

Table of ceasefire violations as of 22 May 2018¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date and time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	2-5km SE	Recorded	1	Explosion	Undetermined	N/K	21-May, 21:13
	2-5km SSE	Recorded	1	Burst	Approximately five rounds	N/K	21-May, 21:14
	2-5km SSE	Recorded	1	Burst	Approximately five rounds	N/K	21-May, 21:15
	2-5km SSE	Recorded	3	Projectile	N to S	N/K	21-May, 21:18
	2-5km SSE	Recorded	1	Projectile	Undetermined	N/K	21-May, 22:05
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	200-500m SW	Recorded	12	Explosion	Undetermined	N/K	21-May, 20:52
	200-500m SW	Recorded	2	Projectile	ENE to WSW	N/K	21-May, 20:52
	200-500m WSW	Recorded	1	Explosion	Undetermined	N/K	21-May, 20:53
	500m-1km WSW	Recorded	1	Projectile	N to S	N/K	21-May, 20:53
	0-200m WSW	Recorded	1	Projectile	E to W	N/K	21-May, 20:54
	500m-1km WSW	Recorded	1	Projectile	N to S	N/K	21-May, 20:54
	200-500m WSW	Recorded	3	Explosion	One airburst, two undetermined	N/K	21-May, 20:54
	20-50m WSW	Recorded	2	Explosion	Impact	N/K	21-May, 20:55
	20-50m WSW	Recorded	1	Explosion	Impact	N/K	21-May, 20:56
	1-3km WSW	Recorded	2	Explosion	Undetermined	N/K	21-May, 21:24
	1-3km WSW	Recorded	1	Explosion	Undetermined	N/K	21-May, 21:28
	1-3km WSW	Recorded	1	Projectile	W to E	N/K	21-May, 21:28
	1-3km WSW	Recorded	1	Explosion	Undetermined	N/K	21-May, 21:29
	1-3km WSW	Recorded	2	Projectile	W to E	N/K	21-May, 21:29
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	1-2km ESE	Recorded	1	Projectile	W to E	N/K	21-May, 21:18
	1-2km ESE	Recorded	2	Muzzle Flash	Undetermined	N/K	21-May, 21:20
	1-2km ESE	Recorded	1	Burst	10 rounds of constant fire; in vertical flight	N/K	21-May, 21:48
	1-2km ESE	Recorded	1	Burst	25 rounds of constant fire; in vertical flight	N/K	21-May, 21:48
	1-2km SE	Recorded	1	Burst	78 rounds of constant fire; in vertical flight	N/K	21-May, 21:49

¹ 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.

1-2km ESE	Recorded	1	Burst	20 rounds each	N/K	21-May, 21:50
1-2km ESE	Recorded	7	Projectile	E to W	N/K	21-May, 21:51
1-2km ESE	Recorded	5	Projectile	E to W	N/K	21-May, 21:52
1-2km ESE	Recorded	2	Explosion	Undetermined	N/K	21-May, 21:59
1-2km ESE	Recorded	1	Projectile	NW to SE	N/K	21-May, 22:00
1-2km ESE	Recorded	1	Projectile	NW to SE	N/K	21-May, 22:01
1-2km SE	Recorded	1	Illumination Flare	Undetermined	N/K	21-May, 22:10
1-2km ESE	Recorded	1	Explosion	Undetermined	N/K	21-May, 22:15
1-2km ESE	Recorded	1	Projectile	W to E	N/K	21-May, 22:25
1-2km ESE	Recorded	2	Burst	W to E	N/K	21-May, 22:34
1-2km SE	Recorded	1	Illumination Flare	Undetermined	N/K	21-May, 22:45
1-2km SE	Recorded	1	Illumination Flare	Undetermined	N/K	21-May, 23:24
1-2km ESE	Recorded	1	Burst	SE to NW	N/K	21-May, 23:26
1-2km ESE	Recorded	5	Projectile	W to E	N/K	21-May, 23:28
1-2km ESE	Recorded	1	Projectile	E to W	N/K	21-May, 23:40
1-2km ESE	Recorded	1	Explosion	Undetermined	N/K	21-May, 23:41
1-2km SE	Recorded	1	Illumination Flare	Undetermined	N/K	21-May, 23:44
1-2km ESE	Recorded	3	Projectile	W to E	N/K	21-May, 23:45
1-2km ESE	Recorded	2	Projectile	W to E	N/K	22-May, 00:04
1-2km ESE	Recorded	1	Explosion	Undetermined	N/K	22-May, 00:18
1-2km SE	Recorded	1	Illumination Flare	Undetermined	N/K	22-May, 00:19
1-2km SE	Recorded	1	Illumination Flare	Undetermined	N/K	22-May, 00:20
1-2km ESE	Recorded	1	Muzzle Flash	Undetermined	N/K	22-May, 00:22
1-2km ESE	Recorded	3	Explosion	Undetermined	N/K	22-May, 00:32
1-2km ESE	Recorded	7	Projectile	E to W	N/K	22-May, 00:32
1-2km ESE	Recorded	1	Explosion	Undetermined	N/K	22-May, 00:47
1-2km ESE	Recorded	2	Explosion	Undetermined	N/K	22-May, 00:54
1-2km ESE	Recorded	6	Projectile	W to E	N/K	22-May, 01:05
1-2km ESE	Recorded	3	Projectile	E to W	N/K	22-May, 01:05
1-2km ESE	Recorded	1	Illumination Flare	Undetermined	N/K	22-May, 01:19
1-2km ESE	Recorded	1	Illumination Flare	Undetermined	N/K	22-May, 01:27
1-2km ESE	Recorded	5	Projectile	E to W	N/K	22-May, 01:40
1-2km ESE	Recorded	1	Projectile	E to W	N/K	22-May,

							01:45
	1-2km ESE	Recorded	8	Projectile	E to W	N/K	22-May, 01:46
	1-2km ESE	Recorded	4	Projectile	E to W	N/K	22-May, 01:47
	1-2km ESE	Recorded	1	Illumination Flare	Undetermined	N/K	22-May, 02:02
	1-2km ESE	Recorded	6	Projectile	E to W	N/K	22-May, 02:16
	1-2km ESE	Recorded	7	Projectile	W to E	N/K	22-May, 02:16
	1-2km ESE	Recorded	1	Illumination Flare	Undetermined	N/K	22-May, 03:19
SMM camera at Oktiabr mine (non-government-controlled, 9km NW of Donetsk)	3-6km NE	Recorded	2	Explosion	Undetermined	N/K	21-May, 20:52
	3-6km NE	Recorded	1	Explosion	Undetermined	N/K	21-May, 20:53
	3-6km NE	Recorded	1	Projectile	W to E	N/K	21-May, 20:55
	3-6km NE	Recorded	2	Explosion	Undetermined	N/K	21-May, 20:56
	3-6km NE	Recorded	1	Projectile	W to E	N/K	21-May, 20:56
	3-6km NE	Recorded	3	Projectile	W to E	N/K	21-May, 20:57
	3-6km NE	Recorded	2	Explosion	Undetermined	N/K	21-May, 20:58
	3-6km NE	Recorded	2	Burst	W to E	N/K	21-May, 20:58
	3-6km NE	Recorded	2	Burst	E to W	N/K	21-May, 21:09
	3-6km NE	Recorded	2	Projectile	E to W	N/K	21-May, 21:10
	3-6km NE	Recorded	3	Projectile	E to W	N/K	21-May, 21:11
	3-6km NE	Recorded	2	Projectile	E to W	N/K	21-May, 21:12
	3-6km NE	Recorded	1	Explosion	Undetermined	N/K	21-May, 21:14
	3-6km NE	Recorded	1	Illumination Flare	Undetermined	N/K	21-May, 21:17
	3-6km NE	Recorded	1	Explosion	Undetermined	N/K	21-May, 21:17
	3-6km NE	Recorded	1	Illumination Flare	Undetermined	N/K	21-May, 21:25
	3-6km NE	Recorded	1	Illumination Flare	Undetermined	N/K	21-May, 21:39
	3-6km NE	Recorded	1	Illumination Flare	Undetermined	N/K	21-May, 22:40
	3-6km NE	Recorded	1	Illumination Flare	Undetermined	N/K	21-May, 21:48
	SW edge of Avdiivka (government-controlled, 17km N of Donetsk)	3-5km ESE	Heard	8	Explosion	Undetermined	N/K
2-3km S		Heard	3	Burst		HMG	22-May, 09:33-09:48
2-3km ESE		Heard and Saw	1	Explosion	Impact	N/K	22-May, 09:41
6-7km ESE		Heard	1	Explosion	Undetermined	N/K	22-May, 09:41
5-6km ESE		Heard	1	Explosion	Undetermined	N/K	22-May, 10:54
3-5km ESE		Heard	1	Explosion	Undetermined	N/K	22-May, 11:50

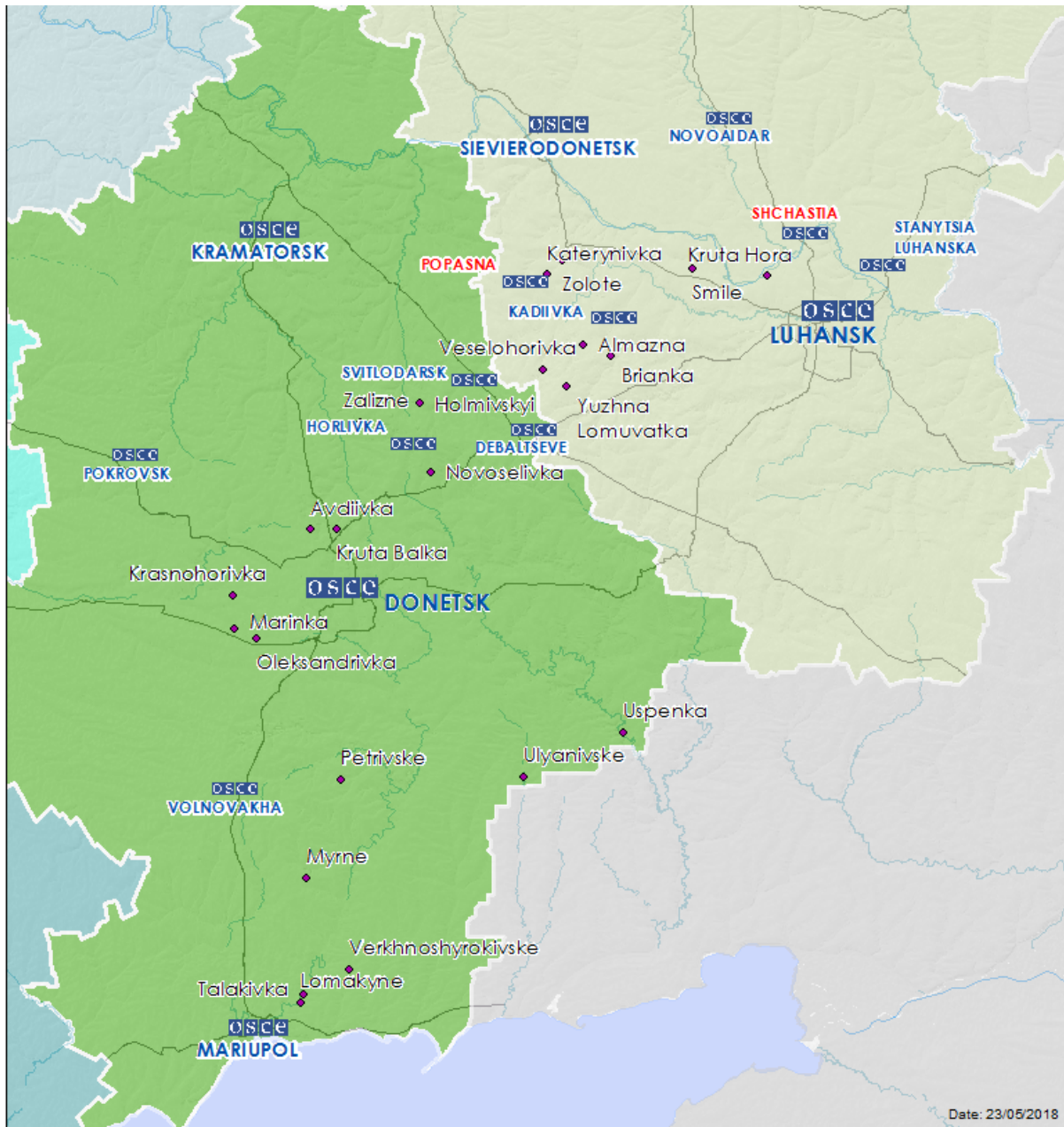
	3-5km E	Heard	3	Explosion	Undetermined	N/K	22-May, 13:01
Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-3km NW	Heard	9	Explosion	Undetermined	N/K	22-May, 09:34-09:45
	2-4km NW	Heard	1	Explosion	Undetermined	N/K	22-May, 11:52
1.1km NW of Railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	3-4km SW	Heard	3	Explosion	Undetermined	N/K	22-May, 13:00-13:05
	1-2km SW	Heard	15	Shot		Small arms	22-May, 14:03
	1-2km SW	Heard	20	Shot		Small arms	22-May, 14:04
	1km SW	Heard	15	Shot		Small arms	22-May, 14:06
	1-2km SW	Heard	50	Shot		Small arms	22-May, 14:08-14:12
2.5km SW of Novoselivka (non-government-controlled, 37km NE of Donetsk)	2-4km E	Heard	2	Explosion	N/K (assessed as live-fire training)	N/K	22-May, 12:58
	2-4km E	Heard	1	Explosion	N/K (assessed as live-fire training)	N/K	22-May, 12:59
	2-4km ENE	Heard		Burst	Uncountable	Small arms	22-May, 13:13-13:14
	2-4km ENE	Heard	10	Shot		Small arms	22-May, 13:16
	2-4km E	Heard	8	Explosion	N/K (assessed as live-fire training)	N/K	22-May, 13:20-13:21
	2-4km E	Heard	2	Explosion	N/K (assessed as live-fire training)	N/K	22-May, 13:34
Oleksandrivka (non-government-controlled, 20km SW of Donetsk)	2-4km NW	Heard	20	Explosion	Undetermined	N/K	22-May, 13:29-13:34
Trudivskiyi area in Petrovskiyi district (non-government-controlled, 15km SW of Donetsk city centre)	1-2km WNW	Heard	12	Explosion	Impact	N/K	22-May, 12:48-12:55
	1-2km WNW	Heard		Shots And Bursts	Uncountable	HMG	22-May, 12:48-12:55
	1-2km WNW	Heard		Shots And Bursts	Uncountable	Small arms	22-May, 12:48-12:55
Petrivske (non-government-controlled, 41km S of Donetsk)	1-2km N	Heard	1	Burst	Assessed as outside the disengagement area	Small arms	22-May, 13:25-13:27
	1-2km N	Heard	7	Shot	Assessed as outside the disengagement area	Small arms	22-May, 13:25-13:27
Horlivka (non-government-controlled, 39km NE of Donetsk)	3-5km SW	Heard And Saw	3	Explosion	Undetermined	N/K	21-May, 20:11
	7-10km SW	Heard	4	Explosion	Undetermined	N/K	21-May, 20:14
	4-5km SW	Heard	5	Explosion	Undetermined	N/K	21-May, 20:15-20:16
	4-5km SW	Heard	1	Explosion	Undetermined	N/K	21-May, 20:18
	4-5km SW	Heard	5	Burst		HMG	21-May,

						20:23- 20:25
3-4km SW	Heard	5	Burst		HMG	21-May, 20:30- 20:32
4-5km SW	Heard	1	Explosion	Undetermined	N/K	21-May, 20:31
5-6km SW	Heard	1	Explosion	Undetermined	N/K	21-May, 20:33
5-6km SW	Heard	1	Explosion	Undetermined	N/K	21-May, 20:33
5-6km SW	Heard	4	Burst		HMG	21-May, 20:33
5-6km SW	Heard	2	Explosion	Undetermined	N/K	21-May, 20:36
4-5km SW	Heard	2	Explosion	Undetermined	N/K	21-May, 20:36
4-5km SW	Heard	10	Burst		HMG	21-May, 20:38
4-5km SW	Heard	2	Burst		HMG	21-May, 20:40- 20:41
4-5km SW	Heard	3	Explosion	Undetermined	N/K	21-May, 20:44
4-5km SW	Heard	1	Burst		HMG	21-May, 20:44
4-5km SW	Heard	2	Explosion	Undetermined	N/K	21-May, 20:45
4-5km SW	Heard	1	Explosion	Undetermined	N/K	21-May, 21:03
7-8km SW	Heard	6	Shot		Small arms	21-May, 21:08
7-8km SW	Heard	4	Burst		HMG	21-May, 21:10
7-8km SW	Heard	4	Shot		Small arms	21-May, 21:11
6-8km SW	Heard	1	Explosion	Undetermined	N/K	21-May, 21:11
6-8km SW	Heard	1	Explosion	Undetermined	N/K	21-May, 21:13
6-8km SW	Heard	2	Explosion	Undetermined	N/K	21-May, 21:33
6-8km SSW	Heard	4	Burst		HMG	21-May, 21:39
6-8km SSW	Heard	1	Explosion	Undetermined	N/K	21-May, 21:44
4-6km SSW	Heard	5	Burst		HMG	21-May, 21:49
4-6km SW	Heard	2	Burst		HMG	21-May, 21:50
4-6km SW	Heard	2	Burst		HMG	21-May, 21:53
4-6km SSW	Heard	2	Burst		HMG	21-May, 21:56
4-6km NNW	Heard	5	Explosion	Undetermined	N/K	21-May, 21:59
0.5-1km N	Heard	1	Explosion	Outgoing	Artiller y (type N/K)	21-May, 22:34
0.5-1km N	Heard	1	Explosion	Outgoing	Artiller y (type N/K)	21-May, 22:49
0.5-1km N	Heard	1	Explosion	Outgoing	Artiller y (type N/K)	22-May, 01:05

	0.5-1km N	Heard	1	Explosion	Outgoing	Artillery (type N/K)	22-May, 03:11
Svitlodarsk (government-controlled, 57km NE of Donetsk)	1-2km SW	Heard	20	Burst		Small arms	21-May, 23:25-23:26
	1-2km S	Heard	20	Burst		Small arms	22-May, 01:34-01:35
	1-2km S	Heard	20	Burst		Small arms	22-May, 01:37-01:38
	1-2km S	Heard	100	Burst		Small arms	22-May, 02:01-02:10
	4-6km S	Heard	2	Explosion	Undetermined	N/K	22-May, 02:13
	2-4km S	Heard	10	Explosion	Undetermined	N/K	22-May, 06:01-06:05
	1-2km S	Heard	20	Burst		Small arms	22-May, 06:01-06:05
	2-3km SE	Heard	2	Explosion	Undetermined	N/K	22-May, 16:36
	3km SE	Heard	1	Explosion	Undetermined	N/K	22-May, 16:52
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	22-May, 17:11
	4-5km SE	Heard	1	Explosion	Undetermined	N/K	22-May, 17:22
	3-4km SE	Heard	1	Explosion	Undetermined	N/K	22-May, 17:38
Kruta Balka (non-government controlled, 16km N of Donetsk)	1-3km SW	Heard	4	Explosion	Undetermined	N/K	22-May, 09:35-09:38
	1-3km SW	Heard	9	Explosion	Undetermined	N/K	22-May, 09:40-09:41
	1-3km SW	Heard	1	Explosion	Undetermined	N/K	22-May, 09:47
	1-3km SW	Heard	1	Explosion	Undetermined	N/K	22-May, 09:52
	1-3km W	Heard	1	Explosion	Undetermined	N/K	22-May, 10:05
	1-3km SW	Heard	1	Explosion	Undetermined	N/K	22-May, 10:53
	4-5km SW	Heard	1	Explosion	Undetermined	N/K	22-May, 12:06
	1-3km SW	Heard	1	Explosion	Undetermined	N/K	22-May, 13:00
	1-3km SW	Heard	2	Explosion	Undetermined	N/K	22-May, 13:05
Prymorske (government controlled, 13 Km E of Mariupol)	N/K NE	Heard	2	Explosion	Undetermined	N/K	22-May, 09:41-09:46
3km WSW of Lebedynske (government controlled, 16km NE of Mariupol)	N/K NE	Heard	1	Explosion	Undetermined	N/K	22-May, 10:41
	N/K NE	Heard	2	Explosion	Outgoing	N/K	22-May, 10:58-11:00
	N/K NE	Heard	2	Explosion	Impact	N/K	22-May, 10:58-11:00
2km SE of Lebedynske	N/K E	Heard	41	Shot		Small	22-May,

(government controlled, 16km NE of Mariupol)						arms	09:30-09:50
	N/K N	Heard	8	Burst		Small arms	22-May, 09:30-09:50
SMM camera in Petrivske (non-government-controlled, 41km S of Donetsk)	500-1000m W	Recorded	2	Tracer	Trajectory N/K (assessed as outside the disengagement area)	N/K	17-May, 00:43
SMM camera near Prince Igor Monument SE of Stanytsi Luhanska bridge (15km NE of Luhansk)	12-15km NE	Recorded	3	Explosions	Artillery-type, assessed as outside the disengagement area	N/K	21-May, 21:49
SMM camera in Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	1-2km SSE	Recorded	1	Explosion	Assessed as inside the disengagement area	N/K	22-May, 04:03
SMM camera in Zolote (government-controlled, 60km NW of Luhansk)	4-9km S	Recorded	21	Burst	Assessed as outside the disengagement area	N/K	21-May, 21:48
	4-9km S	Recorded	3	Burst	Assessed as outside the disengagement area	N/K	21-May, 22:05
	5-7km SE	Recorded	1	Projectile	Assessed as outside the disengagement area	N/K	21-May, 22:28
E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	2-3km SW	Heard	1	Explosion	Undetermined	N/K	22-May, 01:58
	3-4km SW	Heard	3	Explosion	Undetermined	N/K	22-May, 03:57-04:03
	3-4km SW	Heard	9	Burst	Undetermined	HMG	22-May, 03:57-04:03
	3-4km SW	Heard	1	Explosion	Undetermined	N/K	22-May, 04:53
Malomykolaivka (non-government-controlled, 36km south-west of Luhansk)	7-10km NNE	Heard	6	Explosion	Undetermined	N/K	22-May, 10:30-10:32
Obozne (non-government-controlled, 18km north of Luhansk)	5km W	Heard	1	Explosion	Undetermined	N/K	22-May, 13:15
Vrubivka (non-government-controlled, 72km west of Luhansk)	5-8km NW	Heard	1	Explosion	N/K (likely controlled detonation)	N/K	22-May, 16:22
	5-8km NW	Heard	1	Explosion	N/K (likely controlled detonation)	N/K	22-May, 16:23

Map of Donetsk and Luhansk regions²



² 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: forward patrol bases from which SMM staff has temporarily relocated based on recommendations of security experts from participating States as well as SMM security considerations).