

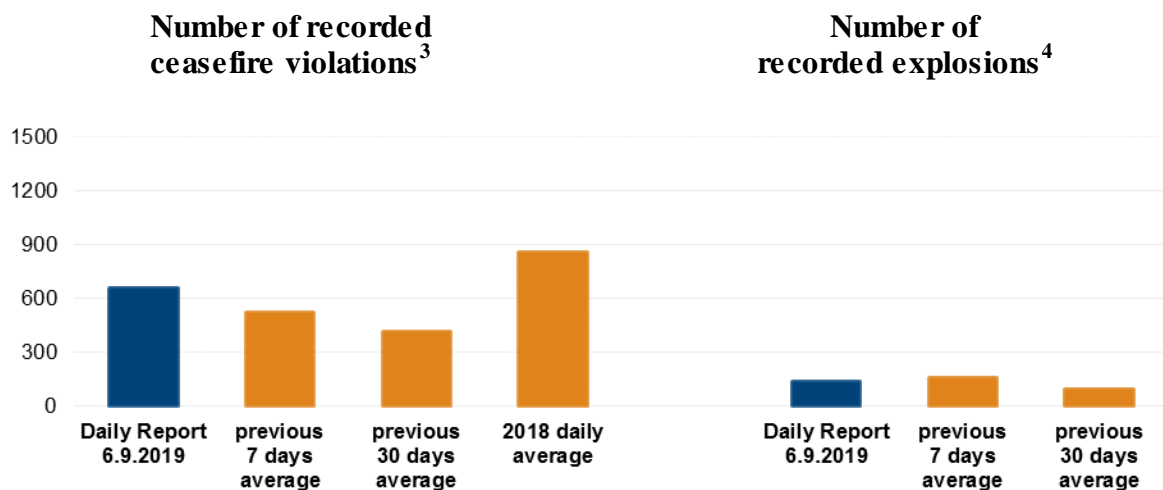
Daily Report 211/2019

6 September 2019¹

Summary

- Compared with the previous reporting period, the SMM recorded fewer ceasefire violations in Donetsk region and more in Luhansk region.
- Inside the Stanytsia Luhanska disengagement area the Mission saw the removal of concrete barriers and the widening of the road approaching the bridge.
- The Mission saw 22 weapons in violation of withdrawal lines, all but one in non-government controlled areas.
- The SMM monitored adherence to the ceasefire to facilitate repairs to and the operation of essential civilian infrastructure, including a water pipeline between Zolote-3/Stakhanovets and Popasna.
- Restrictions of the Mission's access continued, including at a checkpoint near Bezimenne.*
- The SMM monitored protests outside the National Council Television and Radio Broadcasting in Kyiv and the General Consulate of the Russian Federation in Lviv.

Ceasefire violations²



¹ Based on information from the Monitoring Teams as of 19:30, 5 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 Kriakivka and Chermalyk were not operational.

³ Including explosions.

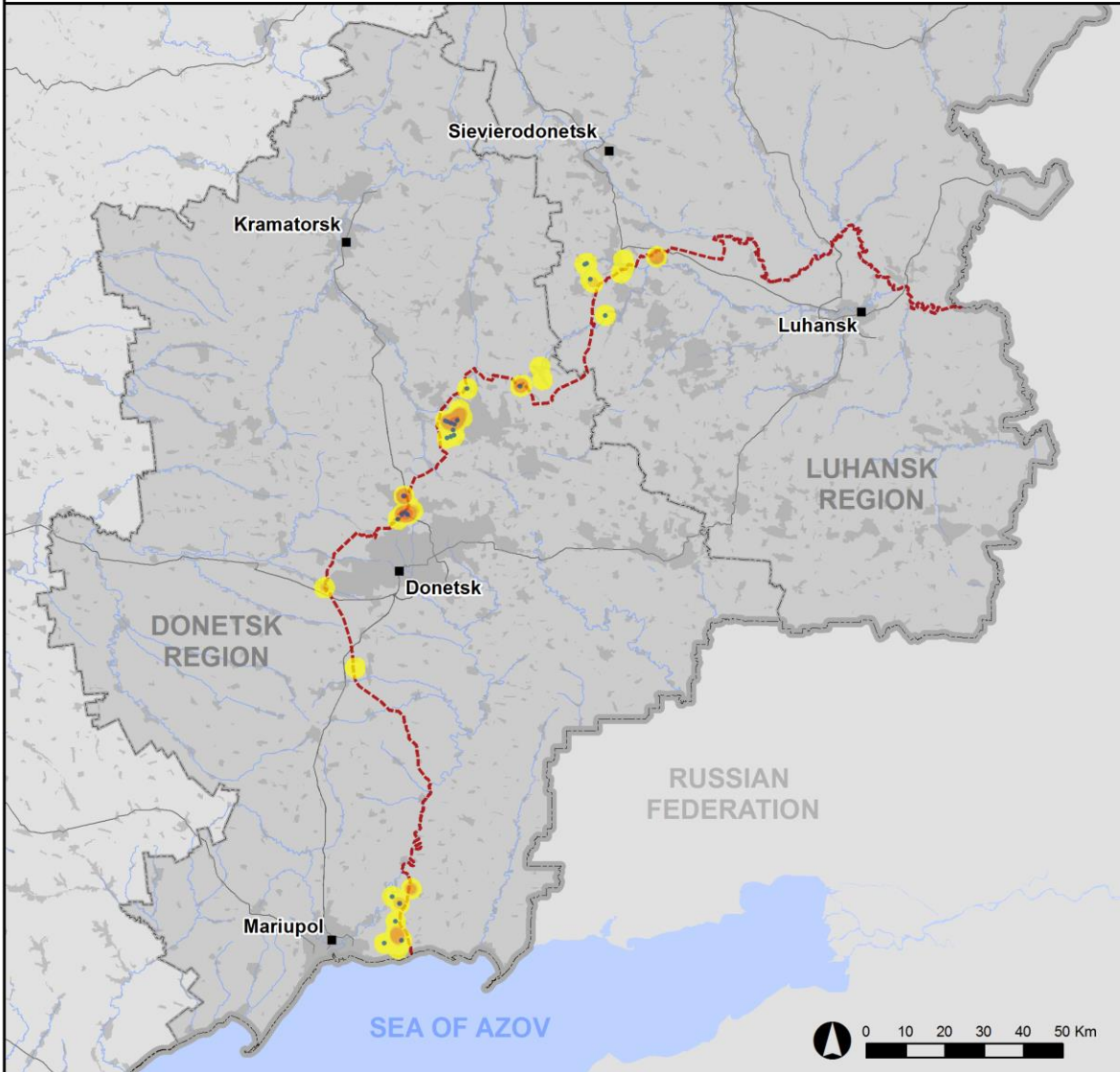
⁴ Including from unidentified weapons.

Maps of recorded ceasefire violations

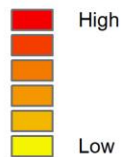


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 05 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: 06/09/2019

In Donetsk region, the SMM recorded fewer ceasefire violations, including fewer explosions (about 140), compared with the [previous reporting period](#) (about 285 explosions). The majority of ceasefire violations were recorded at north-westerly directions of Horlivka (non-government-controlled, 39km north-east of Donetsk), south-east of Avdiivka (government-controlled, 17km north of Donetsk) and south-west of Yasynuvata (non-government-controlled, 16km north-east of Donetsk)

In Luhansk region, the SMM recorded more ceasefire violations, however, fewer explosions (four), compared with [previous reporting period](#) (seven explosions). The majority of ceasefire violations were recorded at easterly directions of Popasna (government-controlled, 69km west of Luhansk) and at south-easterly directions of Zolote (government-controlled, 60km west of Luhansk).

Stanytsia Luhanska disengagement area

On the morning of 5 September, the SMM observed one refuse truck, one crane and six members of the State Emergency Service (SES) of Ukraine removing about 40 concrete barriers from the road around 650m north-north-west of the broken section of the Stanytsia Luhanska bridge (15km north-east of Luhansk). In the afternoon, the SMM observed a team of ten civilian workers from government-controlled areas near the shelter of a humanitarian organization, close to the entry-exit checkpoint of the Ukrainian Armed Forces, widening the paved road leading to the bridge, using one refuse truck, one crane and two backhoes.

The SMM also observed five members of the armed formations beneath the broken section of the bridge clearing the area of debris.

Other disengagement areas⁵

On the evening and night of 4-5 September, the SMM camera in Zolote recorded five projectiles in flight and one muzzle flash at an assessed range of 2-4km south-east, assessed as inside the disengagement area. The camera also recorded five projectiles in flight at an assessed range of 2-4km east-north-east and east, assessed as outside the disengagement area but within its 5km periphery, and a projectile in vertical flight at an assessed range of 2-4km east-south-east, which could not be assessed as inside or outside the disengagement area.

On 5 September, inside the disengagement area near Zolote an SMM mini-unmanned aerial vehicle (UAV) spotted a new trench running for about 35m south-west towards a railway overpass about 900m south of the area's northern edge and about 2km west of its eastern edge, assessed as belonging to the Ukrainian Armed Forces (not seen in imagery from 22 August 2019).

Positioned close to the disengagement area near Petrivske (non-government-controlled, 41km south of Donetsk), the Mission observed a calm situation.

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

Weapons that the SMM could not verify as withdrawn⁶

At a heavy weapons permanent storage site in a non-government-controlled area of Luhansk region

5 September

The SMM noted that five towed howitzers (2A65 *Msta-B*, 152mm) continued to be missing.

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 22 weapons in violation of withdrawal lines (for more details, see the below table of weapons in violation of withdrawal lines as of 5 September 2019.)

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

Government-controlled areas

5 September

An SMM long-range UAV spotted:

- a probable infantry fighting vehicle (IFV) and a probable armoured personnel carrier (APC) (BTR variant) south-east of Troitske (69km west of Luhansk); and
- a probable mine resistant ambush protected vehicle (MRAP) near Zolote.

4 September

An SMM mini-UAV spotted a probable armoured combat vehicle under a camouflaged structure in the yard of a civilian house in Vidrodzhennia (66km north-east of Donetsk).

The SMM saw:

- an APC (BTR-80) near Popasna;
- an APC (BTR-70) in Artema (26km north of Luhansk) and
- an APC (BTR-70) near Orlivka (22km north-west of Donetsk).

Non-government-controlled areas

5 September

An SMM long-range UAV spotted:

- an IFV (BMP-2) east of Bila Kamianka (51km south of Donetsk);
- five IFVs (BMP-1) in a destroyed industrial facility in Kalmiuske (formerly Komsomolske, 42km south-east of Donetsk); and
- an IFV (BMP-2) and an APC (BTR variant) in a training area near Novoselivka (37km north-east of Donetsk).

Recent craters in Pikuzy

⁶ The SMM visited areas previously holding 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. The SMM noted that one such site continued to be abandoned.

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

On 4 September, an SMM mini UAV spotted 15 recent craters in Pikuzy (formerly Kominternove, non-government-controlled, 23km north-east of Mariupol), all assessed as caused by 122mm artillery rounds (not seen in imagery from 9 August 2019) fired from westerly and north-westerly directions. Four craters were located about 65m from civilian houses (three on the north-eastern edge and one on the south-western edge of Pikuzy), three were located on road T-0519 on the western entrance to Pikuzy and one was located in a field on the south-south-eastern edge of Pikuzy. An additional seven craters were located in the northern part of Pikuzy, about 55m from civilian houses. The same UAV also spotted a trench in the yard of a civilian house, on a street parallel and north of Akhmatovoi Street, with members of the armed formations present (for previous observations, see [SMM Spot Report 4 September 2019](#)).

SMM facilitation of repairs to and the operation of civilian infrastructure

The SMM monitored adherence to the ceasefire to enable assessments and repairs to a water pipeline between Zolote-3/Stakhanovets (government-controlled, 61km west of Luhansk) and Popasna (69km west of Luhansk).

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).

SMM monitored two gatherings at the National Council of Television and Radio Broadcasting in Kyiv

In Kyiv, the SMM saw two groups of about 100 people each at 2 Prorizna Street in front of the National Council of Television and Radio Broadcasting. About 100 participants (mixed ages and gender) held signs accusing two Ukrainian television channels of broadcasting anti-Ukrainian messages. About 100 participants (mixed gender, aged 20-30) held signs supporting the channels and calling on the government to allow the channels to continue broadcasting. The SMM observed 200 law enforcement officers present. The gatherings ended without incidents.

SMM monitors a gathering at the General Consulate of the Russian Federation in Lviv

In Lviv, on 3 September, the SMM saw about 100 people (about 90 per cent men and 10 per cent women, aged 30-50, about 20 per cent wearing Ukrainian Armed Forces uniforms) gather at 95 Levytskoho Street in front of the General Consulate of the Russian Federation. Those gathered held a banner depicting photos of Ukrainian Armed Forces soldiers who had died on 6 August near the contact line and a speaker called on authorities and members of the international community to take action to end the conflict. The gathering lasted for about 30 minutes and ended peacefully.

***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 2.5km west of Bezimenne (non-government-controlled, 30km east of Mariupol), two members of the armed formations (one armed) [again](#) denied the SMM passage west.

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.

Other impediments:

- On the evening and night of 4-5 September, an SMM long range-UAV lost its GPS signal due to signal interference, assessed as caused by probable jamming, while flying over areas near Kostiantynivka (government-controlled, 60km north of Donetsk) and Kolosnykove (non-government-controlled, 20km east of Donetsk). The same UAV also experienced dual GPS signal interference, assessed as caused by jamming, while flying over areas near Petrivske (non-government-controlled, 41km south of Donetsk).
- On 5 September, an SMM mid-range-UAV experienced signal interference while flying over areas near Popasna (government-controlled, 69km west of Luhansk), assessed as caused by probable jamming.

Tables of weapons as of 5 September 2019

Weapons in violation of withdrawal lines:

Date	No. of weapons	Type of weapon	Location	Source of observation
Government-controlled areas				
05/09/2019	1	Self-propelled howitzer (2S3 Akatsiya, 152mm)	South-east of Dyllivka (49km north of Donetsk)	Long-range UAV
Non-government-controlled areas				
02/09/2019	3	Multiple launch rocket systems (type undetermined)	Training area near Boikivske (formerly Telmanove, 67km south-east of Donetsk)	Aerial imagery
05/09/2019	3	Probable tanks (T-72)	Training area near Novoselivka (37km north-east of Donetsk)	Long-range UAV

05/09/2019	15	MLRS (BM-21 <i>Grad</i> , 122mm)	Khrustalnyi (formerly Krasnyi Luch, 56km south-west of Luhansk)	Patrol
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Beyond withdrawal lines but outside of designated storage sites:

Date	No. of weapons	Type of weapons	Location	Source of observation
Government-controlled areas				
05/09/2019	2	Anti-tank gun (MT-12 <i>Rapira</i> , 100mm)	South-west of Lysychansk (75km north-west of Luhansk)	Patrol

Table of ceasefire violations as of 5 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 a vertical flight	N/K	4-Sep, 19:47
	0.3-1km SSW	Recorded	1	Projectile	NW to SE	N/K	4-Sep, 21:54
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	2-3km S	Recorded	3	Projectile	NW to SE	N/K	4-Sep, 22:43
	0.3-1km SSW	Recorded	1	Projectile	NW to SE	N/K	5-Sep, 03:08
SMM camera 1.5km NE of Hnutove (government-controlled, 20km NE of Mariupol)	4-6km ENE	Recorded	4	Projectile	NNW to SSE	N/K	4-Sep, 20:52
	4-6km ENE	Recorded	9	Projectile	NNW to SSE	N/K	4-Sep, 20:53
	4-6km ENE	Recorded	7	Projectile	NNW to SSE	N/K	4-Sep, 20:54
	4-6km ENE	Recorded	4	Projectile	NNW to SSE	N/K	4-Sep, 20:55
SMM camera E of Lomakyne (government-controlled, 15km NE of Mariupol)	3-5km ENE	Recorded	2	Explosion	Undetermined	N/K	4-Sep, 19:54
	1-3km E	Recorded	1	Projectile	NW to SE	N/K	4-Sep, 22:38
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	1-3km E	Recorded	1	Explosion	Undetermined	N/K	5-Sep, 02:17
	1-3km E	Recorded	1	Explosion	Undetermined	N/K	5-Sep, 02:51
	1-2km NNE	Recorded	1	Projectile	In a vertical flight	N/K	5-Sep, 01:00
SMM camera at entry-exit checkpoint in Marinka (government-controlled, 23km SW of Donetsk)	1-2km NNE	Recorded	4	Projectile	In a vertical flight	N/K	5-Sep, 01:04
	1-2km NNE	Recorded	2	Projectile	In a vertical flight	N/K	5-Sep, 01:05
	1-2km NNE	Recorded	1	Projectile	In a vertical flight	N/K	5-Sep, 02:59
	1-2km NNE	Recorded	1	Projectile	In a vertical flight	N/K	5-Sep, 03:00
	1-2km NNE	Recorded	1	Projectile	In a vertical flight	N/K	5-Sep, 03:01
	1-2km NNE	Recorded	1	Projectile	In a vertical flight	N/K	5-Sep, 03:01
SMM camera at entry-exit checkpoint in	3-4km S	Recorded	1	Illumination flare	In a vertical flight	N/K	4-Sep, 21:46
	3-5km S	Recorded	3	Projectile	NW to SE	N/K	4-Sep, 23:04

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.

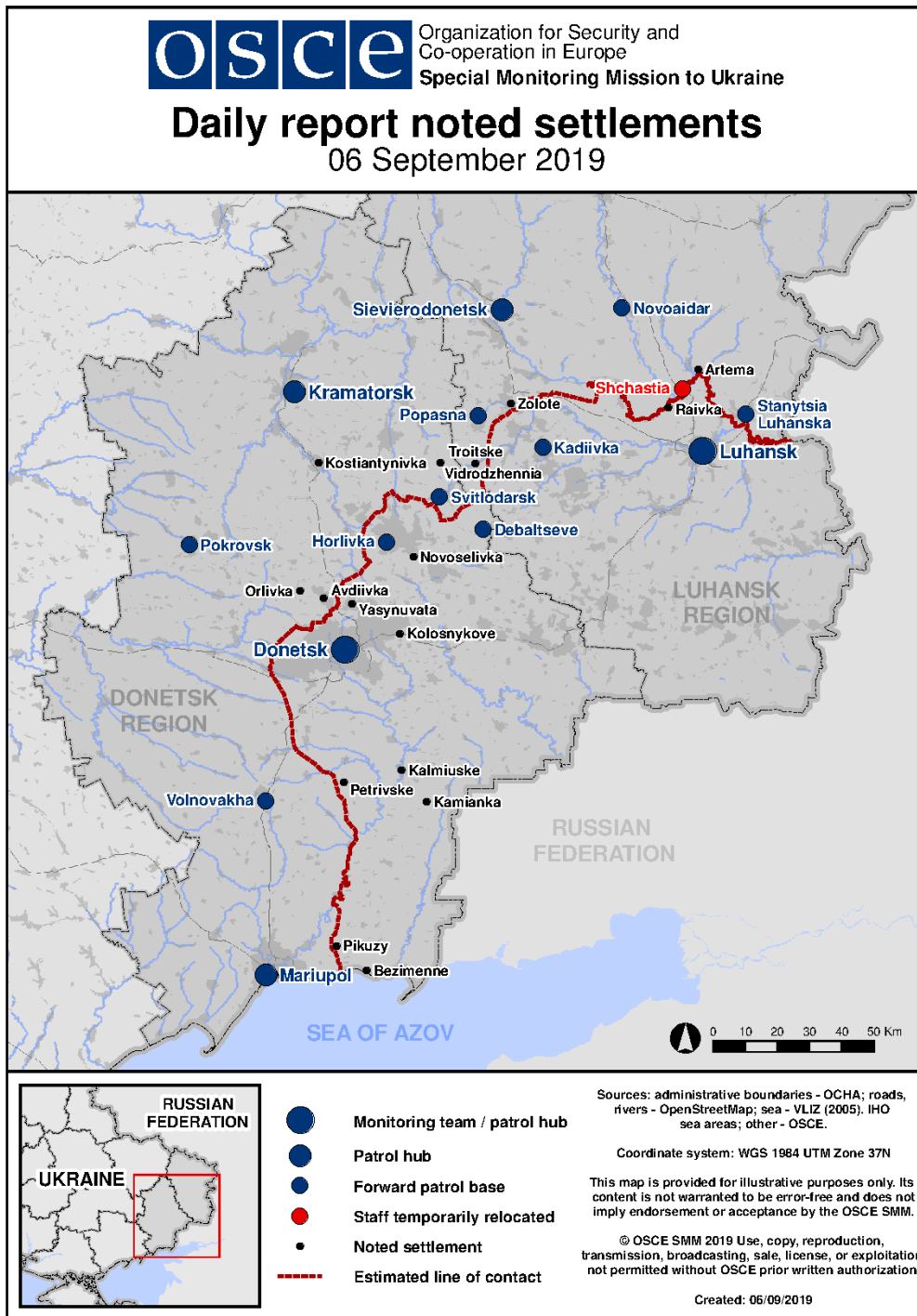
SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, Time
Pyshchevyk (government-controlled, 25km NE of Mariupol)	3-5km S	Recorded	4	Projectile	NE to SW	N/K	5-Sep, 01:16
	3-5km S	Recorded	1	Projectile	NW to SE	N/K	5-Sep, 01:17
	3-5km S	Recorded	1	Explosion	Out going	N/K	5-Sep, 01:17
	3-5km S	Recorded	1	Projectile	WNW to ESE	N/K	5-Sep, 01:18
	3-5km S	Recorded	1	Projectile	WNW to ESE	N/K	5-Sep, 01:19
	3-5km S	Recorded	2	Projectile	WNW to ESE	N/K	5-Sep, 01:22
	3-5km S	Recorded	1	Illumination flare	In a vertical flight	N/K	5-Sep, 02:13
	3-5km S	Recorded	1	Illumination flare	In a vertical flight	N/K	5-Sep, 02:15
SMM camera in Svitlodarsk (government-controlled, 57km NE of Donetsk)	2-4km ESE	Recorded	1	Illumination flare	In a vertical flight	N/K	5-Sep, 03:03
	2-4km NE	Recorded	1	Projectile	SE to NW	N/K	5-Sep, 04:09
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	2-3km SE	Heard	11	Burst		HMG	5-Sep, 09:07
	2-3km SE	Heard	7	Shot		Small arms	5-Sep, 09:07
	2-3km SE	Heard	3	Explosion	Undetermined	N/K	5-Sep, 09:07
	2-3km SE	Heard	11	Shot	Out going	IFV (BMP-2)	5-Sep, 09:20-09:22
	2-3km SE	Heard	4	Burst		HMG	5-Sep, 09:20-09:22
	3-4km S	Heard	1	Explosion	Undetermined	N/K	5-Sep, 10:30
	2-3km SSE	Heard	1	Explosion	Undetermined	N/K	5-Sep, 12:25
	2-3km SSE	Heard	14	Shot		Small arms	5-Sep, 12:25
	2-3km SSE	Heard	33	Burst		HMG	5-Sep, 12:25-12:39
	2-3km SSE	Heard	4	Burst		AGL	5-Sep, 12:32
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	2-3km SW	Heard	16	Burst		HMG	5-Sep, 08:57
	3-4km SW	Heard	Uncountable	Shots and bursts	Uncountable about 1 min.	HMG	5-Sep, 09:08-09:09
	3-4km SW	Heard	18	Explosion	Undetermined	N/K	5-Sep, 09:22
	3-4km SW	Heard	3	Shot		Small arms	5-Sep, 09:22
	3-4km SW	Heard	1	Shot		HMG	5-Sep, 09:50
	3-4km SW	Heard	24	Shot		AGL	5-Sep, 12:30-12:35
	3-4km SW	Heard	24	Explosion	Impact	N/K	5-Sep, 12:30-12:35
2km SW of Pyshchevyk (government-controlled, 25km NE of Mariupol)	N/K SE	Heard	3	Explosion	Undetermined	N/K	5-Sep, 10:48
	N/K SE	Heard	1	Explosion	Undetermined	N/K	5-Sep, 11:16
WSW edge of Lebedynske (government-controlled, 16km NE of Mariupol)	N/K NE	Heard	3	Explosion	Undetermined	N/K	5-Sep, 10:48
	3-4km NE	Heard	22	Shot		Small arms	5-Sep, 12:10
	3-4km NNE	Heard	4	Shot		Small arms	5-Sep, 12:54-12:59
	3-4km NNE	Heard	26	Burst		Small arms	5-Sep, 12:54-12:59
	3-4km NE	Heard	3	Burst		Small arms	5-Sep, 13:00
	3-4km NE	Heard	1	Explosion	Undetermined	N/K	5-Sep, 13:00
About 1km SW of Shyrokyne (government-controlled, 20km E of Mariupol)	2-3km NNW	Heard	3	Shot		Small arms	5-Sep, 12:54-12:59
	2-3km NNW	Heard	1	Burst		Small arms	5-Sep, 12:54-12:59
Svitlodarsk	3-5km SW	Heard	6	Explosion	Undetermined	N/K	4-Sep, 18:44-

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, Time
(government-controlled, 57km NE of Donetsk)							18:49
	3-4km SW	Heard	3	Burst	Undetermined	HMG	4-Sep, 19:10
	3-4km SW	Heard	12	Burst	Undetermined	HMG	4-Sep, 20:10
	3-5km SW	Heard	24	Explosion	Undetermined	N/K	4-Sep, 20:16-21:50
	3-4km SW	Heard	5	Burst	Undetermined	HMG	4-Sep, 22:15
	5-6km WSW	Heard	3	Explosion	Undetermined	N/K	4-Sep, 18:31
	4-5km WSW	Heard	1	Explosion	Undetermined	N/K	4-Sep, 18:33
	3-4km WNW	Heard	1	Shot		Small arms	4-Sep, 19:01
	3-4km WNW	Heard	1	Shot		Small arms	4-Sep, 19:03
	3-4km WNW	Heard	1	Explosion	Undetermined	N/K	4-Sep, 20:12
	4-5km WNW	Heard	1	Explosion	Undetermined	N/K	4-Sep, 20:13
	4-5km WNW	Heard	1	Explosion	Undetermined	N/K	4-Sep, 20:33
	4-5km NW	Heard	1	Burst		HMG	4-Sep, 21:21
	4-5km NW	Heard	3	Burst		HMG	4-Sep, 21:30
	4-5km NW	Heard	1	Shot		HMG	4-Sep, 21:31
	4-5km NW	Heard	3	Burst		HMG	4-Sep, 21:32
	4-5km NW	Heard	4	Burst		HMG	4-Sep, 21:40
	4-5km NNW	Heard	9	Burst		HMG	4-Sep, 21:46
	4-5km NNW	Heard	12	Burst		HMG	4-Sep, 21:47
	4-5km NW	Heard	2	Burst		HMG	4-Sep, 21:56
	4-5km NW	Heard	1	Shot		HMG	4-Sep, 21:56
	4-5km WNW	Heard	1	Shot		HMG	4-Sep, 21:57
	4-5km WNW	Heard	7	Burst		HMG	4-Sep, 22:01
	4-5km WNW	Heard	3	Burst		HMG	4-Sep, 22:03
	5-6km WNW	Heard	5	Burst		HMG	4-Sep, 22:11
	5-6km WNW	Heard	9	Burst		HMG	4-Sep, 22:14
	5-6km WNW	Heard	1	Explosion	Undetermined	N/K	4-Sep, 22:34
	5-6km WNW	Heard	1	Explosion	Undetermined	N/K	4-Sep, 22:40
	5-6km WNW	Heard	1	Explosion	Undetermined	N/K	4-Sep, 22:41
	5-6km NNW	Heard	4	Burst		HMG	4-Sep, 22:41
	4-5km WNW	Heard	2	Explosion	Undetermined	N/K	4-Sep, 22:43
	4-5km NW	Heard	1	Burst		HMG	4-Sep, 22:43
	4-5km NW	Heard	1	Burst		HMG	4-Sep, 22:46
	6km WNW	Heard	2	Explosion	Undetermined	N/K	4-Sep, 22:49
	5-6km WNW	Heard	8	Burst		HMG	4-Sep, 22:55
	5-6km WNW	Heard	4	Shot		HMG	4-Sep, 23:00
	5-6km WNW	Heard	3	Burst		HMG	4-Sep, 23:03
	4-5km NW	Heard	3	Shot		HMG	4-Sep, 23:23
	4-5km WNW	Heard	3	Burst		HMG	4-Sep, 23:46
	4-5km WNW	Heard	1	Explosion	Undetermined	N/K	5-Sep, 00:28
	4-5km WNW	Heard	2	Burst		HMG	5-Sep, 00:30
	3-4km NW	Heard	7	Shot		Small arms	5-Sep, 00:31
	3-4km NNW	Heard	3	Shot		Small arms	5-Sep, 00:35
	3-4km NW	Heard	5	Shot		Small arms	5-Sep, 00:38
	4-5km NW	Heard	1	Burst		HMG	5-Sep, 00:48
	5-6km WNW	Heard	1	Explosion	Undetermined	N/K	5-Sep, 00:55
	5-6km WNW	Heard	1	Explosion	Undetermined	N/K	5-Sep, 01:00
	3-4km NW	Heard	7	Shot		HMG	5-Sep, 01:07
	3-4km NW	Heard	1	Shot		HMG	5-Sep, 01:11
	3-4km WNW	Heard	1	Burst		HMG	5-Sep, 01:19
	3-4km W	Heard	1	Shot		HMG	5-Sep, 01:51
	3-4km WSW	Heard	1	Explosion	Undetermined	N/K	5-Sep, 01:51
Horlivka (non-government-controlled, 39km NE of Donetsk)							

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, Time
	3-4km WNW	Heard	1	Explosion	Undetermined	N/K	5-Sep, 01:58
	3-4km WNW	Heard	3	Burst		HMG	5-Sep, 02:02
	3-4km WNW	Heard	1	Explosion	Undetermined	N/K	5-Sep, 02:03
	4-5km WNW	Heard	2	Shot		HMG	5-Sep, 02:07
	4-5km WNW	Heard	1	Explosion	Undetermined	N/K	5-Sep, 02:07
	5-6km WNW	Heard	1	Explosion	Undetermined	N/K	5-Sep, 02:10
	3-4km NW	Heard	1	Explosion	Undetermined	N/K	5-Sep, 02:17
	3-4km NW	Heard	3	Burst		HMG	5-Sep, 02:18
	3-4km W	Heard	1	Explosion	Undetermined	N/K	5-Sep, 02:22
	3-4km WNW	Heard	1	Shot		HMG	5-Sep, 02:22
	3-4km WNW	Heard	3	Shot		Small arms	5-Sep, 02:23
	3-4km NW	Heard	1	Explosion	Undetermined	N/K	5-Sep, 02:39
	3-4km NW	Heard	9	Shot		Small arms	5-Sep, 02:50
	3-4km WNW	Heard	3	Burst		HMG	5-Sep, 02:51
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	2-4km S	Heard	24	Burst		HMG	5-Sep, 08:57-09:00
	2-4km S	Heard	7	Burst		HMG	5-Sep, 09:01
	2-4km S	Heard	1	Explosion	Undetermined	N/K	5-Sep, 09:01
	2-4km S	Heard	8	Explosion	Undetermined	N/K	5-Sep, 09:05-09:07
	2-4km S	Heard	16	Burst		HMG	5-Sep, 09:05-09:07
	2-4km S	Heard	4	Burst		HMG	5-Sep, 09:22-09:24
	2-4km S	Heard	12	Explosion	Undetermined	N/K	5-Sep, 09:22-09:24
	2-4km S	Heard	1	Shot		Small arms	5-Sep, 09:46
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	2-4km SE	Recorded	1	Projectile	SW to NE (assessed as inside the disengagement area)	N/K	4-Sep, 23:05
	2-4km E	Recorded	1	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	4-Sep, 23:08
	2-4km ESE	Recorded	1	Projectile	In vertical flight (unable to assess whether inside or outside the disengagement area)	N/K	4-Sep, 23:09
	2-4km SE	Recorded	1	Muzzle flash	Assessed as inside the disengagement area	N/K	4-Sep, 23:10
	2-4km SE	Recorded	1	Projectile	SSW to NNE (assessed as inside the disengagement area)	N/K	4-Sep, 23:10
	2-4km SE	Recorded	1	Projectile	N to S (assessed as inside the disengagement area)	N/K	4-Sep, 23:10
	2-4km SE	Recorded	1	Projectile	SW to NE (assessed as inside the	N/K	4-Sep, 23:11

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, Time
					disengagement area)		
	2-4km SE	Recorded	1	Projectile	N to S (assessed as inside the disengagement area)	N/K	5-Sep, 00:42
	2-4km E	Recorded	2	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	5-Sep, 00:57
	2-4km ENE	Recorded	2	Projectile	NNW to SSE (assessed as outside the disengagement area)	N/K	5-Sep, 00:58
N edge of Popasna (government-controlled, 69km W of Luhansk)	3-5km ESE	Heard	11	Burst		HMG	5-Sep, 01:04-01:10
	3-5km ESE	Heard	1	Burst		HMG	5-Sep, 01:39
	1-2km NNW	Heard	1	Explosion	Undetermined	N/K	5-Sep, 09:47
	7-10km SSE	Heard	1	Explosion	Undetermined	N/K	5-Sep, 13:30
2km WSW of Komyshevakha (government-controlled, 68km west of Luhansk)	1-2km WSW	Heard	1	Explosion	Outgoing	Artillery	5-Sep, 09:50
	1-2km WSW	Heard	1	Explosion	Outgoing	Artillery	5-Sep, 10:32
Holubivske (non-government-controlled, 51km west of Luhansk)	1-2km NNE	Heard	30	Burst		HMG	5-Sep, 10:07-10:11
	1-2km NNE	Heard	25	Shot		Small arms	5-Sep, 10:07-10:11

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).