

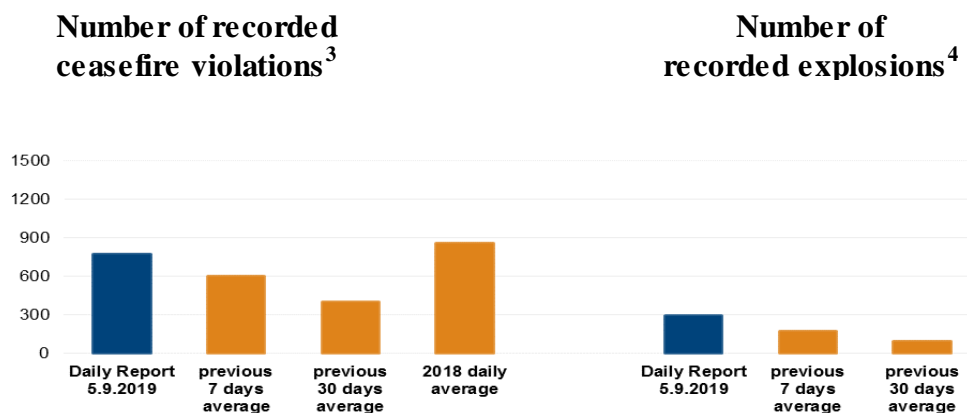
Daily Report 210/2019

5 September 2019¹

Summary

- Compared with the previous reporting period, the SMM recorded more ceasefire violations in Donetsk region and a similar number of ceasefire violations in Luhansk region.
- While conducting an impact site assessment in Pikuzy, the Mission heard small-arms fire and saw a bullet impact the ground close to its position.
- The SMM saw damage to a shop due to gunfire in Zolote-5/Mykhailivka.
- The SMM saw that structural components of and other items near the former forward position of the Ukrainian Armed Forces were no longer present. It observed five members of the armed formations collecting garbage under the broken section of the Stanytsia Luhanska bridge.
- The Mission recorded ceasefire violations inside the Zolote disengagement area.
- It saw weapons in violation of withdrawal lines in non-government-controlled areas of Donetsk and Luhansk regions.
- The SMM monitored adherence to the ceasefire to facilitate repairs to and the operation of essential civilian infrastructure, including the drilling of water wells near Raivka.
- Restrictions of the Mission's access continued, including at a checkpoint near non-government-controlled Petrivske.*

Ceasefire violations²



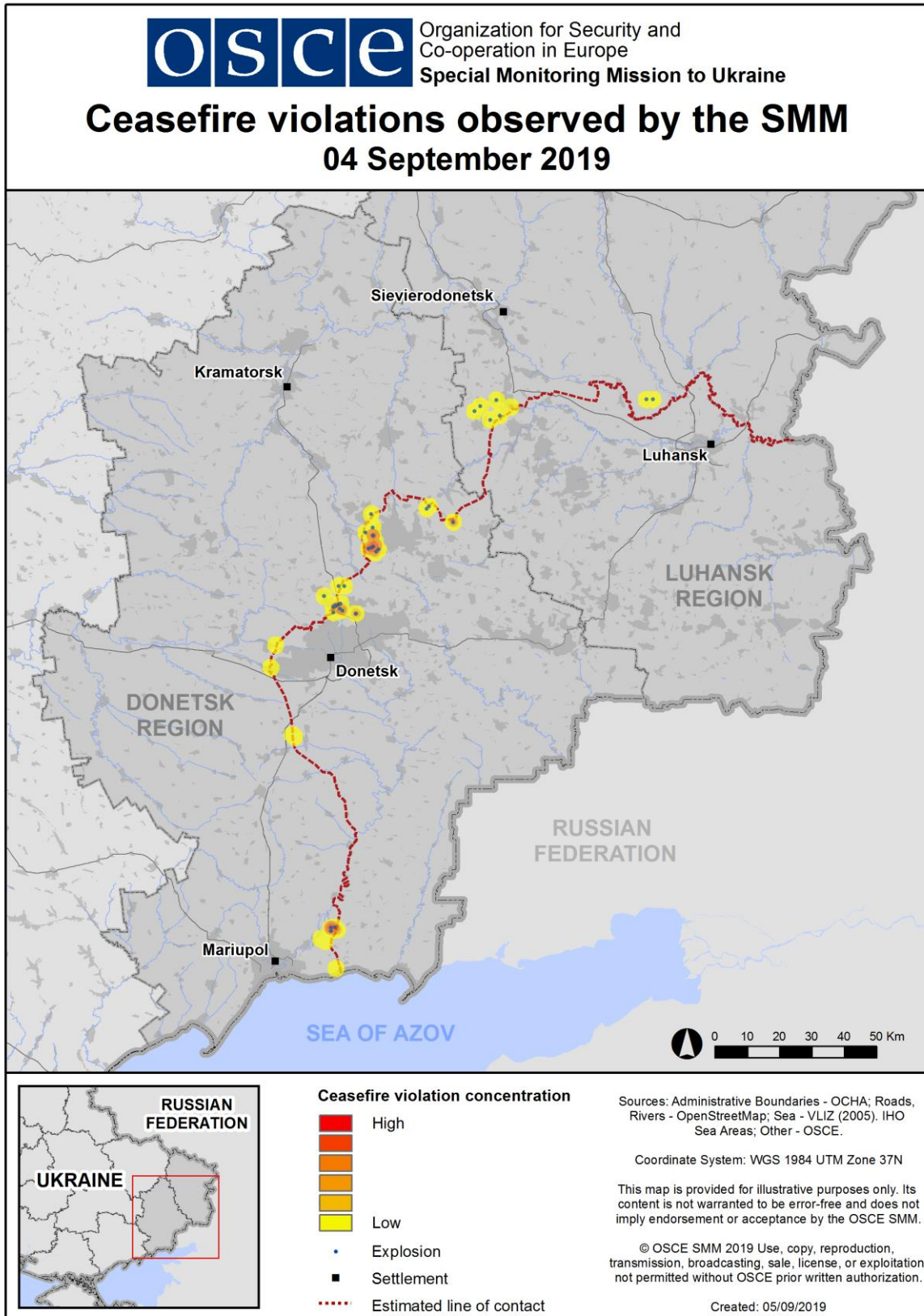
¹ Based on information from the Monitoring Teams as of 19:30, 4 September 2019. All times are in Eastern European Summer Time.

² For a complete breakdown of ceasefire violations, please see the annexed table. During the reporting period, the SMM cameras in Chermalyk and Kriakivka were not operational.

³ Including explosions.

⁴ Including from unidentified weapons.

Maps of recorded ceasefire violations



In Donetsk region, the SMM recorded more ceasefire violations, including more explosions (about 285), compared with the [previous reporting period](#) (about 190 explosions). The majority of ceasefire violations, including more than two thirds of the explosions, were recorded at westerly directions of Horlivka (non-government-controlled, 39km north-east of Donetsk), south-south-east and south of Pyshchevyk (government-controlled, 25km north-east of Mariupol) and in areas south and south-west of Svitlodarsk (government-controlled, 57km north-east of Donetsk).

In Luhansk region, the Mission recorded a similar number of ceasefire violations, including, however, more explosions (seven), compared with the [previous reporting period](#) (no explosions). The majority of ceasefire violations were recorded inside the disengagement area near Zolote (government-controlled, 60km west of Luhansk) (see below).

Small-arms fire near SMM in Pikuzy

On 4 September, while conducting an impact site assessment at Akhmatovoi Street in Pikuzy (formerly Kominternove, non-government-controlled, 23km north-east of Mariupol), the SMM heard an uncountable number of shots and bursts of small-arms fire about 100-200m north-west and saw a bullet impact the ground about 25m south-east of their position. Thereafter, the SMM heard 12 bullets flying above their heads (originating from the north-west) and two ricochet sounds nearby. The SMM immediately left Pikuzy (see [SMM Spot Report 4 September 2019](#)).

Damage to a shop due to gunfire in Zolote-5/Mykhailivka

At 4 Myru Street, on the south-western edge of Zolote-5/Mykhailivka (non-government-controlled, 58 km west of Luhansk), the SMM saw cracks and a hole, assessed as fresh, on the lower western corner of a north-facing window of a shop, located on the first floor of a three-storey building. Inside the shop, the SMM saw a bullet hole in a wall on the opposite side of the window. The SMM could not assess the type of weapon used or direction of fire. A woman who introduced herself as the shopkeeper (aged 35) told the SMM that the shop had been damaged by a bullet on 3 September. This building is located less than 1km east of the contact line and near the edge of the Zolote disengagement area (for previous observations in the area, see [SMM Daily Report 15 August 2019](#)).

Stanytsia Luhanska disengagement area

In the early morning hours of 4 September, the SMM saw a crane and two trucks belonging to the State Emergency Service (SES) entering the disengagement area near Stanytsia Luhanska (government-controlled, 16km north-east of Luhansk) and five civilian workers wearing orange overalls standing on the eastern side of the road about 500m north of the broken section of the Stanytsia Luhanska bridge (15km north of Luhansk). The Mission also saw four SES vehicles (including two white armoured vehicles) parked on the western side of the road, about 80m north of the broken section of the bridge.

In the late morning hours of 4 September, the SMM saw that the structural components of the former forward position of the Ukrainian Armed Forces north of the Stanytsia Luhanska bridge and other items (including sand-filled bags and tyres) were no longer present at this location. The SMM saw 15 SES deminers conducting demining activities west of the road about 100 north of the broken section of the bridge and nine members of the Stanytsia

Luhanska Forestry Service cleaning vegetation east of the road about 350m north of the broken section of the bridge.

On the southern edge of the broken section of the bridge, the SMM saw for the first time about ten flags (each consisting of three horizontal stripes: light blue on top, dark blue in the middle and red on the bottom) hanging from its metal frame, near the former forward position of the armed formations. The SMM also saw five members of the armed formations (wearing body armour and green clothing) collecting garbage from under the broken section of the bridge.

Other disengagement areas⁵

On the evening of 3 September, the SMM camera in Popasna (government-controlled, 69km west of Luhansk) recorded an undetermined explosion and a projectile in flight at an assessed range of 3-5km east-south-east, assessed as outside the disengagement area near Zolote (government-controlled, 60km west of Luhansk), but within its 5km periphery. On the morning of 4 September, the SMM camera in Zolote recorded eight projectiles in flight, at an assessed range of 1-2km east-south-east, assessed as inside the disengagement area. Positioned in two locations near the disengagement area near Zolote, the SMM heard two undetermined explosions, assessed as outside the disengagement area, but within its 5km periphery.

On 4 September, positioned close to the disengagement area near Petrivske (non-government-controlled, 41km south of Donetsk), the SMM saw an excavator and a trench digger which it was unable to assess whether inside or outside the disengagement area. On the same day, an armed member of the armed formations prevented the SMM from accessing its camera site near Petrivske (see below).

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.

In total, the Mission observed nine weapons in violation of withdrawal lines in non-government-controlled areas of Donetsk and Luhansk regions. (For more details, see the below table of weapons in violation of withdrawal lines as of 4 September 2019.)

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

Government-controlled areas

3 September

The SMM saw an armoured personnel carrier (APC) (BTR-70) near Stanytsia Luhanska.

Government-controlled areas

3 September

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

An SMM mid-range unmanned aerial vehicle (UAV) spotted two armoured combat vehicles (ACV) (BMP variants) under camouflage netting near Novhorodske (35km north of Donetsk).

An SMM mini-UAV spotted an APC (BTR-70) near Novobakhmutivka (28km north of Donetsk).

Non-government-controlled areas

31 August

An SMM mini-UAV spotted a probable ACV in a treeline near Novohryhorivka (61km north-east of Donetsk).

3 September

An SMM long-range UAV spotted two probable ACVs in a residential area in Zorynsk (54km south-west of Luhansk).

SMM facilitation of repairs to and the operation of civilian infrastructure

The SMM monitored adherence to the ceasefire to enable the drilling of wells near 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) and monitor the security situation around the pumping station near Vasylivka (non-government-controlled, 20km north of Donetsk). Positioned near Kamianka (government-controlled, 20km north of Donetsk), the SMM heard an undetermined explosion, at an assessed range of 500m-2km east of its location, and approximately 5km north of the DFS.

***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 2 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), an armed member of the armed formations denied the SMM passage, citing “a special operation in the area”. Due to the denial, the Mission was unable to access its camera site in Petrivske.

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.

Conditional access:

- At a checkpoint of the armed formations near Olenivka (non-government-controlled, 23km south-west of Donetsk), an unarmed member of the armed formations allowed the SMM to proceed only after inspecting its trailer.

Other impediments:

- An SMM mini-UAV lost its GPS signal due to signal interference, assessed as caused by probable jamming, while flying near Pikuzy (formerly Kominternove, non-government-controlled, 23km north-east of Mariupol).⁷
- On the evening and night of 3-4 September, an SMM long range-UAV lost its GPS signal due to signal interference, assessed as caused by probable jamming, while flying between Kostiantynivka (government-controlled, 60km north of Donetsk) and Biloiarivka (non-government-controlled, 64km east of Donetsk), and Kostiantynivka and Manuilivka (non-government-controlled, 65km east of Donetsk).⁷

Tables of weapons as of 4 September 2019

Weapons in violation of withdrawal lines:

Date	No. of weapons	Type of weapon	Location	Source of observation
Non-government-controlled areas				
03/09/2019	2	Probable self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm)	Near Bile (22km west of Luhansk)	Long-range UAV
	2	Multiple launch rocket system (BM-21 <i>Grad</i> , 122mm)	Training area near Ternove (57km east of Donetsk)	
	5	Self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm)		

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

Beyond withdrawal lines but outside of designated storage sites:

Date	No. of weapons	Type of weapons	Location	Source of observation
Government-controlled areas				
03/09/2019	1	Surface-to-air missile system (9K35 <i>Strela-10</i>)	Near Kremenivka (78km south of Donetsk)	Mid-range UAV
	3	Anti-tank guided missile system (9P148 <i>Konkurs</i> , 135mm)	Railway station in Kostiantynivka (60km north of Donetsk)	Long-range UAV
Non-government-controlled areas				
03/09/2019	36	Tanks (13 T-64 and 13 T-72 and ten type undetermined)	Training area near Ternove (57km east of Donetsk) (For previous observations, see SMM Daily Report 24 August 2019)	Long-range UAV
	2	Self-propelled howitzer (2S1 <i>Gvozdika</i> , 122mm)		
	22	Tanks	Near Bile (22km west of Luhansk)	

Table of ceasefire violations as of 4 September 2019⁸

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	3-5km SE	Recorded	1	Illumination flare	In vertical flight	N/K	3-Sep, 23:21
	2-4km SE	Recorded	1	Projectile	SW to NE	N/K	3-Sep, 23:21
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-2km SW	Recorded	1	Projectile	W to E	N/K	3-Sep, 20:58
	1-2km SW	Recorded	1	Explosion	Airburst, subsequent to previous event	N/K	3-Sep, 20:58
	0.5-1km S	Recorded	1	Explosion	Undetermined	N/K	3-Sep, 23:59
	0.5-1km S	Recorded	2	Explosion	Undetermined	N/K	4-Sep, 00:00
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	3-5km ESE	Recorded	6	Projectile	S to N	N/K	3-Sep, 21:53
	3-5km ESE	Recorded	1	Projectile	S to N	N/K	3-Sep, 22:57
	3-5km ESE	Recorded	8	Projectile	S to N	N/K	3-Sep, 23:08
	2-4km ESE	Recorded	3	Projectile	S to N	N/K	3-Sep, 23:23
SMM camera in Krasnohorivka (government-	2-4km NE	Recorded	1	Illumination flare	In vertical flight, also recorded by Marinka camera	N/K	4-Sep, 00:00

⁸ 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.

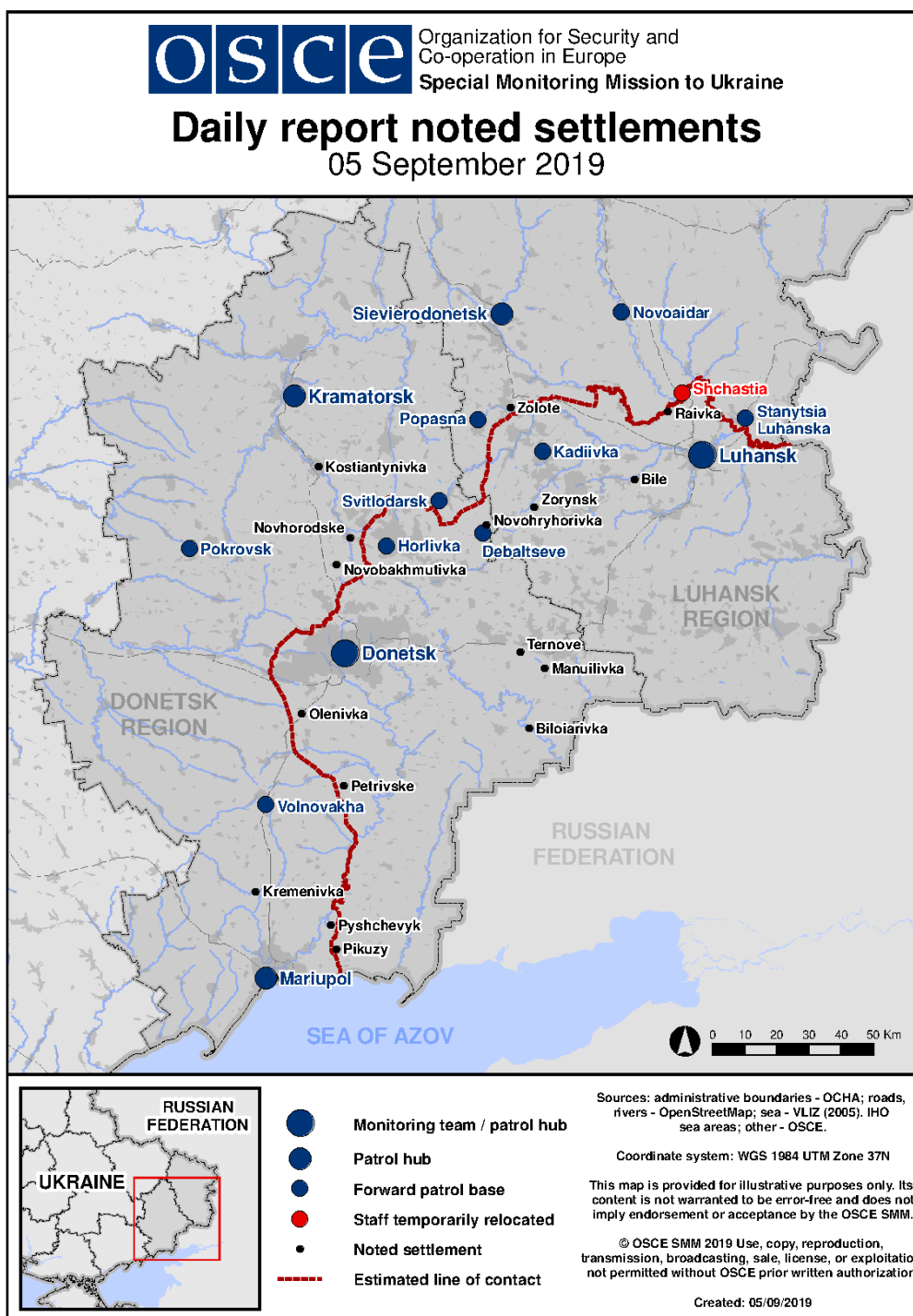
controlled, 21km W of Donetsk)	2-4km NE	Recorded	1	Illumination flare	In vertical flight, also recorded by Marinka camera	N/K	4-Sep, 00:15
	2-4km NE	Recorded	1	Illumination flare	In vertical flight, also recorded by Marinka camera	N/K	4-Sep, 00:03
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	3-5km NNE	Recorded	1	Projectile	NW to SE	N/K	3-Sep, 23:58
	3-5km NE	Recorded	1	Projectile	NW to SE	N/K	4-Sep, 01:19
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	1.5-4km NNE	Recorded	1	Illumination flare	In vertical flight	N/K	4-Sep, 01:15
SMM camera at entry-exit checkpoint in Pyshevyk (government-controlled, 25km NE of Mariupol)	2-4km S	Recorded	3	Projectile	W to E	N/K	3-Sep, 19:37
	2-4km S	Recorded	2	Explosion	Airburst, subsequent to previous event	N/K	3-Sep, 19:37
	2-4km S	Recorded	1	Explosion	Impact	N/K	3-Sep, 19:37
	2-4km SSE	Recorded	1	Projectile	E to W	N/K	3-Sep, 19:39
	2-4km S	Recorded	1	Explosion	Impact, subsequent to previous event	N/K	3-Sep, 19:39
	2-4km SSE	Recorded	1	Explosion	Undetermined	N/K	3-Sep, 19:40
	2-4km S	Recorded	3	Projectile	E to W	N/K	3-Sep, 20:41
	2-4km SSE	Recorded	7	Projectile	W to E	N/K	3-Sep, 21:53
	2-4km S	Recorded	3	Projectile	W to E	N/K	3-Sep, 22:48
	2-4km S	Recorded	4	Projectile	W to E	N/K	3-Sep, 22:49
	2-4km S	Recorded	1	Projectile	W to E	N/K	3-Sep, 22:53
	2-4km S	Recorded	1	Projectile	W to E	N/K	3-Sep, 22:54
	2-4km S	Recorded	5	Projectile	W to E	N/K	3-Sep, 22:57
	2-4km S	Recorded	16	Projectile	W to E	N/K	3-Sep, 23:08
	2-4km S	Recorded	6	Projectile	W to E	N/K	3-Sep, 23:21
	2-4km S	Recorded	2	Projectile	W to E	N/K	3-Sep, 23:22
	2-4km S	Recorded	6	Projectile	W to E	N/K	3-Sep, 23:22
	2-4km S	Recorded	7	Projectile	W to E	N/K	3-Sep, 23:50
	2-4km S	Recorded	12	Projectile	W to E	N/K	4-Sep, 00:12
	2-4km S	Recorded	10	Projectile	W to E	N/K	4-Sep, 00:13
	2-4km S	Recorded	12	Projectile	E to W	N/K	4-Sep, 00:13
	2-4km S	Recorded	2	Projectile	W to E	N/K	4-Sep, 00:16
	2-4km S	Recorded	2	Projectile	W to E	N/K	4-Sep, 00:17
	2-4km S	Recorded	12	Projectile	W to E	N/K	4-Sep, 00:26
	2-4km S	Recorded	2	Projectile	E to W	N/K	4-Sep, 01:05
	2-4km S	Recorded	3	Projectile	E to W	N/K	4-Sep, 01:06
	2-4km S	Recorded	2	Projectile	W to E	N/K	4-Sep, 01:06
	2-4km S	Recorded	3	Projectile	W to E	N/K	4-Sep, 01:07
	2-4km S	Recorded	1	Projectile	W to E	N/K	4-Sep, 04:07
	2-4km S	Recorded	3	Projectile	W to E	N/K	4-Sep, 04:11
	2-4km S	Recorded	7	Projectile	W to E	N/K	4-Sep, 04:13
	2-4km S	Recorded	1	Projectile	In vertical flight	N/K	4-Sep, 04:13
2-4km S	Recorded	6	Projectile	W to E	N/K	4-Sep, 04:19	
2-4km S	Recorded	1	Projectile	W to E	N/K	4-Sep, 04:35	
3-5km S	Recorded	1	Explosion	Impact, subsequent to	N/K	4-Sep, 04:35	

					previous event		
SMM camera 1km SW of Shyrokyne (20km E of Mariupol)	2-3km NNE	Recorded	1	Burst	In vertical flight	N/K	3-Sep, 23:20
SE edge of Avdiivka (government- controlled, 17km N of Donetsk)	1-2km SE	Heard	1	Explosion	Undetermined	N/K	4-Sep, 09:02
	2km ESE	Heard	6	Shot		HMG	4-Sep, 10:06
	2-3km ESE	Heard	4	Shot		HMG	4-Sep, 10:21
	2-3km SE	Heard	10	Burst		HMG	4-Sep, 10:30
	3km SSE	Heard	1	Explosion	Undetermined	N/K	4-Sep, 10:39
	2km ESE	Heard	2	Explosion	Undetermined	N/K	4-Sep, 11:26- 11:44
About 1km NW of Yasynuvata railway station (non- government- controlled, 16km NE of Donetsk)	2-3km SW	Heard	6	Explosion	Undetermined	N/K	4-Sep, 10:06
	2-3km SSW	Heard	11	Burst		HMG	4-Sep, 13:06- 13:09
	2-3km SSW	Heard	10	Explosion	Undetermined	N/K	4-Sep, 13:06- 13:09
	4-5km SE	Heard	7	Explosion	Undetermined	N/K	4-Sep, 13:31
	2-3km SW	Heard	1	Explosion	Undetermined	N/K	4-Sep, 13:45
	2-3km SW	Heard	2	Burst		HMG	4-Sep, 13:45
	4-5km SE	Heard	10	Explosion	Undetermined	N/K	4-Sep, 14:08- 14:10
About 1km E of Kruta Balka (non- government- controlled, 16km N of Donetsk)	2-3km SW	Heard	1	Explosion	Undetermined	N/K	4-Sep, 11:28
About 3km SSE from Lohvynove (non- government- controlled, 59km NE of Donetsk)	5-7km W	Heard	20	Explosion	Undetermined	N/K	4-Sep, 13:15- 13:16
Pikuzy (formerly Kominternove, non- government- controlled, 23km NE of Mariupol)	100-200 NW	Heard		Shot and burst	Uncountable	Small arms	4-Sep, 11:52- 11:57
About 1km NE of Pikuzy (formerly Kominternove, non- government- controlled, 23km NE of Mariupol)	300-400m NW	Heard		Shot and burst	Uncountable	Small arms	4-Sep, 12:10- 12:13
Svitlodarsk (government- controlled, 57km NE of Donetsk)	5-6km SW	Heard	2	Explosion	Undetermined	N/K	3-Sep, 20:57
	2-3km SW	Heard	16	Burst		HMG	3-Sep, 21:03- 21:12
	5-6km SW	Heard	12	Explosion	Undetermined	N/K	3-Sep, 21:03- 21:12
	5-6km SW	Heard	1	Explosion	Undetermined	N/K	3-Sep, 22:35
	5-6km SW	Heard	7	Explosion		HMG	3-Sep, 22:46- 22:49
	2-3km SW	Heard	20	Burst	Undetermined	N/K	3-Sep, 22:48-

							22:53
	2-3km S	Heard	3	Shot		SA	3-Sep, 23:07
	2-3km S	Heard	8	Burst		HMG	3-Sep, 23:08-23:10
	5-6km SW	Heard	4	Explosion	Undetermined	N/K	3-Sep, 23:11
	2-3km S	Heard	18	Burst		HMG	3-Sep, 23:24-23:27
	2-3km S	Heard	6	Shot		SA	3-Sep, 23:25
	5-6km SW	Heard	8	Explosion	Undetermined	N/K	3-Sep, 23:28-23:32
	2-3km S	Heard	8	Shot		SA	3-Sep, 23:33-23:35
	2-3km SW	Heard	12	Burst		HMG	3-Sep, 23:35-23:37
	5-6km SW	Heard	3	Explosion	Undetermined	N/K	3-Sep, 23:39
	5-6km SW	Heard	1	Explosion	Undetermined	N/K	3-Sep, 23:55
	5-6km SW	Heard	1	Explosion	Undetermined	N/K	4-Aug, 15:26
	4-5km SW	Heard	1	Explosion	Undetermined	N/K	4-Aug, 16:19
Horlivka (non-government-controlled, 39km NE of Donetsk)	3-4km WSW	Heard	7	Burst		HMG	3-Sep, 18:40
	3-4km WSW	Heard	17	Burst		HMG	3-Sep, 18:41-18:43
	3-4km WSW	Heard	20	Burst		HMG	3-Sep, 18:54
	4-6km WSW	Heard	5	Explosion	Undetermined	N/K	3-Sep, 22:40
	3-4km WSW	Heard	10	Burst		HMG	3-Sep, 22:40
	4-5km WSW	Heard	20	Burst		HMG	4-Sep, 00:05
	4-5km WSW	Heard	5	Explosion	Undetermined	N/K	4-Sep, 00:05
	4-5km WSW	Heard	15	Burst		HMG	4-Sep, 00:15
	4-5km WSW	Heard	6	Explosion	Undetermined	N/K	4-Sep, 00:15
	4-6km WSW	Heard	10	Explosion	Undetermined	N/K	4-Sep, 02:10
	4-6km WSW	Heard	15	Burst		HMG	4-Sep, 02:15
	4-6km WSW	Heard	7	Explosion	Undetermined	N/K	4-Sep, 02:30
	4-5km WNW	Heard	45	Explosion	Undetermined	N/K	4-Sep, 06:05-06:20
	4-5km WNW	Heard	20	Explosion	Undetermined	N/K	4-Sep, 06:30-06:45
	4-5km WNW	Heard	15	Explosion	Undetermined	N/K	4-Sep, 06:50-07:00
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	4-Sep, 08:26
	4-5km SW	Heard	1	Explosion	Undetermined	N/K	4-Sep, 10:10
	6-8km WNW	Heard	7	Explosion	Undetermined	N/K	4-Sep, 16:30
	5-7km NW	Heard	3	Explosion	Undetermined	N/K	4-Sep, 16:33
	3-4km W	Heard	4	Burst		N/K	4-Sep, 16:36
	4-6km WSW	Heard	4	Explosion	Undetermined	N/K	4-Sep, 18:02
	5-7km WSW	Heard	4	Explosion	Undetermined	N/K	4-Sep, 18:04
	5-7km WSW	Heard	3	Explosion	Undetermined	N/K	4-Sep, 18:05
	5-7km WSW	Heard	2	Explosion	Undetermined	N/K	4-Sep, 18:07
	5-7km WSW	Heard	9	Explosion	Undetermined	N/K	4-Sep, 18:09-18:10
	4-6km WSW	Heard	6	Burst		HMG	4-Sep, 18:11
	5-7km WSW	Heard	2	Explosion	Undetermined	N/K	4-Sep, 18:11
	4-6km SW	Heard	20	Burst		HMG	4-Sep, 18:13-18:15
	5-7km WSW	Heard	5	Explosion	Undetermined	N/K	4-Sep, 18:16
	5-7km WSW	Heard	9	Explosion	Undetermined	Small arms	4-Sep, 18:19
	5-7km WSW	Heard	2	Explosion	Undetermined	N/K	4-Sep, 18:21
	5-7km WSW	Heard	3	Explosion	Undetermined	N/K	4-Sep, 18:26
5-7km WSW	Heard	2	Explosion	Undetermined	N/K	4-Sep, 18:28	
Maiorsk (government-controlled,	3-4km SW	Heard	1	Explosion	Undetermined	N/K	4-Sep, 10:27

45km NE of Donetsk)							
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	4-5km SW	Heard	1	Explosion	Undetermined	N/K	4-Sep, 09:02
	4-5km SW	Heard	1	Explosion	Undetermined	N/K	4-Sep, 09:33
	3km E	Heard	1	Explosion	Undetermined	N/K	4-Sep, 09:45
	0.5-2km E	Heard	1	Explosion	Undetermined	N/K	4-Sep, 09:56
SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk)	3-5km ESE	Recorded	1	Projectile	In vertical flight	N/K	3-Sep, 23:29
	3-5km ESE	Recorded	1	Explosion	Airburst, subsequent to previous event	N/K	3-Sep, 23:29
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	1-2km ESE	Recorded	8	Projectile	NNW to SSE (assessed as inside the disengagement area)	N/K	4-Sep, 01:54
N edge of Popasna (government-controlled, 69km W of Luhansk)	1-2km NW	Heard	1	Explosion	Undetermined	N/K	4-Sep, 09:42
Zolote-4/Rodina (government-controlled, 59km W of Luhansk)	5-7km WNW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	4-Sep, 10:25
S edge of the disengagement area near Zolote (58km W of Luhansk)	3-5km W	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	4-Sep, 10:26
About 1.5km SW of Komyshuvakha (government-controlled, 68km W of Luhansk)	2-3km WSW	Heard	1	Explosion	Undetermined	N/K	4-Sep, 10:27
2km SW of Vesela Hora (non-government-controlled, 16km north of Luhansk)	8km W	Heard	1	Explosion	Undetermined	N/K	4-Sep, 13:55
	10km W	Heard	1	Explosion	Undetermined	N/K	4-Sep, 14:10

Map of Donetsk and Luhansk regions⁹



⁹ The SMM is deployed to ten locations throughout Ukraine – Kherson, Odessa, Lviv, Ivano-Frankivsk, Kharkiv, Donetsk, Dnipro, Chemivtsi, 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).