| SMM | Event | | | | | | |
|--------------------------|----------------------|----------------------|-----|---------------------------|--------------------|------------|--------------------------------|
| position | location | Means | No. | Observation | Description | Weapon | Date, time |
| SMM camera | location | | | | | | |
| in Berezove | | | | | | | |
| (government- | 2 51 GE | D 11 | 2 | D : (1 | ONLY NE | NT/17 | 27 D 22 1(|
| controlled, | 3-5km SE | Recorded | 2 | Projectile | SW to NE | N/K | 27-Dec, 23:16 |
| 31km SW of | | | | | | | |
| Donetsk) | | | | | | | |
| SMM camera | 1-2km SSE | Recorded | 1 | Illumination | In vertical flight | N/K | 27-Dec, 19:00 |
| in Chermalyk | | | | flare | _ | | |
| (government- | 1-2km SSE | Recorded | 3 | Explosion | Undetermined | N/K | 27-Dec, 19:02 |
| controlled, | 1-2km SSE | Recorded | 3 | Projectile | WSW to ENE | N/K | 27-Dec, 19:03 |
| 31km NE of | 1-2km SSE | Recorded | 3 | Projectile | ENE to WSW | N/K | 27-Dec, 19:04 |
| Mariupol) | 1.5-3km SSE | Recorded | 1 | Projectile | WSW to ENE | N/K | 27-Dec, 19:12 |
| | 1-2km SSE | Recorded | 6 | Projectile | ENE to WSW | N/K | 27-Dec, 19:22 |
| | 1-2km SSE | Recorded | 3 | Projectile | ENE to WSW | N/K | 27-Dec, 19:23 |
| | 1-2km SSE | Recorded | 4 | Projectile | WNW to ESE | N/K | 27-Dec, 19:24 |
| | 1-2km SSE | Recorded | 8 | Projectile | ENE to WSW | N/K | 27-Dec, 19:36 |
| | 1-2km SSE | Recorded | 1 | Projectile | ENE to WSW | N/K | 27-Dec, 19:57 |
| | 1-2km SSE | Recorded | 10 | Projectile | ENE to WSW | N/K | 27-Dec, 20:43 |
| | 1-2km SSE | Recorded | 2 | Projectile | E to W | N/K | 27-Dec, 20:47 |
| | 2-3km SSE | Recorded | 1 | Projectile | E to W | N/K | 27-Dec, 21:15 |
| | 1-2km SSE | Recorded | 10 | Projectile | WNW to ESE | N/K | 27-Dec, 21:22 |
| | 1-2km SSE | Recorded | 3 | Projectile | ENE to WSW | N/K | 27-Dec, 21:51 |
| | 1-2km SSE | Recorded | 4 | Projectile | ENE to WSW | N/K | 27-Dec, 21:52 |
| CMA | 1-2km SSE | Recorded | 3 | Projectile | NNE to SSW | N/K | 28-Dec, 02:41 |
| SMM camera at Donetsk | 1-2km S 0.5-1km S | Recorded | 23 | Projectile | SSE to NNW | N/K N/K | 27-Dec, 18:33 |
| Filtration | 1-2km S | Recorded Recorded | 4 | Explosion Muzzle flash | Impact | N/K | 27-Dec, 18:33 27-Dec, 18:34 |
| Station (15km | 0.3-1km S | Recorded | 3 | Projectile | NNW to SSE | N/K | 27-Dec, 18:34 27-Dec, 18:34 |
| N of Donetsk) | 1-2km S | Recorded | 2 | Projectile | SSW to NNE | N/K N/K | 27-Dec, 18:34 27-Dec, 18:34 |
| | 1-2km SSW | Recorded | 4 | Explosion | Undetermined | N/K | 27-Dec, 18:34 27-Dec, 18:34 |
| | 1-2km S5 W | Recorded | 9 | Muzzle flash | Ondetermined | N/K | 27-Dec, 18:34 27-Dec, 18:35 |
| | 1-2km S | Recorded | 3 | Projectile | SSE to NNW | N/K | 27-Dec, 18:35 |
| | 0.5-1km S | Recorded | 5 | Explosion | Impact | N/K | 27-Dec, 18:35 |
| | 300-500m | | - | | Impuot | | |
| | SSW | Recorded | 6 | Muzzle flash | | N/K | 27-Dec, 18:44 |
| | 1-2km S | Recorded | 2 | Projectile | SSE to NNW | N/K | 27-Dec, 18:49 |
| | 1-2km S | Recorded | 2 | Muzzle flash | | N/K | 27-Dec, 18:49 |
| | 0.5-1km SSW | Recorded | 2 | Explosion | Undetermined | N/K | 27-Dec, 18:49 |
| | 1-2km S | Recorded | 2 | Muzzle flash | | N/K | 27-Dec, 18:50 |
| | 0.5-1km SSW | Recorded | 2 | Explosion | Impact | N/K | 27-Dec, 18:50 |
| | 1-2km S | Recorded | 1 | Projectile | SSE to NNW | N/K | 27-Dec, 18:50 |
| | 1-2km S | Recorded | 3 | Muzzle flash | | N/K | 27-Dec, 18:54 |
| | 0.5-1km SSW | Recorded | 2 | Explosion | Impact | N/K | 27-Dec, 18:54 |
| | 1-2km S | Recorded | 2 | Projectile | SSE to NNW | N/K | 27-Dec, 18:54 |
| | 1-2km S | Recorded | 2 | Projectile | SSE to NNW | N/K | 27-Dec, 18:55 |
| | 0.5-1km SSW | Recorded | 5 | Explosion | Impact | N/K | 27-Dec, 18:55 |
| | 1-2km S | Recorded | 6 | Muzzle flash | | N/K | 27-Dec, 18:55 |
| | 1-3km SSW | Recorded | 2 | Projectile | NNW to SSE | N/K | 27-Dec, 19:31 |
| | 2-3km SSW | Recorded | 1 | Illumination flare | NW to SE | N/K | 27-Dec, 20:16 |
| | 0.5-1km S | Recorded | 1 | Projectile | S to N | N/K | 27-Dec, 22:36 |
| | 1-2km SSW | Recorded | 1 | Projectile | NNW to SSE | N/K | 27-Dec, 22:36 |

Table of ceasefire violations as of 28 December 2018¹

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.

| 0 | -2km SSW 0.5-1km SSW | Recorded Recorded | 1 | Projectile | NNW to SSE | N/K | 27-Dec, 23:07 |
|------------|-------------------------|----------------------|----------------|----------------------------|-------------|------------|--------------------------------|
| 1 | | | | | | NI/IZ | 27 Dag 22.46 |
| | -2km SSW | Recorded | $\frac{1}{2}$ | Muzzle flash Projectile | NNW to SSE | N/K N/K | 27-Dec, 23:46 28-Dec, 03:15 |
| | -2km SSW -3km SSW | Recorded | 1 | Projectile | NW to SE | N/K | 28-Dec, 05:03 |
| | -2km SW | Recorded | 6 | Projectile | E to W | N/K | 28-Dec, 03.03 28-Dec, 17:36 |
| | -4km ESE | Recorded | 1 | Projectile | N to S | N/K | 27-Dec, 18:25 |
| | -4km ESE | Recorded | 1 | Projectile | N to S | N/K | 27-Dec, 18:23 |
| | -4km ESE | Recorded | 1 | Projectile | S to N | N/K | 27-Dec, 18:28 |
| | -4km ENE | Recorded | 1 | Projectile | N to S | N/K | 27-Dec, 18:54 |
| | -4km ENE | Recorded | 2 | Projectile | N to S | N/K | 27-Dec, 18:57 |
| | -4km ENE | Recorded | 1 | Projectile | N to S | N/K | 27-Dec, 19:00 |
| | -4km ENE | Recorded | 5 | Projectile | N to S | N/K | 27-Dec, 19:03 |
| | -4km ENE | Recorded | 1 | Explosion | Impact | N/K | 27-Dec, 19:03 |
| | -4km ESE | Recorded | 1 | Projectile | S to N | N/K | 27-Dec, 19:12 |
| | -4km E | Recorded | 1 | Projectile | S to N | N/K | 27-Dec, 19:16 |
| | -4km ENE | Recorded | 8 | Projectile | N to S | N/K | 27-Dec, 19:22 |
| | -4km ENE | Recorded | 9 | Projectile | N to S | N/K | 27-Dec, 19:36 |
| | -4km ENE | Recorded | 1 | Projectile | N to S | N/K | 27-Dec, 19:43 |
| 2 | -4km ENE | Recorded | 13 | Projectile | N to S | N/K | 27-Dec, 19:45 |
| 3 | -5km ESE | Recorded | 2 | Projectile | WNW to ESE | N/K | 27-Dec, 20:03 |
| 3 | -5km ESE | Recorded | 2 | Projectile | WSW to ENE | N/K | 27-Dec, 20:03 |
| 3 | -5km ESE | Recorded | 3 | Projectile | N to S | N/K | 27-Dec, 20:51 |
| 3 | -5km E | Recorded | 12 | Projectile | NW to SE | N/K | 27-Dec, 21:00 |
| 3 | -5km E | Recorded | 13 | Projectile | NW to SE | N/K | 27-Dec, 21:01 |
| | -5km E | Recorded | 2 | Projectile | NW to SE | N/K | 27-Dec, 21:03 |
| 3 | -5km ESE | Recorded | 1 | Projectile | S to N | N/K | 27-Dec, 21:13 |
| | -5km ESE | Recorded | 5 | Projectile | NW to SE | N/K | 27-Dec, 21:15 |
| | -5km ESE | Recorded | 1 | Projectile | WNW to ESE | N/K | 27-Dec, 21:31 |
| | -5km ESE | Recorded | 12 | Projectile | NW to SE | N/K | 27-Dec, 21:39 |
| | -5km ESE | Recorded | 1 | Projectile | NNW to SSE | N/K | 27-Dec, 21:40 |
| | -5km ESE | Recorded | 14 | Projectile | NW to SE | N/K | 27-Dec, 21:48 |
| | -5km ESE | Recorded | 4 | Projectile | WNW to ESE | N/K | 27-Dec, 21:53 |
| | -5km ESE | Recorded | 6 | Projectile | NW to SE | N/K | 27-Dec, 22:13 |
| | -5km E | Recorded | 2 | Projectile | WNW to ESE | N/K | 27-Dec, 22:16 |
| | -5km E | Recorded | 1 | Projectile | WSW to ENE | N/K | 27-Dec, 22:34 |
| | -5km ENE | Recorded | 4 | Projectile | W to E | N/K | 27-Dec, 22:35 |
| | -5km ENE | Recorded | 2 | Projectile | NW to SE | N/K | 27-Dec, 22:35 |
| | -5km ENE | Recorded | 1 | Projectile | SW to NE | N/K | 27-Dec, 22:35 |
| | -5km ESE | Recorded | 1 | Projectile | N to S | N/K | 27-Dec, 22:51 |
| | -5km ESE | Recorded | 3 | Projectile | WNW to ESE | N/K | 27-Dec, 22:53 |
| | -5km ESE | Recorded | 1 | Muzzle flash | WNIW 4- ECE | N/K | 27-Dec, 23:13 |
| | -5km ESE | Recorded | 1 | Projectile Projectile | WNW to ESE | N/K | 27-Dec, 23:13 |
| | -5km ESE | Recorded | $\frac{3}{10}$ | 5 | WSW to ENE | N/K N/K | 27-Dec, 23:15 |
| | -5km ENE -5km ENE | Recorded Recorded | 3 | Projectile Muzzle flash | N to S | N/K | 27-Dec, 23:23 27-Dec, 23:23 |
| | -5km ENE | Recorded | 7 | Projectile | N to S | N/K | 27-Dec, 23:23 27-Dec, 23:26 |
| | -5km ENE | Recorded | 3 | Muzzle flash | IN 10 5 | N/K | 27-Dec, 23:20 27-Dec, 23:26 |
| | -5km ENE | Recorded | 4 | Projectile | N to S | N/K N/K | 27-Dec, 23:20 27-Dec, 23:27 |
| | -5km ENE | Recorded | 3 | Muzzle flash | 11105 | N/K | 27-Dec, 23:27 |
| | -5km ENE | Recorded | 2 | Projectile | N to S | N/K | 27-Dec, 23:27 |
| | -5km ENE | Recorded | 5 | Projectile | NW to SE | N/K | 27-Dec, 23:37 |
| | -5km ENE | Recorded | 4 | Muzzle flash | IT W ID DL | N/K | 27-Dec, 23:37 |
| | -5km ENE | Recorded | 5 | Projectile | NW to SE | N/K | 27-Dec, 23:37 27-Dec, 23:38 |
| | -6km ESE | Recorded | 3 | Projectile | N to S | N/K | 28-Dec, 00:15 |
| | -5km ENE | Recorded | 1 | Muzzle flash | 1100 | N/K | 28-Dec, 01:46 |
| | -5km ENE | Recorded | 1 | Projectile | WSW to ENE | N/K | 28-Dec, 01:46 |
| | -5km ENE | Recorded | 1 | Projectile | WSW to ENE | N/K | 28-Dec, 02:01 |
| | -5km ESE | Recorded | 3 | Projectile | S to N | N/K | 28-Dec, 02:16 |
| | -5km ENE | Recorded | 1 | Projectile | N to S | N/K | 28-Dec, 02:18 |
| | -5km ESE | Recorded | 3 | Projectile | N to S | N/K | 28-Dec, 03:35 |
| | -5km E | Recorded | 5 | Projectile | N to S | N/K | 28-Dec, 04:16 |
| | -5km ESE | Recorded | 2 | Muzzle flash | | N/K | 28-Dec, 23:38 |
| | | | | Explosion | Impact | N/K | 27-Dec, 18:22 |
| SMM camera | -4km NE | Recorded | 1 | | | | |

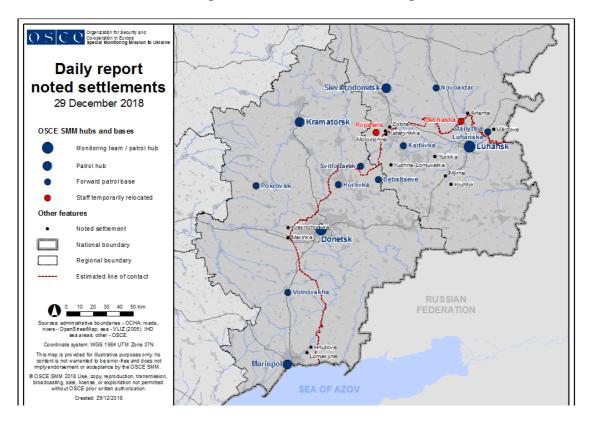
| Transform | | | | | | | |
|---|-----------|----------|----|-----------------------|--------------------|------------------|-------------------------|
| Lomakyne (government- | | | | | | | |
| controlled, | | | | | | | |
| 15km NE of | | | | | | | |
| Mariupol) | | | | | | | |
| SMM camera | 3-5km ENE | Recorded | 1 | Illumination flare | In vertical flight | N/K | 27-Dec, 20:24 |
| Maiorsk | 3-5km ENE | Recorded | 1 | Illumination flare | In vertical flight | N/K | 27-Dec, 20:26 |
| controlled, | 3-5km ENE | Recorded | 1 | Illumination flare | In vertical flight | N/K | 27-Dec, 20:45 |
| Donetsk) | 3-5km ENE | Recorded | 1 | Illumination flare | In vertical flight | N/K | 28-Dec, 05:02 |
| Avdiivka | 1-2km SW | Heard | 36 | Shot | | Small arms | 28-Dec, 10:55- 11:00 |
| controlled, | 1-2km SW | Heard | 12 | Burst | | Small arms | 28-Dec, 10:55- 11:00 |
| | 1-2km SW | Heard | 3 | Explosion | Undetermined | N/K | 28-Dec, 12:21 |
| Donetsk) | 5-6km NE | Heard | 4 | Explosion | Undetermined | N/K | 28-Dec, 12:30- |
| | | | - | | | | 12:35 |
| Donetsk | 1-2km NNE | Heard | 1 | Shot | | Small arms | 28-Dec, 09:32 |
| station (non- | 1-2km SW | Heard | 9 | Shot | | Small arms | 28-Dec, 10:27- 10:30 |
| controlled, | 2-3km NW | Heard | 8 | Shot | | Cannon (30mm) | 28-Dec, 10:43- 10:45 |
| 6km NW of Donetsk city | 1-2km NW | Heard | 5 | Shot | | Small arms | 28-Dec, 12:11- 12:20 |
| centre) | 1 01 | TT 1 | 10 | D | | Small | 28-Dec, 12:11- |
| · | 1-2km NW | Heard | 18 | Burst | | arms | 12:20 |
| | 1-2km NW | Heard | 5 | Shot | | Cannon (30mm) | 28-Dec, 12:11- 12:20 |
| | 3-5km N | Heard | 11 | Explosion | Undetermined | N/K | 28-Dec, 12:21- 12:36 |
| | 2-3km N | Heard | 4 | Shot | | Small arms | 28-Dec, 12:21- 12:36 |
| | 1km NNW | Heard | 1 | Explosion | Impact | N/K | 28-Dec, 12:35 |
| | 1-2km NNW | Heard | 9 | Burst | | Small arms | 28-Dec, 12:45- 12:50 |
| | 1-2km NNW | Heard | 1 | Explosion | Undetermined | N/K | 28-Dec, 12:45- 12:50 |
| | 1-2km NW | Heard | 3 | Shot | | Small arms | 28-Dec, 12:58- 13:00 |
| | 1-2km NNW | Heard | 3 | Shot | | Small arms | 28-Dec, 13:10 |
| controlled, 6km NW of Donetsk city centre) | 2-4km NW | Heard | | Shots and bursts | Uncountable | Small arms | 28-Dec, 11:20 |
| 1km NW of railway station | 2-3km N | Heard | | Burst | Uncountable | HMG | 28-Dec, 09:10- 09:13 |
| | 2km NNW | Heard | 6 | Burst | | HMG | 28-Dec, 09:18 |
| government- | 2-3km SW | Heard | 2 | Shot | | Small arms | 28-Dec, 09:32 |
| TOKIH INE OI | 2-3km N | Heard | 5 | Shot | | Small arms | 28-Dec, 09:56 |
| Donetsk) | 2km W | Heard | 7 | Shot | | Small arms | 28-Dec, 10:01- 10:21 |
| | 3km NW | Heard | 5 | Shot | | Small arms | 28-Dec, 10:23- 10:30 |
| | 2km SW | Heard | 6 | Shot | | Small | 28-Dec, 10:34- |

| | 1 | 1 | r | | | 0.0000 | 11.01 |
|--|--------------|-------|----|-----------|--------------|-------------------|---------------------------------|
| | 3-4km NNW | Heard | 32 | Shot | | arms HMG | 11:01 28-Dec, 10:34- |
| | 3-4km ININ W | Heard | 32 | Snot | | HMG | 11:01 |
| | 2-3km W | Heard | 1 | Explosion | Undetermined | N/K | 28-Dec, 10:34- 11:01 |
| | 2-3km SW | Heard | 44 | Shot | | HMG | 28-Dec, 10:34- 11:01 |
| | 2-3km WSW | Heard | 9 | Burst | | Small | 28-Dec, 11:10- |
| | | | | | | arms Small | 11:15 28-Dec, 11:10- |
| | 2-3km S | Heard | 6 | Shot | | arms | 11:15 |
| | 2-5km SW | Heard | 13 | Explosion | Undetermined | N/K | 28-Dec, 12:21- 12:45 |
| | 2-5km SW | Heard | 5 | Shot | | Small arms | 28-Dec, 12:21- 12:45 |
| | 2-3km SW | Heard | 13 | Shot | | Small arms | 28-Dec, 12:47- 13:10 |
| | 2-4km S | Heard | 4 | Shot | | Small arms | 28-Dec, 13:20- 13:38 |
| | 2-4km S | Heard | 5 | Burst | | Small arms | 28-Dec, 13:20- 13:38 |
| 2km NW of Debaltseve (non- government- controlled, 58km NE of Donetsk) | 2-3km NW | Heard | 6 | Burst | | HMG | 28-Dec, 14:19 |
| 2km SW of Pyshchevyk | N/K NE | Heard | 1 | Burst | | Small arms | 28-Dec, 10:22 |
| (government- controlled, 25km NE of Mariupol) | N/K NE | Heard | 10 | Burst | | Small arms | 28-Dec, 10:30- 10:35 |
| Orlivske (government- | N/K E | Heard | 1 | Explosion | Outgoing | Mortar (120mm) | 28-Dec, 12:09 |
| controlled, 23km NE of | N/K SE | Heard | 2 | Shot | | Small arms | 28-Dec, 12:21- 12:30 |
| Mariupol) | N/K NNE | Heard | 1 | Explosion | | N/K | 28-Dec, 12:26 |
| Svitlodarsk | 3-5km SE | Heard | 1 | Explosion | Undetermined | N/K | 27-Dec, 18:31 |
| (government- | 3-5km SE | Heard | 1 | Explosion | Undetermined | N/K | 27-Dec, 18:39 |
| controlled, | 3-5km ESE | Heard | 1 | Burst | | HMG | 27-Dec, 18:52 |
| 57km NE of | 3-5km SE | Heard | 2 | Explosion | Undetermined | N/K | 27-Dec, 18:59 |
| Donetsk) | 3-5km SE | Heard | 1 | Explosion | Undetermined | N/K | 27-Dec, 19:05 |
| | 3-5km SSW | Heard | 7 | Burst | | HMG | 27-Dec, 19:34- 19:35 |
| | 3-5km SE | Heard | 1 | Explosion | Undetermined | N/K | 27-Dec, 19:54 |
| | 3-5km SE | Heard | 3 | Explosion | Undetermined | N/K | 27-Dec, 20:48- 20:50 |
| | 5-8km SW | Heard | 2 | Explosion | Undetermined | N/K | 27-Dec, 21:45 |
| | 3-5km SE | Heard | 1 | Burst | | HMG | 27-Dec, 21:49 |
| | 3-5km SE | Heard | 5 | Shot | | Small arms | 27-Dec, 22:59 |
| | 3-5km ESE | Heard | 1 | Explosion | Undetermined | N/K | 27-Dec, 23:22 |
| | 3-5km ESE | Heard | 3 | Burst | | HMG | 27-Dec, 23:23 |
| | 3-5km SE | Heard | 2 | Burst | | HMG | 27-Dec, 23:42 28-Dec, 16:45- |
| | 3-5km SE | Heard | 8 | Burst | I Ind-town 1 | HMG | 16:50 |
| | 3-5km SE | Heard | 2 | Explosion | Undetermined | N/K | 28-Dec, 16:55 |
| | 3-5km SE | Heard | 3 | Burst | | HMG | 28-Dec, 17:09 |
| | 3-5km SE | Heard | 9 | Burst | | HMG | 28-Dec, 17:29- 17:31 |
| | 3-5km SE | Heard | 7 | Explosion | Undetermined | N/K | 28-Dec, 17:34- 17:37 |
| | 3-5km SE | Heard | 5 | Burst | | HMG | 28-Dec, 17:42 |

| | | | r | | | 1 | |
|---|------------------|----------|----|------------|---|---------------|----------------------------------|
| | 3-5km SE | Heard | 2 | Explosion | Undetermined | N/K | 28-Dec, 17:44 |
| | 3-5km SE | Heard | 3 | Burst | | HMG | 28-Dec, 17:45 |
| | 3-5km SE | Heard | 1 | Explosion | Undetermined | N/K | 28-Dec, 17:46 |
| | 3-5km SE | Heard | 6 | Burst | | HMG | 28-Dec, 17:50- 17:52 |
| | 3-5km SE | Heard | 2 | Explosion | Undetermined | N/K | 28-Dec, 17:50- 17:52 |
| | 3-5km SE | Heard | 5 | Burst | | HMG | 28-Dec, 18:15 |
| | 4-6km SE | Heard | 10 | Burst | | HMG | 28-Dec, 18:23- 18:25 |
| | 4-6km SE | Heard | 1 | Explosion | Undetermined | N/K | 28-Dec, 18:25 |
| E edge of | 2-4km SW | Heard | 10 | Burst | | HMG | 28-Dec, 11:10- |
| Kamianka (government- controlled, | 2-4km SW | Heard | 11 | Shot | | Small arms | 11:15 28-Dec, 11:10- 11:15 |
| 20km N of | 4-6km SW | Heard | 2 | Explosion | Undetermined | N/K | 28-Dec, 12:25 |
| Donetsk) | 4-6km SW | Heard | 1 | Explosion | Undetermined | N/K | 28-Dec, 12:22 |
|) | 3-4km SW | Heard | 2 | Explosion | Undetermined | N/K | 28-Dec, 12:30 |
| | 3-4km SW | Heard | 2 | Explosion | Undetermined | N/K | 28-Dec, 12:30 |
| SMM camera | J-4KIII 5 W | Ilealu | 2 | Explosion | NE to SW | 1N/ K | 28-Dec, 12.32 |
| in Zolote (government- controlled, 60km W of | 1.5-2.5km ESE | Recorded | 1 | Projectile | (assessed as inside the disengagement area) | N/K | 27-Dec, 18:01 |
| Luhansk) | 1.5-2.5km ESE | Recorded | 1 | Projectile | NE to SW (assessed as inside the disengagement area) | N/K | 27-Dec, 18:02 |
| | 1.5-2.5km SE | Recorded | 2 | Projectile | NE to SW (assessed as inside the disengagement area) | N/K | 27-Dec, 18:02 |
| | 3-5km SE | Recorded | 1 | Projectile | S to N (unable to assess whether inside or outside the disengagement area) | N/K | 27-Dec, 20:28 |
| | 2-4km E | Recorded | 1 | Projectile | NW to SE (assessed as outside the disengagement area) | N/K | 27-Dec, 20:35 |
| | 2-4km ESE | Recorded | 2 | Projectile | NNE to SSW (assessed as outside the disengagement area) | N/K | 27-Dec, 20:52 |
| | 2-4km E | Recorded | 2 | Projectile | NW to SE (assessed as outside the disengagement area) | N/K | 27-Dec, 20:52 |
| | 2-4km SE | Recorded | 1 | Projectile | N to S (assessed as inside the disengagement area) | N/K | 27-Dec, 21:00 |
| | 2-4km SE | Recorded | 2 | Projectile | WSW to ENE (assessed as inside the disengagement area) | N/K | 27-Dec, 21:07 |
| | 2-4km SE | Recorded | 2 | Projectile | ENE to WSW (assessed as | N/K | 27-Dec, 21:35 |

| | | | 1 | r | | T | 1 |
|---|------------|----------|---|------------|---------------------------|--------------|---------------|
| | | | | | inside the | | |
| | | | | | disengagement area) | | |
| | | | | | NE to SW | | |
| | | | | | (assessed as | | |
| | 2-4km SE | Recorded | 3 | Projectile | inside the | N/K | 27-Dec, 22:08 |
| | | | | 5 | disengagement | | , |
| | | | | | area) | | |
| | | | | | NE to SW | | |
| | | | | | (assessed as | | |
| | 2-4km SE | Recorded | 1 | Projectile | inside the | N/K | 27-Dec, 22:09 |
| | | | | | disengagement | | |
| | | | | | area) | | _ |
| | | | | | NE to SW | | |
| | | | | | (approximately 10 rounds; | | |
| | 2-4km SE | Recorded | 1 | Burst | assessed as | N/K | 27-Dec, 22:30 |
| | 2-4KIII SE | Recorded | 1 | Duist | inside the | 11/1 | 27-Dec, 22.30 |
| | | | | | disengagement | | |
| | | | | | area) | | |
| | | | | | NNW to SSE | | |
| | | | | | (assessed as | | |
| | 2-4km SE | Recorded | 4 | Projectile | inside the | N/K | 27-Dec, 22:31 |
| | | | | | disengagement | | |
| | | | | | area) | | |
| | | | | | NNW to SSE | | |
| | | | - | | (assessed as | (| |
| | 2-4km SE | Recorded | 2 | Projectile | inside the | N/K | 27-Dec, 22:45 |
| | | | | | disengagement | | |
| | | | | | area) NE to SW | | |
| | | | | | (unable to | | |
| | | Recorded | 1 | Projectile | assess weather | N/K | 27-Dec, 22:46 |
| | 3-5km SE | | | | inside or outside | | |
| | 5 5Kill 5E | Recorded | 1 | riojeetne | the | 10/1 | |
| | | | | | disengagement | | |
| | | | | | area) | | |
| | | | | | NE to SW | | |
| | | | | | (assessed as | | |
| | 2-4km SE | Recorded | 1 | Projectile | inside the | N/K | 28-Dec, 00:58 |
| | | | | | disengagement | | |
| | | | | | area) | | |
| | | | | | NE to SW | | |
| | | | 1 | Burst | (approximately | | |
| | 2-4km SE | Recorded | | | 10 rounds; assessed as | N/K | 28 Dec 02:12 |
| | 2-4KIII SE | Recolded | 1 | Buist | inside the | 1N/ K | 28-Dec, 02:12 |
| | | | | | disengagement | | |
| | | | | | area) | | |
| | | 1 | | | NW to SE | | |
| | | 1 | | | (unable to | | |
| | | 1 | | | assess whether | | |
| | 2-4km E | Recorded | 1 | Projectile | inside or outside | N/K | 28-Dec, 04:22 |
| | | | | | the | | |
| | | 1 | | | disengagement | | |
| | | | | | area) | | |
| | | 1 | | | NW to SE | | |
| | | | | | (approximately | | |
| | 2 41 005 | Decent | 1 | Durt | 5 rounds; | NI/IZ | 29 D 05 57 |
| | 2-4km SSE | Recorded | 1 | Burst | assessed as inside the | N/K | 28-Dec, 05:57 |
| | | 1 | | | disengagement | | |
| | | 1 | | | area) | | |
| | | 1 | | | NNE to SSW | | |
| | 1-3km E | Recorded | 3 | Projectile | (assessed as | | 28-Dec, 16:27 |
| | | | - | | outside the | | |
| L | | | | | | | |

| | | | | | disengagement area) | | |
|---|-----------|-------|----|-----------|---|------------------|-------------------------|
| S edge of Holubivske (non- government- controlled, 51km W of Luhansk) | 3-5km WNW | Heard | 3 | Burst | | HMG | 28-Dec, 09:10- 09:11 |
| Vilkhove (government- | 5-7km S | Heard | 5 | Explosion | Undetermined | N/K | 28-Dec, 09:37- 09:42 |
| controlled, 22km NE of | 1km S | Heard | 6 | Burst | | Small arms | 28-Dec, 09:42- 09:43 |
| Luhansk) | 5-7km SW | Heard | 13 | Explosion | Undetermined | N/K | 28-Dec, 09:51- 09:52 |
| 2km SSW of Kalynove (non- government- controlled, 60km W of Luhansk) | 2-3km SW | Heard | 13 | Burst | | HMG | 28-Dec, 09:58- 10:20 |
| Stanytsia Luhanska bridge (15km NE of | 2km NNE | Heard | 1 | Shot | Assessed as outside the disengagement area | Small arms | 28-Dec, 10:16- 10:20 |
| Luhansk) | 12km W | Heard | 1 | Explosion | Undetermined | N/K | 28-Dec, 10:16- 10:20 |
| Zolote- 5/Mykhailivka (non- government- controlled, | 1-2km W | Heard | 9 | Shot | Unable to assess whether inside or outside the disengagement area | Small arms | 28-Dec, 11:12- 11:25 |
| 58km W of Luhansk) | 1-2km SE | Heard | 8 | Shot | Assessed as outside the disengagement area | Small arms | 28-Dec, 11:35 |
| NE edge of Yuzhna- | 3-4km NW | Heard | 6 | Burst | | Cannon (30mm) | 28-Dec, 11:55- 12:15 |
| Lomuvatka (non- | 3-4km W | Heard | 13 | Burst | | Cannon (30mm) | 28-Dec, 11:55- 12:15 |
| government- controlled, 60km W of Luhansk) | 3-4km W | Heard | 2 | Explosion | Outgoing | N/K | 28-Dec, 11:55- 12:15 |



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).