

Daily Report 42/2022

23 February 2022¹

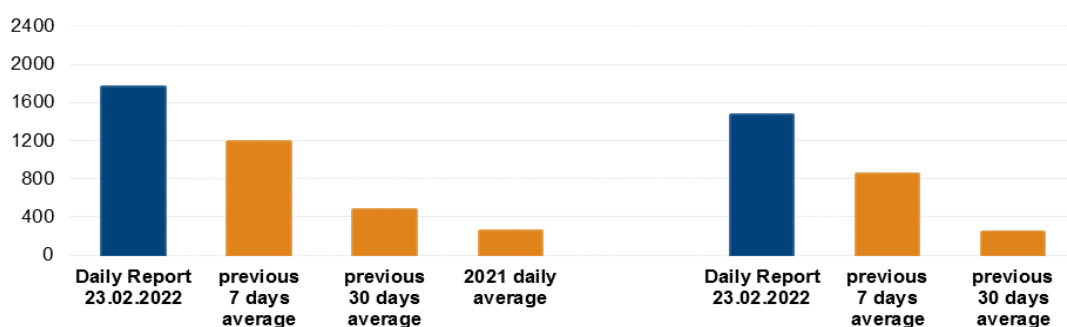
Summary

- In Donetsk region, the SMM recorded 528 ceasefire violations, including 345 explosions. In the previous reporting period, it recorded 703 ceasefire violations in the region.
- In Luhansk region, the Mission recorded 1,182 ceasefire violations, including 1,075 explosions. In the previous reporting period, it recorded 1,224 ceasefire violations in the region.
- The Mission continued monitoring the disengagement areas near Stanytsia Luhanska and Zolote and recorded ceasefire violations (including explosions) inside and near both areas. Inside the latter area, the SMM recorded 16 projectiles assessed as rockets from a multiple launch rocket system. It monitored the disengagement area near Petrivske only from a distance due to security considerations.
- The Mission continued to follow up on the situation of civilians, including at four entry-exit checkpoints and one corresponding checkpoints of the armed formations in Donetsk and Luhansk regions.
- The SMM visited two border crossing points in Luhansk region, one in a government-controlled and the other in a non-government-controlled area.
- The Mission monitored areas in west Kherson region and southern Mykolaiv region.
- The Mission observed a gathering in Kyiv.
- The SMM's freedom of movement continued to be restricted, including at two checkpoints of the armed formations near the border with the Russian Federation in Donetsk region and at a border crossing point outside government control in Luhansk region. The Mission's long-range unmanned aerial vehicle again encountered instances of GPS signal interference, assessed as caused by jamming and probable jamming.*

Ceasefire violations²

Number of recorded ceasefire violations³

Number of recorded explosions⁴



¹ Based on information from the Monitoring Teams as of 19:30, 22 February 2022. All times are in Eastern European Time. During the reporting period, the SMM cameras near Bohdanivka and in Petrivske were not operational and weather conditions precluded observational capabilities of some other SMM cameras.

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

³ Including explosions.

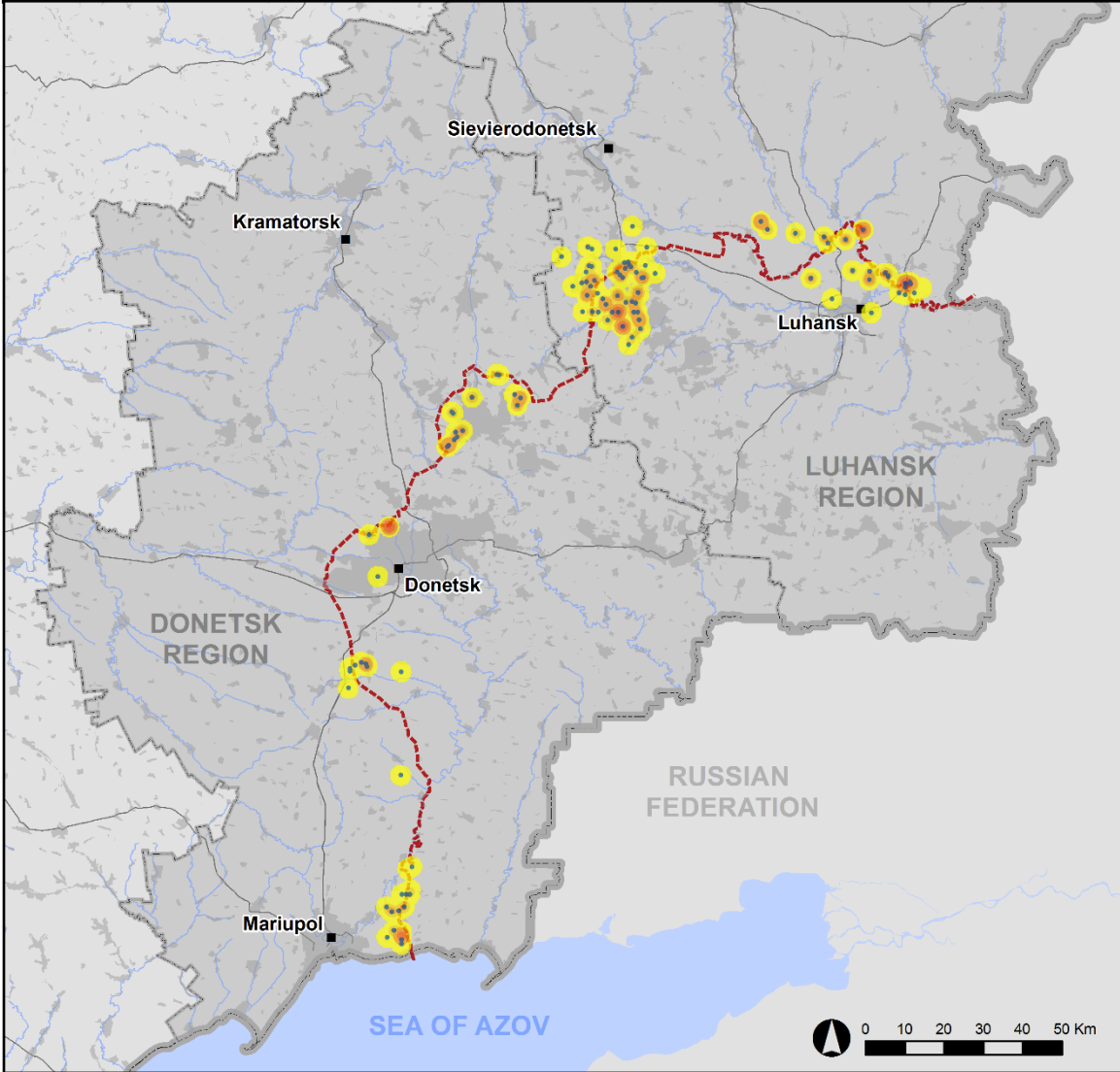
⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

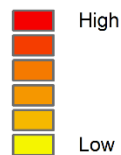


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 22 February 2022



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: 23/02/2022

In Donetsk region, the SMM recorded 528 ceasefire violations, including 345 explosions (42 outgoing, nine impacts, five airbursts, and 289 undetermined). The majority of ceasefire violations were recorded in areas north-west, north-east, and south-west of Horlivka (non-government-controlled, 39km north-east of Donetsk), north of Shyrokyne (government-controlled, 100km south of Donetsk), as well as north-north-west and north-west of non-government-controlled Donetsk city. In the [previous reporting period](#), the Mission recorded 703 ceasefire violations in the region, some of which also occurred near Horlivka and Shyrokyne.

In Luhansk region, the SMM recorded 1,182 ceasefire violations, including 1,075 explosions (173 outgoing, 52 impacts and 850 undetermined). The majority of ceasefire violations were recorded west, north-west, and south-west of Kadiivka (formerly Stakhanov, non-government-controlled, 50km west of Luhansk) as well as inside and near the disengagement areas near Stanytsia Luhanska (government-controlled, 16km north-east of Luhansk) and Zolote (government-controlled, 60km west of Luhansk). Inside the latter area, the SMM registered 16 projectiles assessed as rockets fired from a multiple launch rocket system (see below). In the [previous reporting period](#), the SMM recorded 1,224 ceasefire violations in the region, most of which also occurred near the disengagement areas near Stanytsia Luhanska and Zolote.

Following agreement reached at the meeting of the Trilateral Contact Group on 22 July 2020 regarding Measures to strengthen the ceasefire, from 00:01 on 27 July 2020 until the end of the reporting period, the SMM has recorded at least 118,636 ceasefire violations in both Donetsk and Luhansk regions (including 36,686 explosions, 26,605 projectiles in flight, 491 muzzle flashes, 524 illumination flares, and at least 54,330 bursts and shots).

Disengagement areas near Stanytsia Luhanska, Zolote and Petrivske⁵

During the reporting period, the SMM camera on Stanytsia Luhanska bridge (15km north-east of Luhansk) recorded seven projectiles in flight assessed as inside the **disengagement area near Stanytsia Luhanska**. The SMM camera at Prince Ihor Monument, south-east of Stanytsia Luhanska bridge, recorded 15 undetermined explosions, while SMM patrols heard 106 undetermined explosions and 68 bursts of heavy-machine-gun, small-arms, and undetermined fire, all assessed as outside the disengagement area, but within 5km of its periphery. (For details, see the table below.)

Inside the disengagement area, the Mission observed three members of the armed formations (wearing armbands with “JCCC” written on them) south of the repaired span of the Stanytsia Luhanska bridge.

On 22 February, at 18:52, the SMM camera in Zolote recorded 16 projectiles in flight at an assessed range of 2-4km south-east, assessed as rockets fired from a multiple launch rocket system. These projectiles were assessed as inside the **disengagement area near Zolote** and were also heard by the SMM from a listening post in Kadiivka (formerly Stakhanov, non-government-controlled, 50km west of Luhansk). During the reporting period, the same camera and the SMM camera on the northern edge of Popasna (government-controlled, 69km west of Luhansk) recorded one undetermined explosion and 16 projectiles in flight, while

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

SMM patrols heard 80 explosions (38 outgoing, 14 impacts and 28 undetermined), assessed as outside the disengagement area, but within 5km of its periphery, as well as 39 explosions (five impacts and 34 undetermined) unable to be assessed as inside or outside the disengagement area.

The SMM monitored areas near the **disengagement area near Petrivske** (non-government-controlled, 41km south of Donetsk) from an observation post on the south-eastern edge of Styla (non-government-controlled, 34km south of Donetsk) due to security considerations.

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 violation of withdrawal lines, in government-controlled areas of Donetsk and Luhansk regions, the SMM saw 13 tanks near a residential area of Karlivka (25km north-west of Donetsk), eight towed howitzers, including four in a residential area of Novotroitske (36km south-west of Donetsk), as well as four surface-to-air missile systems and two towed anti-tank guns. In non-government-controlled areas of Donetsk region, the SMM saw two surface-to-air missile systems and eight towed howitzers, of which four were moving south on road T-0508 near Bessarabka (85km south of Donetsk), in a zone within which deployment of heavy armaments and military equipment is further proscribed according to Point 5 of the Memorandum of 19 September 2014.

Beyond withdrawal lines but outside of designated storage sites, in non-government-controlled areas of Donetsk and Luhansk regions, the Mission saw 117 tanks and 21 howitzers/mortars in training areas near Ternove (57km east of Donetsk), Shymshynivka (27km south-west of Luhansk), Myrne (28km south-west of Luhansk), Kruhlyk (31km south-west of Luhansk), and Buhaiivka (37km south-west of Luhansk). The SMM also saw 14 tanks near Bessarabka, Donetsk region, moving south in a field parallel to road T-0508, in a zone within which deployment of heavy armaments and military equipment is proscribed according to Point 5 of the Memorandum of 19 September 2014. The Mission recorded the markings of various colours, flags and banners attached to some of these tanks. (For further information, see the tables below.)

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

The SMM saw five armoured combat vehicles in government-controlled areas of Donetsk region, including one in a residential area, and a self-propelled anti-aircraft system near a residential area, as well as eight armoured combat vehicles in non-government-controlled areas of Donetsk and Luhansk regions, including two near Novomykhailivka (52km south of Donetsk), in a zone within which deployment of heavy armaments and military equipment is proscribed according to Point 5 of the Memorandum of 19 September 2014. (For further information, see the table below.)

Presence of recent impact craters near government-controlled Verkhnotoretske and Novohnativka, Donetsk region, and government-controlled Vrubivka, Luhansk region

On 19 February, on the western edge of Verkhnotoretske (government-controlled, 23km north-east of Donetsk), in a garden near a residential area, an SMM mini-unmanned aerial

vehicle (UAV) spotted three recent impact craters, assessed as caused by probable mortar rounds.

On 21 February, on the north-eastern edge of Novohnativka (government-controlled, 40km south of Donetsk), an SMM mini-UAV spotted two impact craters about 30m south-west of a residential house. About 240m north-east of these craters, the same UAV spotted three additional impact craters in a field about 50m south-west of another residential house. About 200m north-north-east of the latter impact craters, the same UAV spotted two further circular impacts in a wooded area. All these craters and impacts were assessed as recent and caused by probable mortar rounds. About 260m south-west of the wooded area, the same UAV spotted eight impact craters on a local road leading north-east toward an agricultural compound and another 20 impact craters about 220m further south-west in a field. The Mission assessed the craters as recent but was unable to determine the type of weapon used or the direction of fire. (For damage to civilian properties and infrastructure in the area, see [SMM Daily Report of 22 February 2022](#).)

On the same day, in a field about 800m south of the southern edge of Vrubivka (government-controlled, 72km west of Luhansk), an SMM mini-UAV spotted three recent impact craters. The Mission was unable to determine the type of weapon used or the direction of fire. (For recent damage to a working school in Vrubivka, see [SMM Daily Report of 19 February 2022](#).)

The SMM monitored the situation near critical civilian infrastructure sites

The SMM monitored the security situation in the area of the Donetsk Filtration Station (15km north of Donetsk), which was reportedly non-operational due to alleged damage to power supply lines.

Additionally, at 14:10, while positioned on the northern outskirts of Artema (government-controlled, 26km north of Luhansk), the Mission observed smoke emanating from the area of the thermal power plant in Shchastia (government-controlled, 20km north of Luhansk). Between 14:10 and 14:20, the SMM also heard 20 undetermined explosions at an assessed range of 5-8km south.

Situation at entry-exit checkpoints and corresponding checkpoints

In Donetsk region, the Mission observed that the entry-exit checkpoint (EECP) near Novotroitske (government-controlled, 36km south-west of Donetsk) was open but saw no traffic passing through.

In Luhansk region, the SMM observed that the EECP near Stanytsia Luhanska and the corresponding checkpoint of the armed formations south of the repaired span of the Stanytsia Luhanska bridge were open, with people queueing to travel in both directions.

The Mission also observed that the EECP near Zolote was open but saw no traffic passing through. It noted that the EECP near Shchastia was closed for the third consecutive day. (For previous observations in the area, see [SMM Daily Report of 22 February 2022](#).)

Areas near the border outside government control⁶

On 19 February, aerial imagery available to the SMM spotted three military-type trucks at a compound near Samiilove (89km south of Donetsk), west of the international border with the Russian Federation. (For previous observations in the area, see [SMM Daily Report of 16 February 2022](#).)

On 20 February, close to the border crossing point near Uspenka (73km south-east of Donetsk) and north-north-west of the border with the Russian Federation, aerial imagery available to the SMM revealed a convoy of four buses moving north-west on road T-0507. (For previous observations in the area, see [SMM Daily Report of 22 February 2022](#).)

On 22 February, while at a border crossing point near Izvaryne (non-government-controlled, 52km south-east of Luhansk), the Mission did not see any traffic passing through in either direction. After about ten minutes, a member of the armed formations told the SMM to leave the area.*

The SMM monitored a crossing point on the border with the Russian Federation in Luhansk region

While at a border crossing point in Milove (government-controlled, 108km north-east of Luhansk), the Mission saw that it was open, with traffic entering and exiting Ukraine, and observed no change in the security situation.

Security situation in west Kherson region and in south Mykolaiv region

On 21 and 22 February, the SMM monitored areas in west Kherson region in the estuary of the Dnieper river near Sofiiivka (28km west of Kherson), Shyroka Balka (33km west of Kherson), Stanislav (36km west of Kherson) and Radensk (25km south-east of Kherson), and observed no change in the security situation. On the same days, it also monitored areas in southern and central Mykolaiv region near Mykolaiv city, Ochakiv (82km west of Kherson) and Shevchenkove (41km north-west of Kherson), Sebyne (85km north-west of Kherson), Novopetrivske (89km north-west of Kherson) and Zaive (93km north-west of Kherson). Near Shevchenkove (41km north-west of Kherson), the SMM observed one armoured reconnaissance vehicle (BRDM-2), two communications vehicles, five cargo trucks with trailers, one bus carrying military personnel, two heavy equipment transporters, and trailers, all moving north-north-west on road M-14 toward Mykolaiv city. It also saw that police checkpoints at the entrances to Mykolaiv city and Kherson city had been reinforced with military personnel and equipment.

Gathering in Kyiv

On 22 February, in Kyiv, in front of the embassy of the Russian Federation at 27 Povitroflotskyi Avenue, the SMM observed about 180 people (mixed genders and ages, mostly young), some carrying flags of Ukraine and the European Union and flags with the inscriptions “*Sprava Hromad*” (“*Affairs of Communities*”) and “*Braty po Zbroi*” (“*Brothers-in-arms*”). The Mission heard some participants give speeches in support of Ukraine and sing

⁶ According to decisions in 2014 by the Cabinet of Ministers of Ukraine, operations are officially designated as suspended at these and other border crossing points located outside government control.

the Ukrainian national anthem. It observed the presence of about 170 law enforcement officers nearby and a calm situation.

The Mission continued monitoring in Odessa, Lviv, Ivano-Frankivsk, Dnipro, Kharkiv and Chernivtsi, and observed no change in the security situation.

***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 Minsk agreements 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 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.

Denials:

- At a checkpoint of the armed formations about 700m north-west of Petrivske (non-government-controlled, 65km east of Donetsk), two armed members of the armed formations denied the SMM passage south toward a border crossing point near Marynivka (non-government-controlled, 78km east of Donetsk) citing “ongoing engineering and demining works in the area”. While at the checkpoint, the Mission observed civilian traffic passing through.
- At a checkpoint of the armed formations near Novoazovsk (non-government-controlled, 102km south-east of Donetsk), two armed members of the armed formations denied the SMM passage east toward a border crossing point as well as west and south of the settlement citing “orders from their superiors”. While at the checkpoint, the Mission observed civilian traffic passing through.
- At a border crossing point near Izvaryne (non-government-controlled, 52km south-east of Luhansk), a member of the armed formations told the SMM to leave the area.

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.

Other impediments:⁷

- On 21 February, an SMM long-range UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over areas between Andriivka (government-controlled, 79km north-west of Donetsk) and Kostiantynivka (government-controlled, 60km north of Donetsk), and between Khrustalniyi (formerly Krasnyi Luch, non-government-controlled, 56km south-west of Luhansk) and Kruta Balka (non-government-controlled, 16km north of Donetsk), as well as dual GPS signal interference, assessed as caused by jamming, while flying between Kostiantynivka and Khrustalniyi and between Kruta Balka and Pryvillia (government-controlled, 85km north of Donetsk).

⁷ For cases of probable jamming and jamming mentioned in this section, the interference could have originated from anywhere within the radius of kilometres from the UAV's positions.

Tables of weapons

Weapons in violation of withdrawal lines

Date	No. of weapons	Type of weapon	Location	Source of observation
Government-controlled areas				
21/2/2022	2	Towed anti-tank gun (MT-12 <i>Rapira</i> , 100mm)	Near Mykolaivka (40km south of Donetsk)	Mini-UAV
	4	Towed howitzers (2A36 <i>Giatsint-B</i> , 152mm)	Near Sartana (91km south of Donetsk)	
	1	Surface-to-air missile system (9K33 <i>Osa</i>)	Near Vrubivka (72km west of Luhansk)	
22/02/2022	13	Tank (T-72)	Near a residential area of Karlivka (25km north-west of Donetsk)	Patrol
	1	Surface-to-air missile system (9K35 <i>Strela-10</i>)		
	1	Surface-to-air missile system (9K33 <i>Osa</i>)	Near Keramik (28km north-west of Donetsk)	
	4	Towed howitzer (2A65 <i>Msta-B</i> , 152mm)	In a residential area of Novotroitske (36km south-west of Donetsk)	
	1	Surface-to-air missile system (9K33 <i>Osa</i>)	Near Raihorodka (34km north-west of Luhansk)	
Non-government-controlled areas				
22/02/2022	1	Surface-to-air missile system (9K33 <i>Osa</i>)	Near Vasylivka (47km south of Donetsk)	Patrol
	4	Towed howitzer (2A36 <i>Giatsint-B</i> , 152mm)	Near Starobesheve (32km south-east of Donetsk)	
	1	Surface-to-air missile system (9K35 <i>Strela-10</i>)	Near Obilne (20km south of Donetsk)	
	4	Towed howitzer (D-30 <i>Lyagushka</i> , 122mm)	Moving south near Bessarabka (85km south of Donetsk), in a zone within which deployment of heavy armaments and military equipment is further proscribed according to Point 5 of the Memorandum of 19 September 2014.	

Beyond withdrawal lines but outside of designated storage sites

Date	No. of weapons	Type of weapon	Location	Source of observation
Non-government-controlled areas				
19/2/2022	22	Tank (type undetermined)	In a training area near Ternove (57km east of Donetsk), where imagery also revealed the presence of 15 armoured combat vehicles ⁸	Aerial imagery
	8		In a training area near Shymshynivka (27km south-west of Luhansk), where imagery also revealed the presence of 17 armoured combat vehicles	
	28		In a training area near Kruhlyk (31km south-west of Luhansk)	
	15	Self-propelled howitzer (type undetermined)	In a training area near Myrne (28km south-west of Luhansk), where imagery also revealed the presence of 57 armoured combat vehicles	
	10		Towed howitzer/mortar (type undetermined)	
	11			
21/2/2022	18	Tank (type undetermined)	In a training area near Buhaivka (37km south-west of Luhansk), where imagery also revealed the presence of 44 armoured combat vehicles, of which four probable	Long-range UAV
	26		In a training area near Kruhlyk (31km south-west of Luhansk)	
22/2/2022	14	Tank (five T-64, four T-72 and five undetermined)	Moving south near Bessarabka (85km south of Donetsk), in a zone within which deployment of heavy armaments and military equipment is proscribed according to Point 5 of the Memorandum of 19 September 2014. The Mission also saw 14 infantry fighting vehicles (BMP-1) moving south as part of this convoy.	Patrol

⁸ The armoured combat vehicles mentioned in this table are not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

Other weapons⁹

Date	No. of weapons	Type of weapon	Location	Source of observation
Non-government-controlled areas				
19/2/2022	11	Self-propelled howitzer/mortar (type undetermined)	In a training area near Ternove (57km east of Donetsk)	Aerial imagery
	4	Towed howitzer/mortar (type undetermined)		

Table of military and military-type presence in the security zone¹⁰

Date	No.	Type	Location	Source of observation
Government-controlled areas				
19/2/2022	2	Infantry fighting vehicle (BMP variant)	Near Verkhnotoretske (23km north-east of Donetsk)	Mini-UAV
	1	Armoured personnel carrier (probable BTR-80)	Near Berdianske (102km south of Donetsk)	
21/2/2022	1	Probable infantry fighting vehicle (BMP variant)	Near Novoluhanske (53km north-east of Donetsk)	Long-range UAV
	1	Infantry fighting vehicle (BMP-1)	In a residential area of Novohnativka (40km south of Donetsk)	Patrol
22/02/2022	1	Self-propelled anti-aircraft system (ZSU-23-4 <i>Shilka</i> , 23mm)	Near a residential area of Karlivka (25km north-west of Donetsk)	
Non-government-controlled areas				
22/02/2022	1	Armoured personnel carrier (MT-LB)	Near Spartak (9km north of Donetsk)	Patrol
	2	Infantry fighting vehicle (BMP-1)		
	1	Armoured combat vehicle (BTR variant)	In a residential area of Khoroshovo (8km south of Donetsk)	
	2	Infantry fighting vehicle (BMP variant)	Near Novomykhailivka (52km south of Donetsk), in a zone within which deployment of heavy armaments and military equipment is proscribed according to Point 5 of the Memorandum of 19 September 2014.	
	1	Armoured personnel carrier (BTR-80)	Near Mykolaivka (15km east of Luhansk)	
	1	Armoured reconnaissance vehicle (BRDM-2)		

⁹ The SMM was unable to assess whether these weapons were in violation of withdrawal lines as it could not distinguish the specific system, and hence, calibre.

¹⁰ The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

Table of ceasefire violations as of 22 February 2022¹¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	3-5km SSE	Recorded	1	Explosion	Undetermined	N/K	22-Feb, 18:15
	3-5km SE	Recorded	1	Explosion	Undetermined	N/K	22-Feb, 18:48
	3-5km SE	Recorded	1	Explosion	Undetermined	N/K	22-Feb, 18:55
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-4km SSE	Recorded	2	Projectile	WSW to ENE	N/K	22-Feb, 18:01
	2-4km SE	Recorded	1	Explosion	Undetermined	N/K	22-Feb, 18:01
SMM camera at entry-exit checkpoint in Hnutove (government-controlled, 90km S of Donetsk)	2-4km ESE	Recorded	1	Projectile	NNW to SSE	N/K	22-Feb, 18:00
	2-4km ESE	Recorded	3	Projectile	NNW to SSE	N/K	22-Feb, 18:01
	2-4km ESE	Recorded	2	Projectile	NNW to SSE	N/K	22-Feb, 18:03
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk city centre)	2-4km W	Recorded	3	Explosion	Undetermined	N/K	21-Feb, 19:01
	2-4km W	Recorded	2	Explosion	Undetermined	N/K	21-Feb, 19:02
	2-4km W	Recorded	2	Projectile	NE to SW	N/K	21-Feb, 23:27
	2-4km W	Recorded	4	Explosion	Undetermined	N/K	22-Feb, 02:46
	2-4km NE	Recorded	43	Muzzle flash		N/K	21-Feb, 23:30
	2-4km NE	Recorded	43	Projectile	SW to NE (subsequent to previous event)	N/K	21-Feb, 23:30
	2-4km NE	Recorded	34	Muzzle flash		N/K	21-Feb, 23:35
SMM camera 1km SW of Shyrokyne (government-controlled, 100km S of Donetsk)	2-4km NE	Recorded	34	Projectile	SW to NE (subsequent to previous event)	N/K	21-Feb, 23:35
	4-6km N	Recorded	28	Projectile	W to E	N/K	21-Feb, 21:41
	4-6km N	Recorded	14	Projectile	W to E	N/K	21-Feb, 21:42
	4-6km N	Recorded	15	Projectile	In vertical flight	N/K	21-Feb, 21:43
	4-6km N	Recorded	25	Projectile	WSW to ENE	N/K	22-Feb, 00:17
	5-7km N	Recorded	5	Projectile	WSW to ENE	N/K	22-Feb, 00:42
	2-4km N	Recorded	4	Explosion	Undetermined	N/K	22-Feb, 05:08
	2-4km N	Recorded	3	Explosion	Undetermined	N/K	22-Feb, 05:09
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	22-Feb, 18:01
	3-5km N	Recorded	1	Explosion	Undetermined	N/K	22-Feb, 18:15
Dokuchaievsk (non-government-controlled, 30km SW of Donetsk)	3-5km N	Recorded	1	Explosion	Undetermined	N/K	22-Feb, 18:52
	0.5-1km NNW	Heard	5	Shot		Small arms	22-Feb, 09:45
	2-3km NW	Heard	2	Explosion	Undetermined	N/K	22-Feb, 09:46
	1-2km NNW	Heard	1	Explosion	Undetermined	N/K	22-Feb, 10:00
	1-2km NNW	Heard	28	Explosion	Outgoing	N/K	22-Feb, 10:12-10:20
	2-3km NW	Heard	2	Explosion	Undetermined	N/K	22-Feb, 10:00-10:12
	1-2km NNW	Heard	2	Explosion	Undetermined	N/K	22-Feb, 10:00-10:12
0.6-1km NNW	Heard	2	Shot		Small arms	22-Feb, 10:00-10:12	
0.6-1km NNW	Heard	3	Explosion	Undetermined	N/K	22-Feb, 10:24	
About 3.9km ESE of Dokuchaievsk (non-government-controlled, 30km SW of Donetsk)	4-5km E	Heard	1	Explosion	Undetermined	N/K	22-Feb, 10:38
About 3km WSW of Donetsk central railway station (non-government-controlled, 6km NW of Donetsk)	8-10km S	Heard	1	Explosion	Undetermined	N/K	22-Feb, 10:55
	8-10km S	Heard	2	Explosion	Undetermined	N/K	22-Feb, 10:59-11:00
	4-6km NW	Heard	6	Explosion	Undetermined	Artillery (type N/K)	21-Feb, 18:31-18:47

¹¹ The table only includes ceasefire violations directly observed by 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.

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
Horlivka (non-government-controlled, 39km NE of Donetsk)	3-4km SW	Heard	6	Explosion	Undetermined	N/K	22-Feb, 08:56
	4-5km SW	Heard	8	Explosion	Undetermined	N/K	22-Feb, 10:30-10:40
	5-6km NW	Heard	7	Explosion	Undetermined	Artillery (type N/K)	22-Feb, 10:38-10:44
	5-8km SW	Heard	37	Explosion	Undetermined	Artillery (type N/K)	22-Feb, 10:50-11:00
	5-8km SW	Heard	18	Explosion	Undetermined	Artillery (type N/K)	22-Feb, 11:07-11:19
	6-8km SW	Heard	12	Explosion	Undetermined	Artillery (type N/K)	22-Feb, 15:32-15:41
About 6km NW of Horlivka (non-government-controlled, 39km NE of Donetsk)	3-4km NE	Heard	16	Explosion	Undetermined	N/K	22-Feb, 10:23-10:30
About 6km WNW of Horlivka (non-government-controlled, 39km NE of Donetsk)	4-5km S	Heard	8	Explosion	Undetermined	N/K	22-Feb, 10:33-10:42
	4-5km SSE	Heard	18	Explosion	Undetermined	N/K	22-Feb, 10:42-11:00
About 900m W of Kodema (government-controlled, 57km NE of Donetsk)	5-7km SSE	Heard	7	Explosion	Undetermined	N/K	22-Feb, 10:32-10:37
About 1km SW of Novoluhanske (government-controlled, 53km NE of Donetsk)	4-6km S	Heard	4	Explosion	Outgoing	N/K	22-Feb, 11:40-11:43
	4-5km W	Heard	4	Explosion	Impact (subsequent to the previous event)	N/K	22-Feb, 11:40-11:43
Svitlodarsk (government-controlled, 57km NE of Donetsk)	6-8km SSW	Heard	22	Explosion	Undetermined	N/K	22-Feb, 14:29-14:41
	6-8km SSW	Heard	13	Explosion	Undetermined	N/K	22-Feb, 16:35-16:39
	6-8km SSW	Heard	2	Explosion	Undetermined	N/K	22-Feb, 17:02-17:04
	8-10km SSW	Heard	20	Explosion	Undetermined	N/K	22-Feb, 17:13-17:20
About 2.5km SSE of Lomakyne (government-controlled, 93km S of Donetsk)	3-4km E	Heard	2	Explosion	Undetermined	N/K	22-Feb, 11:14
	3-4km E	Heard	6	Explosion	Undetermined	N/K	22-Feb, 11:20-11:25
	2-3km SE	Heard	2	Explosion	Undetermined	N/K	22-Feb, 11:39
	3-4km E	Heard	2	Explosion	Undetermined	N/K	22-Feb, 11:44-11:45
	3-4km E	Heard	2	Explosion	Undetermined	N/K	22-Feb, 11:50-12:00
About 2km NE of Chernenko (government-controlled, 86km S of Donetsk)	4-5km SE	Heard	11	Explosion	Undetermined	N/K	22-Feb, 13:30-13:40
	4-5km SE	Heard	2	Burst		Small arms	22-Feb, 13:42
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	22-Feb, 13:52
	4-5km S	Heard	13	Explosion	Undetermined	N/K	22-Feb, 14:00-14:15
	4-5km SSE	Heard	1	Explosion	Undetermined	N/K	22-Feb, 14:00-14:15
	4-5km SSE	Heard	5	Explosion	Airburst	N/K	22-Feb, 14:00-14:15
	4-5km E	Heard	6	Explosion	Undetermined	N/K	22-Feb, 14:00-14:15
	3-4km SSW	Heard	8	Explosion	Outgoing	N/K	22-Feb, 14:00-14:15
	3-4km E	Heard	1	Explosion	Undetermined	N/K	22-Feb, 14:27
2-3km E	Heard	1	Explosion	Outgoing	N/K	22-Feb, 14:30	
Near Myrne (government-controlled, 63km S of Donetsk)	10km NNE	Heard	5	Explosion	Undetermined	N/K	22-Feb, 11:30-12:00
Near Novotroitske (government-controlled, 36km SW of Donetsk)	3-4km NNE	Heard	5	Explosion	Outgoing	N/K	22-Feb, 12:40
	1.5km SE	Heard	5	Explosion	Impact	N/K	22-Feb, 12:40
SMM camera on N edge of Popasna (government-controlled, 69km W of Luhansk)	3-5km ESE	Recorded	1	Projectile	NNW to SSE (assessed as outside the disengagement area near Zolote)	N/K	21-Feb, 21:45
	3-5km ESE	Recorded	14	Projectile	WSW to ENE (assessed as outside the disengagement area near Zolote)	N/K	21-Feb, 21:46
SMM camera at Prince Ihor Monument SE of Stanysia	5-7km NW	Recorded	1	Explosion	Undetermined (assessed as	N/K	22-Feb, 17:32

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
Luhanska bridge (15km NE of Luhansk)					outside the disengagement area)		
	5-7km NW	Recorded	3	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	22-Feb, 17:33
	5-7km NW	Recorded	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	22-Feb, 17:34
	5-7km NW	Recorded	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	22-Feb, 17:35
	5-7km NW	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	22-Feb, 17:37
	5-7km NW	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	22-Feb, 17:41
	5-7km NW	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	22-Feb, 17:42
	5-7km NW	Recorded	2	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	22-Feb, 17:43
	4-6km NW	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	22-Feb, 17:49
	5-7km NW	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	22-Feb, 18:47
	SMM camera on Stanytsia Luhanska bridge (15km NE of Luhansk)	0.8-1.2km SSE	Recorded	1	Projectile	W to E (assessed as inside the disengagement area)	N/K
0.8-1.2km SSE		Recorded	1	Projectile	SW to NE (assessed as inside the disengagement area)	N/K	22-Feb, 17:43
1-2km SSE		Recorded	2	Muzzle flash	Assessed as inside the disengagement area	N/K	22-Feb, 17:44
1-2km SSE		Recorded	2	Projectile	SW to NE (subsequent to	N/K	22-Feb, 17:44

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
					previous event, assessed as inside the disengagement area)		
	1-2km SSE	Recorded	1	Muzzle flash	assessed as inside the disengagement area	N/K	22-Feb, 17:45
	1-2km SSE	Recorded	1	Projectile	SW to NE (subsequent to previous event, assessed as inside the disengagement area)	N/K	22-Feb, 17:45
	0.8-1.2km SSE	Recorded	1	Projectile	SW to NE (assessed as inside the disengagement area)	N/K	22-Feb, 17:46
	1-2km SSE	Recorded	1	Muzzle flash	assessed as inside the disengagement area	N/K	22-Feb, 18:24
	1-2km SSE	Recorded	1	Projectile	SW to NE (subsequent to previous event, assessed as inside the disengagement area)	N/K	22-Feb, 18:24
SMM camera in Zolote (government-controlled, 60km W of Luhansk)	5-7km E	Recorded	1	Projectile	S to N (assessed as outside the disengagement area)	N/K	21-Feb, 19:36
	3-5km E	Recorded	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	22-Feb, 01:31
	2-4km SE	Recorded	16	Muzzle flash	Assessed as inside the disengagement area	MLRS (type N/K)	22-Feb, 18:52
	2-4km SE	Recorded	16	Projectile	In vertical flight (subsequent to the previous event, assessed as inside the disengagement area)	MLRS (type N/K)	22-Feb, 18:52
Luhansk city (non-government-controlled)	10-15km N	Heard	2	Explosion	Undetermined	Artillery (type N/K)	21-Feb, 18:01-18:05
	10-15km N	Heard	4	Explosion	Undetermined	Artillery (type N/K)	21-Feb, 18:40-18:45
	5-10km NW	Heard	1	Explosion	Undetermined	N/K	21-Feb, 19:26
	10-15km N	Heard	2	Explosion	Undetermined	Artillery (type N/K)	21-Feb, 20:43-20:45
Kadiivka (formerly Stakhanov, non-government-controlled, 50km W of Luhansk)	6-8km NW	Heard	8	Explosion	Outgoing	Artillery (type N/K)	22-Feb, 10:53-11:05
	5-7km SW	Heard	10	Explosion	Outgoing	Artillery (type N/K)	22-Feb, 10:53-11:05

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	13-16km NW	Heard	4	Explosion	Undetermined (unable to assess if inside or outside of the disengagement area near Zolote)	N/K	22-Feb, 11:36-12:00
	9-10km NNW	Heard	4	Explosion	Outgoing (assessed as outside of the disengagement area near Zolote)	Artillery (type N/K)	22-Feb, 12:06-12:10
	6-8km WNW	Heard	9	Explosion	Outgoing	Artillery (type N/K)	22-Feb, 12:25-13:25
	7-13km W	Heard	56	Explosion	Undetermined	N/K	22-Feb, 12:25-13:25
	9-10km NNW	Heard	3	Explosion	Undetermined (assessed as outside of the disengagement area near Zolote)	N/K	22-Feb, 12:25-13:25
	7-12km WSW	Heard	49	Explosion	Undetermined	N/K	22-Feb, 12:25-13:25
	8-10km SW	Heard	10	Explosion	Outgoing	Artillery (type N/K)	22-Feb, 12:25-13:25
	14-16km W	Heard	5	Explosion	Undetermined	N/K	22-Feb, 12:25-13:25
	4-6km W	Heard	12	Explosion	Outgoing	Artillery (type N/K)	22-Feb, 13:36-14:30
	4-6km WSW	Heard	20	Explosion	Outgoing	Artillery (type N/K)	22-Feb, 13:36-14:30
	7-13km W	Heard	26	Explosion	Undetermined	N/K	22-Feb, 13:36-14:30
	12-15km NW	Heard	22	Explosion	Undetermined (unable to assess if inside or outside of the disengagement area near Zolote)	N/K	22-Feb, 13:36-14:30
	7-12km WSW	Heard	43	Explosion	Undetermined	N/K	22-Feb, 13:36-14:30
	15-18km W	Heard	9	Explosion	Undetermined	N/K	22-Feb, 13:36-14:30
	10-15km NW	Heard	8	Explosion	Undetermined (unable to assess if inside or outside of the disengagement area near Zolote)	N/K	22-Feb, 14:30-16:00
	7-13km W	Heard	46	Explosion	Undetermined	N/K	22-Feb, 14:30-16:00
	7-12km WSW	Heard	26	Explosion	Undetermined	N/K	22-Feb, 14:30-16:00
	9-10km NNW	Heard	1	Explosion	Undetermined (assessed as outside of the disengagement area near Zolote)	N/K	22-Feb, 14:30-16:00
	10-12km WNW	Heard	25	Explosion	Undetermined	N/K	22-Feb, 14:30-16:00
	18-20km W	Heard	4	Explosion	Undetermined	N/K	22-Feb, 14:30-16:00
	4-6km WSW	Heard	15	Explosion	Outgoing	Artillery (type N/K)	22-Feb, 14:30-16:00
	5-7km W	Heard	8	Explosion	Outgoing	Artillery (type N/K)	22-Feb, 14:30-16:00
	5-7km WNW	Heard	10	Explosion	Outgoing	Artillery (type N/K)	22-Feb, 16:01-16:35
	6-8km NW	Heard	17	Explosion	Outgoing	Artillery (type N/K)	22-Feb, 16:01-16:35
	4-6km WSW	Heard	6	Explosion	Outgoing	Artillery (type N/K)	22-Feb, 17:20-18:00

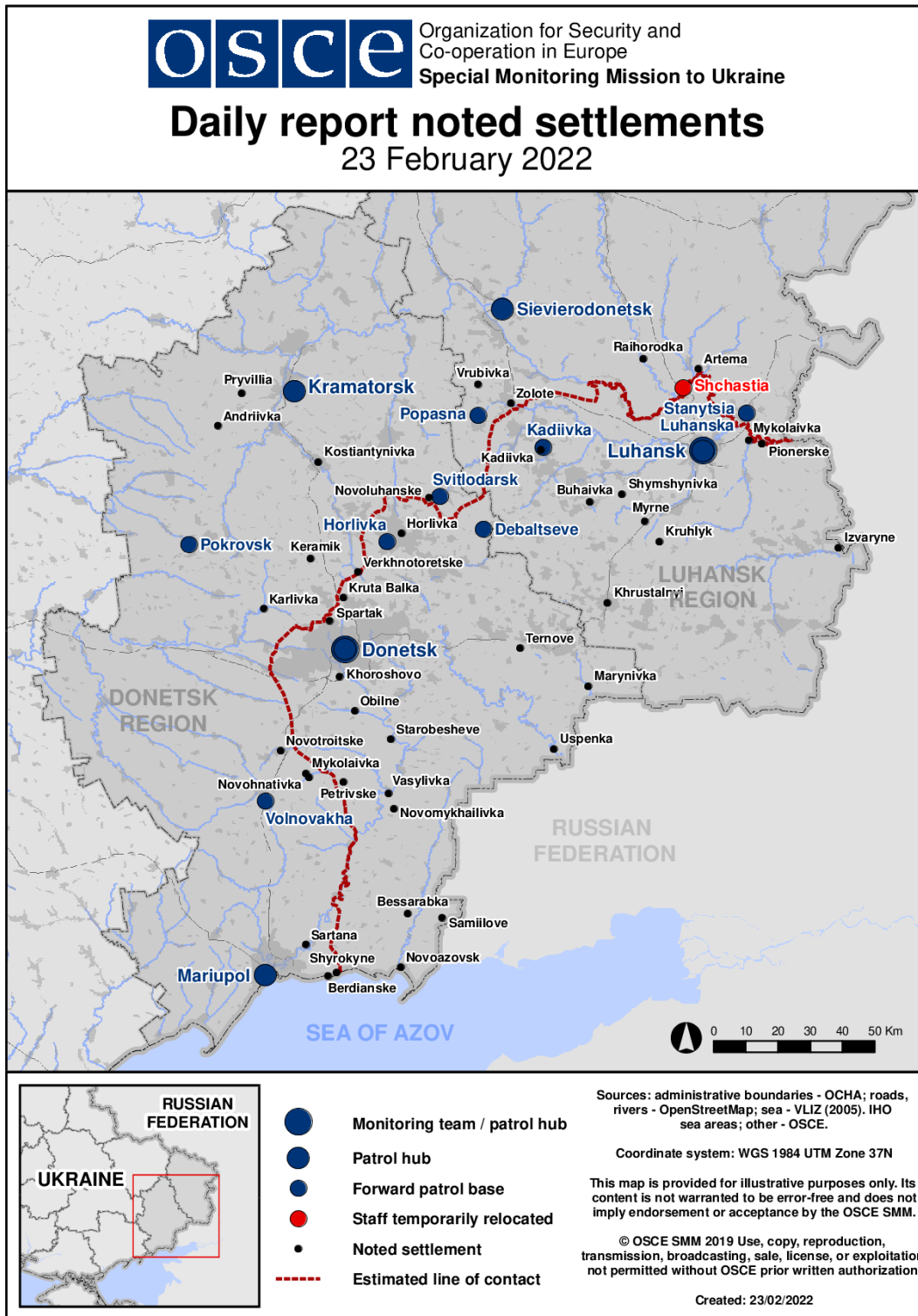
SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time	
	5-7km W	Heard	9	Explosion	Outgoing	Artillery (type N/K)	22-Feb, 17:20-18:00	
	10-13km W	Heard	1	Explosion	Undetermined	N/K	22-Feb, 18:01-19:00	
	6-7km NW	Heard	1	Outgoing	Outgoing (also recorded by the SMM camera in Zolote)	MLRS (type N/K)	22-Feb, 18:53	
Luhansk city (non-government-controlled)	10-15km N	Heard	2	Explosion	Undetermined	Artillery (type N/K)	21-Feb, 20:43-20:45	
	10-12km NNE	Heard	25	Explosion	Undetermined	N/K	22-Feb, 06:55-07:15	
	10-20km NW	Heard	17	Explosion	Undetermined	Artillery (type N/K)	22-Feb, 07:27-07:36	
Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	2-4km SSE	Heard	12	Explosion	Undetermined (assessed as outside of the disengagement area)	N/K	20-Feb, 18:20-18:25	
	5-7km SE	Heard	4	Burst	Undetermined (assessed as outside of the disengagement area)	HMG	20-Feb, 18:20-18:25	
	2-5km SSE	Heard	45	Explosion	Undetermined (assessed as outside of the disengagement area)	N/K	22-Feb, 02:35-02:40	
	5-7km S	Heard	2	Explosion	Undetermined (assessed as outside of the disengagement area)	N/K	22-Feb, 02:52-02:53	
	8-10km W	Heard	10	Explosion	Undetermined	N/K	22-Feb, 02:55-02:58	
	3-5km S	Heard	2	Explosion	Undetermined (assessed as outside of the disengagement area)	N/K	22-Feb, 03:00-03:03	
	10-20km NW	Heard	96	Explosion	Undetermined	N/K	22-Feb, 13:50-14:55	
	2-4km S	Heard and saw	36	Explosion	Undetermined (assessed as outside of the disengagement area)	N/K	22-Feb, 17:35-18:26	
	2-4km S	Heard and saw	35	Burst	Undetermined (assessed as outside of the disengagement area)	N/K	22-Feb, 17:35-18:22	
	2-4km S	Heard and saw	25	Burst	Undetermined (assessed as outside of the disengagement area)	N/K	22-Feb, 17:35-18:22	
	Raihorodka (government-controlled, 34km NW of Luhansk)	6-8km SW	Heard	59	Explosion	Undetermined	N/K	22-Feb, 10:53-11:12
		8-10km SSW	Heard	15	Explosion	Undetermined	N/K	22-Feb, 11:52-12:18
E edge of Luhansk city (non-government-controlled)	2km SW	Heard	1	Explosion	Undetermined	N/K	22-Feb, 12:42	
N edge of Artema (government-controlled, 26km N of Luhansk)	5-8km S	Heard	20	Explosion	Undetermined	N/K	22-Feb, 14:10-14:20	
	8-12km W	Heard	41	Explosion	Undetermined	N/K	22-Feb, 12:37-13:07	

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
E edge of Irmino (non-government-controlled, 54km W of Luhansk)	8-12km N	Heard	5	Explosion	Undetermined	N/K	22-Feb, 12:37-13:07
	10-12km SSW	Heard	6	Explosion	Undetermined	N/K	22-Feb, 12:37-13:07
	7-9km NE	Heard	5	Explosion	Undetermined	N/K	22-Feb, 12:07-12:10
	8-10km SW	Heard	12	Explosion	Undetermined	N/K	22-Feb, 12:26-12:33
	2-3km SW	Heard	9	Explosion	Outgoing	N/K	22-Feb, 12:26-12:33
Zolote-2/Karbonit (government-controlled, 62km W of Luhansk)	6-8km SE	Heard	5	Explosion	Undetermined (assessed as outside of the disengagement area)	N/K	22-Feb, 12:07
	6-8km SE	Heard	1	Explosion	Undetermined (assessed as outside of the disengagement area)	N/K	22-Feb, 12:15
	6-8km SE	Heard	4	Explosion	Outgoing (assessed as outside of the disengagement area)	N/K	22-Feb, 12:33-12:40
	5-8km SE	Heard	4	Explosion	Undetermined (assessed as outside of the disengagement area)	N/K	22-Feb, 12:33-12:40
	5-7km W	Heard	4	Explosion	Outgoing	N/K	22-Feb, 12:33-12:40
	5-7km W	Heard	4	Explosion	Impact (subsequent to the previous event)	N/K	22-Feb, 12:33-12:40
	7-8km NE	Heard	2	Explosion	Outgoing	Artillery (type N/K)	22-Feb, 12:46
	8-10km E	Heard	2	Explosion	Undetermined	N/K	22-Feb, 12:46
	10-12km SE	Heard	12	Explosion	Outgoing (assessed as outside of the disengagement area)	Artillery (type N/K)	22-Feb, 12:07-13:00
	10-12km SE	Heard	12	Explosion	Impact (subsequent to the previous event, assessed as outside of the disengagement area)	Artillery (type N/K)	22-Feb, 12:07-13:00
	6-8km SW	Heard	4	Explosion	Outgoing	Artillery (type N/K)	22-Feb, 12:07-13:00
	6-8km SW	Heard	4	Explosion	Impact (subsequent to the previous event)	Artillery (type N/K)	22-Feb, 12:07-13:00
	8-10km SE	Heard	7	Explosion	Outgoing (assessed as outside of the disengagement area)	Artillery (type N/K)	22-Feb, 13:35-13:39
	8-10km SW	Heard	4	Explosion	Impact	Artillery (type N/K)	22-Feb, 13:35-13:39
	5-6km SE	Heard	2	Explosion	Impact (assessed as outside of the disengagement area)	N/K	22-Feb, 11:02

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	5-7km SW	Heard	5	Explosion	Outgoing	Artillery (type N/K)	22-Feb, 11:37-11:40
	6-8km SE	Heard	5	Explosion	Impact (subsequent to the previous event, unable to assess if inside or outside of the disengagement area)	Artillery (type N/K)	22-Feb, 11:37-11:40
	2-3km E	Heard	1	Explosion	Outgoing (assessed as outside of the disengagement area)	N/K	22-Feb, 11:37-11:40
	3-4km W	Heard	1	Explosion	Undetermined	N/K	22-Feb, 11:37-11:40
About 3km NW of Shchastia (government-controlled, 20km N of Luhansk)	3-5km SE	Heard	8	Explosion	Undetermined	N/K	22-Feb, 12:20-12:26
About 4.5km NW of Shchastia (government-controlled, 20km N of Luhansk)	3-5km SE	Heard	14	Explosion	Undetermined	N/K	22-Feb, 12:30-12:45
About 5km SSW of Voitove (government-controlled, 33km NW of Luhansk)	5-8km SSW	Heard	12	Explosion	Undetermined	N/K	22-Feb, 11:45-11:56
Stanytsia Luhanska bridge (15km NE of Luhansk)	2-4km WNW	Heard	7	Explosion	Undetermined (assessed as outside of the disengagement area)	N/K	22-Feb, 11:50
	2-4km S	Heard	1	Explosion	Undetermined (assessed as outside of the disengagement area)	N/K	22-Feb, 12:10
	2-4km S	Heard	4	Burst	Assessed as outside of the disengagement area	Small arms	22-Feb, 11:35
	5-7km SSE	Heard	1	Explosion	Undetermined (assessed as outside of the disengagement area)	N/K	22-Feb, 11:40
N edge of Popasna (government-controlled, 69km W of Luhansk)	3-6km ESE	Heard	14	Explosion	Undetermined (assessed as outside of the disengagement area near Zolote)	N/K	22-Feb, 10:52-10:55
	2-4km SE	Heard	7	Explosion	Outgoing	Artillery (type N/K)	22-Feb, 12:38-12:41
	4-5km SE	Heard	7	Explosion	Undetermined	N/K	22-Feb, 13:01-13:07
	3-4km SSW	Heard	5	Explosion	Outgoing	Artillery (type N/K)	22-Feb, 13:01-13:07
	2-3km SSE	Heard	5	Explosion	Outgoing (assessed as outside of the disengagement area near Zolote)	N/K	22-Feb, 13:35-13:41
	5-7km NW	Heard	5	Explosion	Impact (subsequent to the previous event)	N/K	22-Feb, 13:35-13:41

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
	5-7km SSE	Heard	16	Explosion	Outgoing	N/K	22-Feb, 14:57-15:25
					Impact (subsequent to the previous event)		
	5-7km SSE	Heard	16	Explosion		N/K	2-Feb, 14:57-15:25
	8-10km SE	Heard	7	Explosion	Undetermined	N/K	22-Feb, 17:22-17:27
	6-8km SE	Heard	2	Explosion	Undetermined	N/K	22-Feb, 17:53

Map of Donetsk and Luhansk regions¹²



¹² 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 have 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 also patrols in this settlement during daylight hours).