entered the yard and locked the entrance, thereby locking participants, demonstrators, and police inside together. Following dialogue between the participants and demonstrators, the groups dispersed peacefully under the supervision of police officers.

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 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 12 September 2019](#)). 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 in Petrivske (non-government-controlled, 41km south of Donetsk), a member of the armed formations [again](#) denied the SMM passage, citing “engineering works in the area”.
- At a heavy weapons holding area in a non-government-controlled area of Donetsk region, a member of the armed formations denied the SMM access, citing orders from superiors.

Regular restrictions related to disengagement areas and mines/UXO:

- The sides continued to deny the SMM full access to disengagement areas near Zolote and Petrivske, 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 and UXO.

Delay:

- At a checkpoint west of Verkhnohyrokiivske (formerly Oktiabr, non-government-controlled, 29km north-east of Mariupol), on two occasions, a member of the armed formations [again](#) allowed the SMM to proceed only after about 25 minutes of waiting.

Other impediments:

- On the evening and night of 11-12 September, an SMM long range-UAV lost its GPS signal due to signal interference, assessed as caused by probable jamming, while flying over government-controlled areas in northern and central Donetsk region. The same UAV also experienced dual GPS signal interference, assessed as caused by

jamming, while flying over areas near Sukha Balka (government-controlled, 36km north of Donetsk) and Stepanivka (government-controlled, 54km north of Donetsk).⁸

- During the day on 12 September, an SMM mini-UAV experienced signal interference assessed as caused by probable jamming while flying over areas near Bohdanivka (government-controlled, 41km south-west of Donetsk) and Novhorodske (government-controlled, 35km north of Donetsk).⁸

Tables of weapons as of 12 September 2019

Beyond withdrawal lines but outside of designated storage sites:

Date	No. of weapons	Type of weapons	Location	Source of observation
Government-controlled areas				
11/09/19	1	Surface-to-air missile system (9K35 <i>Strela-10</i>)	Near Ptyche (32km north-west of Donetsk).	Long-range UAV
12/09/2019	3	Tanks (T-64)	North-western edge of Lysychansk (75km north-west of Luhansk)	Patrol
	12	Self-propelled howitzers (2S1 <i>Gvozdika</i> , 122mm)	Train station in Rubizhne (84km north-west of Luhansk)	
	18	Self-propelled howitzers (2S1 <i>Gvozdika</i> , 122mm)	Train station in Druzhkivka (72km north of Donetsk)	
	32	Tanks (T-64)	Train station in Bakhmut (67km north of Donetsk)	
	4	Surface-to-air missile systems (9K35 <i>Strela-10</i>)		
	3	Self-propelled anti-aircraft systems (2K22 <i>Tunguska</i>)		
	1	Tank (T-72)		
	1	Tank (T-64)	Near Pidhorodne (73km north of Donetsk)	
8	Surface-to-air missile systems (9K35 <i>Strela-10</i>)	Train station in Rubizhne (84km north-west of Luhansk)		
Non-government-controlled areas				
09/09/2019	22	Tank (type undetermined)	Training area near Buhaivka (37km south-west of Luhansk) (for previous observations, see SMM Daily Report 9 August 2019) ⁹	Aerial imagery

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

⁹ In the same area, aerial imagery revealed also the presence of 54 armoured combat vehicles. These are not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

Other weapons observed:¹⁰

Date	No. of weapons	Type of weapon	Location	Source of observation
Non-government-controlled areas				
09/09/2019	33	Self-propelled howitzers or mortars (type undetermined)	Training area near Buhaivka (37km south-west of Luhansk) ¹¹	Aerial imagery
09/09/2019	17	Towed artillery or mortar (types undetermined)		

¹⁰ The SMM was unable to assess whether these weapons were in violation of withdrawal lines in the absence of information on their calibre.

¹¹ In the same area, aerial imagery revealed also the presence of 56 armoured combat vehicles. These are not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

Table of ceasefire violations as of 12 September 2019¹²

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-4km ESE	Recorded	1	Projectile	SW to NE	N/K	11-Sep, 21:45
	2-4km ESE	Recorded	1	Projectile	NE to SW	N/K	11-Sep, 21:48
	2-4km ESE	Recorded	1	Projectile	NE to SW	N/K	11-Sep, 22:01
	2-4km ESE	Recorded	1	Explosion	Impact	N/K	11-Sep, 22:01
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	11-Sep, 23:02
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 21:00
	0.8-1km SSW	Recorded	1	Projectile	W to E	N/K	11-Sep, 21:02
	0.5-1km SSW	Recorded	1	Muzzle flash		N/K	11-Sep, 21:08
	0.5-1km SSW	Recorded	1	Projectile	W to E	N/K	11-Sep, 21:08
	0.5-1km SSW	Recorded	3	Muzzle flash		N/K	11-Sep, 21:17
	0.5-1km SSW	Recorded	4	Explosion	Undetermined	N/K	11-Sep, 21:18
	0.5-1km SSW	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 21:39
	0.5-1km SSW	Recorded	2	Explosion	Undetermined	N/K	11-Sep, 21:40
	0.5-1km SSW	Recorded	6	Explosion	Undetermined	N/K	11-Sep, 21:41
	0.5-1km SSW	Recorded	2	Muzzle flash		N/K	11-Sep, 21:41
	0.5-1km SSE	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 21:41
	0.5-1km SSW	Recorded	2	Explosion	Undetermined	N/K	11-Sep, 21:42
	0.5-1km SSW	Recorded	1	Projectile	W to E	N/K	11-Sep, 21:43
	1-3km SSW	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 21:44
	0.8-1.5km S	Recorded	1	Projectile	W to E	N/K	11-Sep, 21:47
	0.7-1.2km S	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 21:48
	0.5-1.2km S	Recorded	1	Projectile	W to E	N/K	11-Sep, 21:52
	1-3km SSW	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 22:01
	0.8-1.5km SSW	Recorded	1	Projectile	W to E	N/K	11-Sep, 22:01
	0.8-1.5km S	Recorded	1	Explosion	Impact	N/K	11-Sep, 22:01
	1-3km SSW	Recorded	2	Explosion	Undetermined	N/K	11-Sep, 22:02
	1-3km S	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 22:02
	0.8-1.5km S	Recorded	1	Projectile	W to E	N/K	11-Sep, 23:06
	0.7-1.2km S	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 23:15
	0.8-1.5km SSW	Recorded	1	Projectile	W to E	N/K	12-Sep, 01:57
	0.8-1.2km S	Recorded	1	Explosion	Undetermined	N/K	12-Sep, 02:22
	0.7-1.2km S	Recorded	1	Explosion	Undetermined	N/K	12-Sep, 02:23
	0.8-1.5km SSW	Recorded	2	Projectile	W to E	N/K	12-Sep, 03:29
	0.7-1.5km SSW	Recorded	5	Projectile	W to E	N/K	12-Sep, 03:37
	0.5-1.5km SSE	Recorded	7	Projectile	E to W	N/K	12-Sep, 04:12
0.5-1.5km SSE	Recorded	2	Projectile	E to W	N/K	12-Sep, 04:23	
SMM camera 1.5km NE of Hnutove (government-	2-4km E	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 19:58
	2-4km E	Recorded	6	Projectile	NNW to SSE	N/K	11-Sep, 19:58
	3-5km ESE	Recorded	8	Projectile	S to N	N/K	11-Sep, 22:22
	3-5km ESE	Recorded	7	Projectile	S to N	N/K	11-Sep, 22:24

¹² The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors on the ground, and are not always necessarily precise. When information is not known (indicated with an “N/K”), the SMM was unable to ascertain such information due to distance, weather conditions and/or other considerations. Ceasefire violations recorded by more than one patrol and assessed to be the same are entered only once.

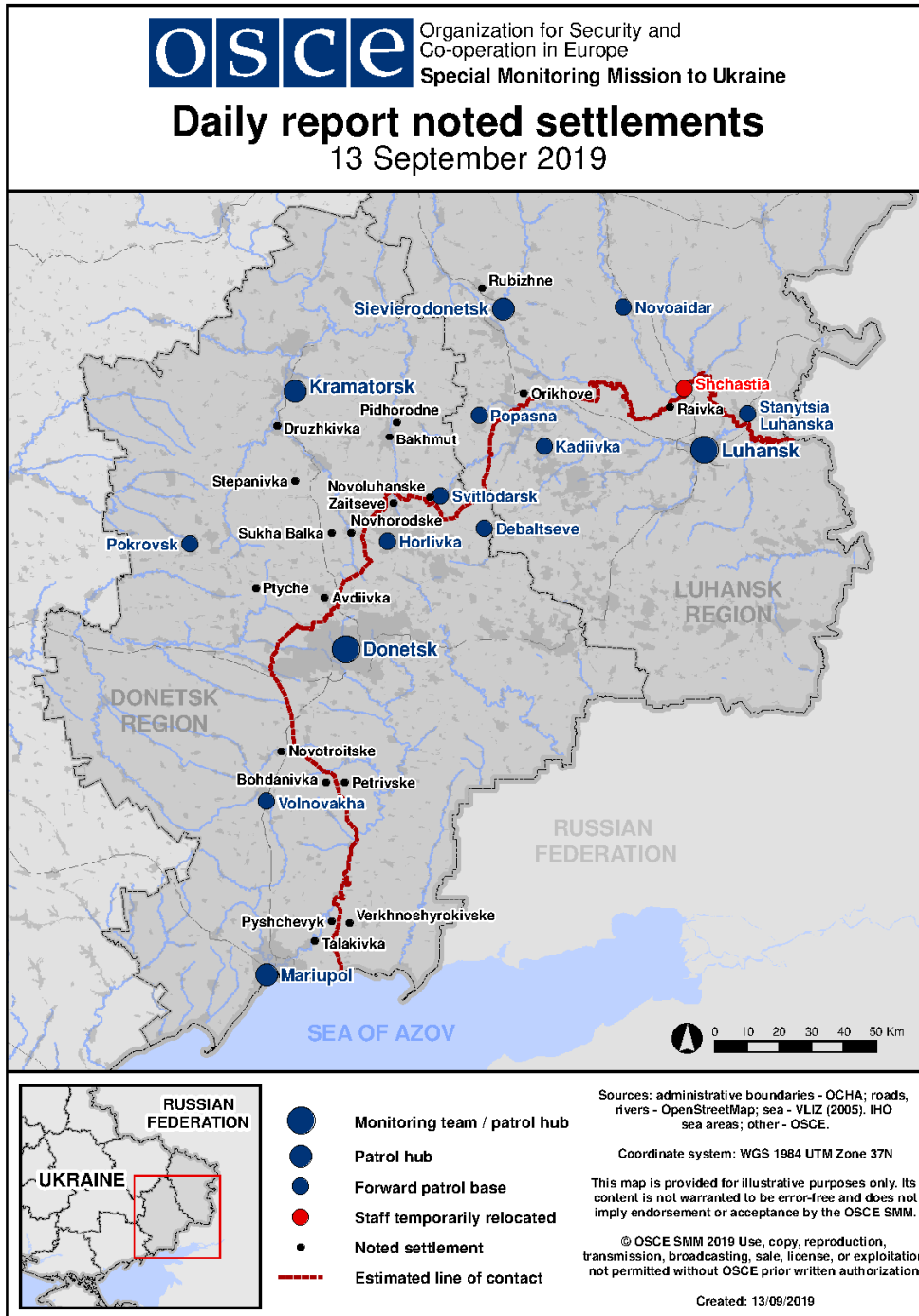
SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
controlled, 20km NE of Mariupol)	3-5km E	Recorded	4	Projectile	W to E	N/K	11-Sep, 22:25
	3-5km E	Recorded	3	Projectile	S to N	N/K	11-Sep, 22:35
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 22:38
	3-5km ESE	Recorded	1	Projectile	S to N	N/K	11-Sep, 23:00
	3-5km ESE	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 23:00
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 23:00
	3-5km E	Recorded	2	Explosion	Undetermined	N/K	11-Sep, 23:01
	3-5km E	Recorded	1	Projectile	N to S	N/K	11-Sep, 23:01
	3-5km ENE	Recorded	1	Projectile	NW to SE	N/K	11-Sep, 23:02
	3-5km E	Recorded	2	Explosion	Undetermined	N/K	11-Sep, 23:02
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 23:11
	3-5km E	Recorded	2	Projectile	S to N	N/K	11-Sep, 23:12
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 23:14
	3-5km E	Recorded	2	Projectile	N to S	N/K	11-Sep, 23:14
	3-5km ENE	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 23:15
	3-5km ENE	Recorded	1	Projectile	N to S	N/K	11-Sep, 23:15
3-5km E	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 23:15	
3-5km ESE	Recorded	5	Projectile	S to N	N/K	12-Sep, 02:32	
SMM camera E of Lomakyne (government- controlled, 15km NE of Mariupol)	2-6km N	Recorded	1	Projectile	NW to SE	N/K	11-Sep, 22:22
	2-6km N	Recorded	1	Projectile	NW to SE	N/K	11-Sep, 22:23
	2-6km N	Recorded	3	Projectile	NW to SE	N/K	11-Sep, 22:27
	2-6km N	Recorded	2	Projectile	NW to SE	N/K	11-Sep, 22:28
	2-6km N	Recorded	2	Projectile	NW to SE	N/K	11-Sep, 22:29
	2-6km N	Recorded	2	Projectile	NW to SE	N/K	11-Sep, 22:30
	2-6km N	Recorded	1	Projectile	NW to SE	N/K	11-Sep, 22:31
	2-6km N	Recorded	1	Projectile	NW to SE	N/K	11-Sep, 22:32
	2-6km N	Recorded	1	Projectile	NW to SE	N/K	11-Sep, 22:33
2-6km NE	Recorded	1	Explosion	Undetermined	N/K	11-Sep, 22:38	
SMM camera at entry-exit checkpoint in Maiorsk (government- controlled, 45km NE of Donetsk)	3-5km NE	Recorded	1	Projectile	NNW to SSE	N/K	11-Sep, 20:00
	3-5km ENE	Recorded	2	Projectile	N to S	N/K	11-Sep, 20:00
	3-5km E	Recorded	1	Illumination flare	In vertical flight	N/K	11-Sep, 22:41
SMM camera at entry-exit checkpoint in Marinka (government- controlled, 23km SW of Donetsk)	2-4km NNE	Recorded	1	Projectile	W to E	N/K	11-Sep, 21:31
	2-4km S	Recorded	1	Projectile	NW to SE	N/K	11-Sep, 19:45
SMM camera at entry-exit checkpoint in Pyshchevyk (government- controlled, 25km NE of Mariupol)	2-4km S	Recorded	3	Projectile	W to E	N/K	11-Sep, 19:46
	3-5km S	Recorded	8	Projectile	W to E	N/K	11-Sep, 19:54
	3-5km S	Recorded	2	Projectile	W to E	N/K	11-Sep, 19:55
	3-6km SSE	Recorded	2	Projectile	E to W	N/K	11-Sep, 21:38
	3-6km SSE	Recorded	14	Projectile	W to E	N/K	11-Sep, 22:21
	3-6km SSE	Recorded	4	Projectile	W to E	N/K	12-Sep, 00:28
	3-6km SSE	Recorded	1	Projectile	W to E	N/K	12-Sep, 00:30
	3-6km SSE	Recorded	3	Projectile	E to W	N/K	12-Sep, 00:43
	3-6km SSE	Recorded	1	Explosion	Impact	N/K	12-Sep, 00:43
	3-6km SSE	Recorded	3	Projectile	W to E	N/K	12-Sep, 00:54
	3-6km SSE	Recorded	3	Projectile	W to E	N/K	12-Sep, 00:59
	3-6km SSE	Recorded	4	Projectile	E to W	N/K	12-Sep, 01:08
	3-6km SSE	Recorded	1	Projectile	W to E	N/K	12-Sep, 01:12
	3-6km SSE	Recorded	1	Projectile	W to E	N/K	12-Sep, 01:24
	3-6km SSE	Recorded	4	Projectile	W to E	N/K	12-Sep, 02:12
	3-6km SSE	Recorded	11	Projectile	W to E	N/K	12-Sep, 02:13
	3-6km SSE	Recorded	8	Projectile	W to E	N/K	12-Sep, 02:28
3-6km SSE	Recorded	7	Projectile	W to E	N/K	12-Sep, 02:30	

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	3-6km SSE	Recorded	15	Projectile	W to E	N/K	12-Sep, 02:32
	3-6km SSE	Recorded	18	Projectile	W to E	N/K	12-Sep, 02:36
	3-6km SSE	Recorded	1	Projectile	In vertical flight	N/K	12-Sep, 02:48
	3-6km SSE	Recorded	9	Projectile	W to E	N/K	12-Sep, 02:43
	3-6km SSE	Recorded	5	Projectile	In vertical flight	N/K	12-Sep, 02:49
	3-6km SSE	Recorded	4	Projectile	W to E	N/K	12-Sep, 02:49
	3-6km SSE	Recorded	10	Projectile	W to E	N/K	12-Sep, 02:55
	3-6km S	Recorded	5	Projectile	W to E	N/K	12-Sep, 04:00
	3-6km S	Recorded	19	Projectile	W to E	N/K	12-Sep, 04:01
3-6km SSE	Recorded	11	Projectile	W to E	N/K	12-Sep, 04:45	
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	3-5km ENE	Recorded	4	Projectile	NNW to SSE	N/K	11-Sep, 21:59
	3-5km ESE	Recorded	3	Projectile	NW to SE	N/K	11-Sep, 22:51
	3-5km ESE	Recorded	1	Projectile	SW to NE	N/K	12-Sep, 00:17
	3-5km ESE	Recorded	1	Explosion	Impact	N/K	12-Sep, 00:17
	3-5km ESE	Recorded	30	Projectile	N to S	N/K	12-Sep, 00:44
	3-5km ESE	Recorded	26	Projectile	N to S	N/K	12-Sep, 01:01
	3-5km ESE	Recorded	26	Projectile	N to S	N/K	12-Sep, 01:42
SE part of Avdiivka (government-controlled, 17km N of Donetsk)	3-4km SE	Heard	6	Explosion	Undetermined	N/K	12-Sep, 10:16-10:18
	3km SE	Heard	1	Explosion	Undetermined	N/K	12-Sep, 10:28
	2-3km SE	Heard	3	Burst		HMG	12-Sep, 10:50
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km SW	Heard	17	Shot		Small arms	12-Sep, 10:16
	2-3km NW	Heard	1	Explosion	Undetermined	N/K	12-Sep, 10:16
	1-2km SW	Heard	4	Shot		Small arms	12-Sep, 10:17
	1km SW	Heard and saw	1	Explosion	Undetermined	N/K	12-Sep, 10:28
	2-3km SW	Heard	5	Shot		Small arms	12-Sep, 13:55
	2-3km SW	Heard	14	Shot		Small arms	12-Sep, 14:27
	2-3km SW	Heard	2	Explosion	Undetermined	N/K	12-Sep, 14:33
	2-3km SW	Heard	1	Shot		Small arms	12-Sep, 14:53
Svitlodarsk (government-controlled, 57km NE of Donetsk)	1-3km SE	Heard	1	Burst		Small arms	11-Sep, 18:40
	1-3km SE	Heard	3	Burst		Small arms	11-Sep, 18:45
	1-3km E	Heard	2	Burst		Small arms	11-Sep, 18:46
	1-3km E	Heard	3	Burst		Small arms	11-Sep, 18:57
	3-5km E	Heard	10	Explosion	Undetermined	N/K	11-Sep, 19:00-19:05
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	11-Sep, 19:07
	3-5km ESE	Heard	10	Explosion	Undetermined	N/K	11-Sep, 19:10-19:14
	1-3km ESE	Heard	18	Burst		Small arms	11-Sep, 19:11-19:12
	3-5km ESE	Heard	1	Explosion	Undetermined	N/K	11-Sep, 19:16
	2-4km ESE	Heard	5	Explosion	Undetermined	IFV (BMP-1)	11-Sep, 19:19
	1-3km ESE	Heard	22	Burst		Small arms	11-Sep, 19:20-19:21
	2-4km SSE	Heard	4	Explosion	Undetermined	N/K	11-Sep, 19:22
	1-3km SSE	Heard	4	Burst		HMG	11-Sep, 19:23
	4-6km SSE	Heard	6	Explosion	Undetermined	N/K	11-Sep, 19:24-19:26
	1-3km SSE	Heard	18	Burst		Small arms	11-Sep, 19:25-19:27
	3-5km ESE	Heard	2	Explosion	Undetermined	N/K	11-Sep, 19:28-19:29
	3-5km ESE	Heard	6	Explosion	Undetermined	N/K	11-Sep, 19:32-19:34
	2-3km SSE	Heard	5	Burst		Small arms	11-Sep, 19:33
	3-5km SSE	Heard	2	Explosion	Undetermined	N/K	11-Sep, 19:36

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	3-5km SSE	Heard	4	Explosion	Undetermined	N/K	11-Sep, 19:40
	4-6km SE	Heard	2	Explosion	Undetermined	N/K	11-Sep, 19:41
	1-3km SSE	Heard	12	Burst		Small arms	11-Sep, 19:41-19:42
	2-4km SSE	Heard	5	Explosion	Undetermined	IFV	11-Sep, 19:42
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	11-Sep, 19:42
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	11-Sep, 19:46
	1-3km SSE	Heard	3	Burst		Small arms	11-Sep, 19:49
	3-5km SSE	Heard	2	Explosion	Undetermined	N/K	11-Sep, 19:59
	1-3km SSE	Heard	21	Burst		Small arms	11-Sep, 19:59-20:01
	3-5km SSE	Heard	2	Explosion	Undetermined	N/K	11-Sep, 20:01
	1-3km SSE	Heard	3	Explosion	Undetermined	IFV	11-Sep, 20:05
	1-3km SSE	Heard	3	Explosion	Undetermined	IFV	11-Sep, 20:07
	1-3km SSE	Heard	22	Burst		Small arms	11-Sep, 20:07-20:08
	2-4km SSE	Heard	1	Explosion	Undetermined	N/K	11-Sep, 20:13
	1-3km SSE	Heard	4	Burst		Small arms	11-Sep, 20:24
	1-3km SSE	Heard	4	Burst		Small arms	11-Sep, 20:27
	3-5km SSE	Heard	2	Explosion	Undetermined	N/K	11-Sep, 20:29
	1-3km SSE	Heard	15	Burst		Small arms	11-Sep, 20:30
	3-5km SE	Heard	6	Explosion	Undetermined	N/K	11-Sep, 20:32
	2-3km SSE	Heard	10	Burst		Small arms	11-Sep, 20:33-20:34
	1-2km SSE	Heard	4	Shot		Small arms	11-Sep, 20:33
	1-3km SSE	Heard	7	Burst		Small arms	11-Sep, 20:36-20:37
	3-5km SE	Heard	1	Explosion	Undetermined	N/K	11-Sep, 20:38
	1-3km SSE	Heard	10	Burst		Small arms	11-Sep, 20:38
	1-3km SE	Heard	3	Burst		Small arms	11-Sep, 20:47
	1-3km SSE	Heard	5	Burst		Small arms	11-Sep, 20:53
	1-3km SSE	Heard	3	Burst		Small arms	11-Sep, 21:04
	3-5km ESE	Heard	2	Explosion	Undetermined	N/K	11-Sep, 21:07
	1-3km SSE	Heard	8	Burst		Small arms	11-Sep, 21:17-21:22
	1-3km SSE	Heard	31	Burst		Small arms	11-Sep, 21:28-21:31
	1-3km ESE	Heard	10	Burst		Small arms	11-Sep, 21:33
	1-3km SSE	Heard	8	Burst		Small arms	11-Sep, 21:35-21:36
	1-3km SSE	Heard	3	Burst		Small arms	11-Sep, 21:38
	1-3km SSE	Heard	2	Burst		Small arms	11-Sep, 21:44
	6-8km E	Heard	3	Explosion	Undetermined	N/K	11-Sep, 22:19
	1-3km ESE	Heard	7	Burst		Small arms	11-Sep, 22:30-22:31
	4-6km ESE	Heard	1	Explosion	Undetermined	N/K	11-Sep, 22:30
	4-6km ESE	Heard	2	Explosion	Undetermined	N/K	11-Sep, 22:32-22:33
	2-3km ESE	Heard	6	Burst		Small arms	11-Sep, 22:35
	4-6km ESE	Heard	1	Explosion	Undetermined	N/K	11-Sep, 22:41
	2-3km E	Heard	13	Burst		Small arms	11-Sep, 22:42
	1-2km SE	Heard	8	Shot		Small arms	11-Sep, 22:59
	2-3km SE	Heard	2	Burst		HMG	11-Sep, 23:09
	1-2km ESE	Heard	3	Burst		Small arms	11-Sep, 23:11
	2-3km E	Heard	4	Burst		HMG	11-Sep, 23:17
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	11-Sep, 23:38
	2-3km SE	Heard	10	Burst		Small arms	11-Sep, 23:38-23:39
	3-5km SE	Heard	2	Explosion	Undetermined	N/K	11-Sep, 23:40-23:41
	6-8km ESE	Heard	3	Explosion	Undetermined	N/K	11-Sep, 23:43
	6-8km ESE	Heard	1	Explosion	Undetermined	N/K	11-Sep, 23:50
	4-6km SE	Heard	1	Explosion	Undetermined	N/K	11-Sep, 23:56

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	7-9km SE	Heard	7	Explosion	Undetermined	N/K	12-Sep, 17:13-18:00
	7-9km SE	Heard	3	Explosion	Undetermined	N/K	12-Sep, 18:20-18:23
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	1-2km S	Heard	3	Shot		Small arms	12-Sep, 09:12
	4-6km NE	Heard	45	Explosion	Undetermined (Assessed as live-fire exercise)	AGL	12-Sep, 10:49-10:53
	2-3km S	Heard	3	Burst		HMG	12-Sep, 11:37
Maiorsk (government-controlled, 45km NE of Donetsk)	2-3km SW	Heard	1	Explosion	Undetermined	N/K	12-Sep, 16:15
3.5km NE of Holubivka (formerly Kirovsk, non-government-controlled, 51km W of Luhansk)	6-8km NE	Heard	1	Explosion	Undetermined	N/K	12-Sep, 09:46
Holubivske (non-government-controlled, 51km W of Luhansk)	5-7km NE	Heard	2	Explosion	Undetermined	N/K	12-Sep, 10:22-10:33
NE edge of Orikhove (government-controlled, 57km NW of Luhansk)	3-5km SE	Heard	12	Explosion	Undetermined	N/K	12-Sep, 10:14-10:21
	3-5km ENE	Heard	12	Explosion	Undetermined	N/K	12-Sep, 10:14-10:21
600m SSE of Stanytsia Luhanska Bridge (15km NE of Luhansk)	1km NE	Heard	2	Shot	Assessed as inside the disengagement area	Small arms	12-Sep, 11:42
SW edge of Zolote-5/Mykhailivka (non-government-controlled, 58km NW of Luhansk)	1-2km N	Heard	6	Shot	Assessed as outside the disengagement area	Small arms	12-Sep, 14:03-14:05
N edge of disengagement area near Zolote (government-controlled, 60km W of Luhansk)	4-5km WSW	Heard	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	12-Sep, 17:45
S edge of Popasna (government-controlled, 69km W of Luhansk)	5-7km SE	Heard	1	Explosion	Undetermined	N/K	12-Sep, 14:50

Map of Donetsk and Luhansk regions¹³



¹³ 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).