

Table of ceasefire violations as of 23 October 2016¹

SMM position	Location of event	Observation	Type of weapon/ammunition	Date/time	
Park Inn Hotel ("DPR"-controlled, Donetsk city centre)	5-8km SSW	Heard 1 undetermined explosion	N/K	21 October, 20:59	
		Heard 1 undetermined explosion		21 October, 21:05	
		Heard 1 undetermined explosion		21 October, 21:08	
		Heard 1 undetermined explosion		21 October, 21:11	
		Heard 1 undetermined explosion		21 October, 21:17	
		Heard 1 undetermined explosion		21 October, 21:35	
		Heard 2 undetermined explosions		21 October, 23:00	
	5-10km NW	Heard 1 undetermined explosion		21 October, 23:01	
		Heard 2 undetermined explosions		22 October, 02:34	
		Heard 1 undetermined explosion		22 October, 02:39	
		Heard 1 undetermined explosion		22 October, 02:46	
		Heard 1 undetermined explosion		22 October, 02:52	
	4-8km NW	Heard 1 undetermined explosion		22 October, 03:11	
		Heard 1 undetermined explosion		22 October, 03:43	
	4-6 km NW	Heard 3 undetermined explosions		N/K	22 October, 21:03
		Heard 1 undetermined explosion			22 October, 21:04
		Heard 2 undetermined explosions			22 October, 21:05
		Heard 1 undetermined explosion			22 October, 21:07
		Heard 2 undetermined explosions			22 October, 21:09
		Heard 2 undetermined explosions			22 October, 21:40
Heard 1 undetermined explosion		22 October, 21:43			
SMM camera in Avdiivka (government- controlled, 17km N of Donetsk)	4-5km SE	Recorded 3 glowing projectiles fired from N to S	N/K	21 October, 22:36	
		Recorded 4 glowing projectiles fired from N to S		21 October, 22:39	
		Recorded 1 glowing projectile fired from N to S		21 October, 22:50	
		Recorded 2 glowing projectiles fired from S to N			
		Recorded 1 explosion (impact)		21 October, 23:07	
		Recorded 2 airbursts		22 October, 03:43	
		Recorded 3 airbursts		22 October, 04:55	
		Recorded 3 airbursts		22 October, 05:15	
	Recorded 5 airbursts	22 October, 05:37			
	3-5km SE	Recorded 1 undetermined explosion		N/K	22 October, 10:11
Yasynuvata ("DPR"- controlled, 16km NE of Donetsk)	2-3km W	Heard 1 undetermined explosion	N/K	22 October, 09:35	
	3-5km W	Heard 4 undetermined explosions		22 October, 11:55	
		Heard 2 undetermined explosions		22 October, 12:00	
		Heard 4 undetermined explosions		22 October, 13:36	
	4-6km SW	Heard 1 undetermined explosion	N/K	23 October, 11:09	
		Heard 1 undetermined explosion		23 October, 11:50	

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.

		Heard 1 undetermined explosion		23 October, 12:45
		Heard 1 undetermined explosion		23 October, 12:46
		Heard 1 undetermined explosion		23 October, 12:47
SMM camera in Shyrokyne (government-controlled, 20km E of Mariupol)	2-5km N (from Shyrokyne to Sakhanka)	Recorded 3 bursts of direct tracer fired from SW to NE	Anti-aircraft gun (ZU-23/2, 23mm)	21 October, 18:23
	8km NNE	Recorded 1 explosion (impact)		21 October, 18:26
	4-6km NNE (in vicinity of Sakhanka)	Recorded 13 bursts of direct tracer fired	N/K	21 October, 18:53
		Recorded 1 undetermined explosion		21 October, 19:56
		Recorded 27 outgoing indirect rocket-assisted projectiles from WSW to ENE	MLRS	21 October, 21:41-21:42
		Recorded 2 bursts of direct tracer fired from E to W	N/K	21 October, 21:43
		Recorded 5 shots of tracers fired from N to NE		22 October, 20:08
		Recorded 2 shots of tracers fired from N to NE		22 October, 20:09
		Recorded 2 shots of tracers fired from N to NE		22 October, 20:12
		Recorded 1 undetermined rocket assisted projectile fired from N to NE		22 October, 20:14
		Recorded 5 shots of tracers fired from N to NE		22 October, 20:35
		Recorded 5 shots tracers fired from N to NE		22 October, 21:05
		Recorded 1 undetermined explosion NNE direction		22 October, 21:06
		Recorded 5 shots of tracers fired from NE to ENE		22 October, 21:11
		Recorded 10 shots tracers fired from NE to ENE		22 October, 22:44
		Recorded 1 tracer fired from E to W	N/K	22 October, 22:58
		Recorded 3 shots of tracers fired from E to W		22 October, 23:03
		Recorded 1 undetermined explosion		22 October, 23:14
		Recorded 5 undetermined tracers		22 October, 23:16
		Recorded 3 explosions (outgoing)		22 October, 01:02
		Recorded 1 undetermined tracer fire		22 October, 02:17
		Recorded 2 shots of tracers fired from SW to NE		22 October, 02:56
		Recorded 1 flare explosion		22 October, 03:26
		Recorded at least 10 bursts of tracers fired from SE to NW		
		Recorded 5 shots of tracers fired from S to N		22 October, 04:07
		Recorded 2 shots of tracers fired from S to N		22 October, 04:14
	Pavlopil (government-controlled, 26km NE of Mariupol)	N/K, W	Heard 1 undetermined explosion	
		Heard 3 undetermined explosions	N/K	
N/K, E		Heard 5 undetermined explosions		22 October, 12:05 - 12:15
		Heard 2 bursts	HMG	22 October, 12:10
	N/K, S	Heard 1 undetermined explosion	N/K	23 October, 09:54
Svitlodarsk (government-	2-3km ESE	Heard 4 bursts		21 October, 18:00
	3-4km ESE	Heard 3 bursts	HMG	21 October, 18:10

controlled, 57km NE of Donetsk)		Heard 4 explosions (impacts)	AGL	21 October, 18:13
	2-3km ESE	Heard 3 bursts	HMG	21 October, 18:15
	4-5km SE	Heard 4 undetermined explosions	Recoilless gun (SPG-9, 73mm)	21 October, 18:30
	2-3km ESE	Heard 3 bursts	HMG	21 October, 18:40
	4-5km SE	Heard 4 undetermined explosions	Recoilless gun (SPG-9, 73mm)	21 October, 18:55
	2-3km ESE	Heard 8 explosions (impacts)	Mortar (82mm)	21 October, 19:10-19:25
		Heard 3 bursts	HMG	21 October, 19:45
		Heard 11 explosions (impacts)	Mortar (82mm)	21 October, 19:55-20:10
		Heard 8 bursts	HMG	21 October, 20:10-20:15
		Heard 10 explosions (impacts)	Mortar (120mm)	21 October, 20:15-20:30
		Heard 3 bursts	HMG	21 October, 20:40
		Heard 2 explosions (impacts)	Recoilless gun (SPG-9, 73mm)	21 October, 20:50
		Heard 5 bursts	HMG	21 October, 21:15
		Heard 2 explosions (impacts)	AGL	21 October, 21:20
		Heard 5 bursts	HMG	21 October, 21:30
		Heard 27 bursts	Small arms	21 October, 21:45-22:10
	8-10km NE	Heard 4 explosions (impacts)	Mortar (120mm)	21 October, 22:25
	2-3km ESE	Heard 18 bursts	Small arms	21 October, 22:45-23:00
		Heard 16 bursts		21 October, 23:15-23:30
	8-10km SE	Heard 11 undetermined explosions	Mortar (120mm)	21 October, 23:20-23:25
	2-3km ESE	Heard 4 explosions (impacts)	Recoilless gun (SPG-9, 73mm)	21 October, 23:25
		Heard 4 explosions (impacts)	AGL	21 October, 23:33
		Heard 22 bursts	Small arms	21 October, 23:46-00:00
		Heard 4 explosions (impacts)	Recoilless gun (SPG-9, 73mm)	22 October, 00:43
		Heard 6 explosions (impacts)	AGL	22 October, 01:00
		Heard 4 explosions (impacts)	Recoilless gun (SPG-9, 73mm)	22 October, 01:05
		Heard 5 bursts	HMG	22 October, 01:10
		Heard 14 bursts	Small arms	22 October, 01:37-02:00
		Heard 2 explosions (impacts)	AGL	22 October, 02:05
		Heard 7 explosions (impacts)		22 October, 02:47
		Heard 6 bursts	HMG	22 October, 03:03
		Heard 34 bursts	Small arms	22 October, 03:30-04:00
		Heard 21 bursts		22 October, 05:30-05:45
	4-5 km ESE	Heard 14 undetermined explosions	N/K	22 October, 19:24-19:26
		Heard 2 undetermined explosions		22 October, 19:36
		Heard 2 explosions (impacts)		22 October, 19:52
		Heard 3 explosions (impacts)		22 October, 19:52
		Heard 6 explosion (outgoing)	Recoilless gun (SPG-9, 73mm)	22 October, 19:55
		Heard 1 explosion (outgoing)		22 October, 20:00
		Heard 6 bursts	HMG	22 October, 20:10-20:12
		Heard 5 undetermined explosions	N/K	22 October, 20:13-20:28
		Heard 4 bursts	HMG	22 October, 20:30
		Heard 1 explosion (outgoing)	Recoilless gun (SPG-9, 73mm)	22 October, 20:32
		Heard 3 undetermined explosions	N/K	22 October, 20:34

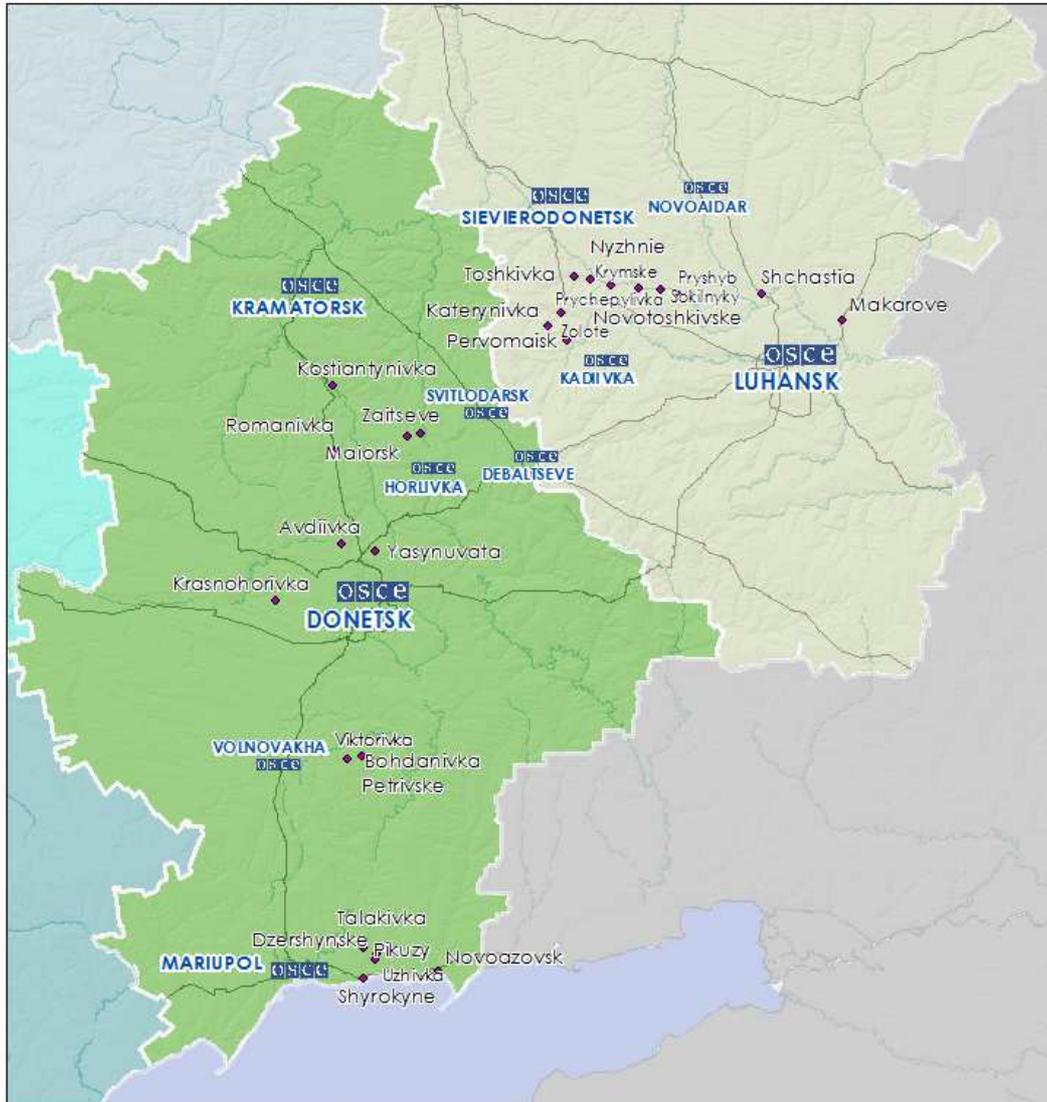
		Heard 13 bursts (outgoing)	HMG	22 October, 20:34-20:50
		Heard 7 explosions (outgoing)	Recoilless gun (SPG-9, 73mm)	22 October, 21:03-21:08
		Heard 13 bursts (outgoing)	HMG	22 October, 21:32-22:03
		Heard 17 explosions (outgoing)	Recoilless gun (SPG-9, 73mm)	22 October, 23:02-23:18
		Heard 19 explosions (impacts)	N/K	22 October, 23:20-23:24
		Heard 11 bursts	HMG	22 October, 23:26-23:57
		Heard 7 explosions (impacts)	N/K	23 October, 00:06-00:23
Horlivka ("DPR"-controlled, 39 Km NE of Donetsk)	7-10km WSW	Heard 3 undetermined explosions	N/K	21 October, 20:04
	5-6km WSW	Heard 3 bursts (3-5 shots each)	Small arms	21 October, 20:06
		Heard 10 bursts (3-4 shots each)		21 October, 20:15
		Heard 2 bursts (3-5 shots each)		21 October, 20:17
	10-12km WSW	Heard 2 undetermined explosions	N/K	
	5-7km WSW	Heard 4 bursts (2-3 shots each)	HMG	21 October, 20:19
		Heard 2 shots	N/K	
		Heard a continuous exchange of fire for 1 minutes	HMG	21 October, 20:20-20:21
		Heard 3 bursts		21 October, 20:22
		Heard 6 explosions (outgoing)	N/K	
	7-9km WSW	Heard 1 explosion (outgoing)	Artillery (122mm)	21 October, 20:23
	7-10km WSW	Heard 4 explosions (outgoing)	N/K	21 October, 20:24
	5-6km WSW	Heard 10 bursts	Small arms	21 October, 20:25
	10-12km WSW	Heard 2 undetermined explosions	N/K	21 October, 20:29
	8-10km WSW	Heard 2 explosions (outgoing)		
	5-7km WSW	Heard 8 bursts	HMG	
		Heard 7 bursts	Small arms	21 October, 20:31
	7-8km WSW	Heard 1 explosion (impact)	N/K	21 October, 20:33
	7-9km WSW	Heard 2 explosions (outgoing)	Artillery (122mm)	21 October, 20:38
	5-6km WSW	Heard 12 bursts (2-5 shots each)	Small arms	
	7-9km WSW	Heard 2 explosions (outgoing)	Artillery (122mm)	21 October, 20:48
	8-10km WSW	Heard 1 undetermined explosion	N/K	
		Heard 1 explosion (impact)		
	5-6km WSW	Heard uncountable, overlapping bursts and single shots	Small arms	21 October, 20:50-20:52
	8-10km WSW	Heard 1 explosion (impact)	N/K	21 October, 20:54
	10-12km WSW	Heard 1 undetermined explosion		21 October, 20:56
	8-10km WSW	Heard 1 explosion (impact)		21 October, 21:00
Heard 1 explosion (impact)		21 October, 21:04		
Heard 1 undetermined explosion		21 October, 21:09		
Heard 1 explosion (impact)		21 October, 21:14		
10-12km WSW	Heard 6 undetermined explosions			21 October, 21:19
7-9km WSW	Heard 4 undetermined explosions	Mortar (120mm)		22 October, 20:15
	Heard 12 undetermined explosions			22 October, 20:30
8-10km W	Heard 11 undetermined explosions			22 October, 20:32

		Heard 6 undetermined explosions	Artillery (122mm)	22 October, 20:33
	5-6km W	Heard 7 undetermined explosions	Mortar (82mm)	22 October, 20:35
		Heard 3 undetermined explosions	Mortar 120mm)	22 October, 20:40
		Heard 4 bursts	Anti-aircraft gun (ZU-23-2, 23mm)	22 October, 20:41
		Heard 5 undetermined explosions	IFV (BMP-1) cannon (73mm), RPG	22 October, 20:45
	4-5km W	Heard 4 undetermined explosions	Mortar (82mm)	22 October, 20:46
		Heard 2 undetermined explosions		22 October, 20:49
		Heard 8 bursts (6-8 shots each)	IFV (BMP-2) cannon (30mm)	22 October, 20:50
		Heard 2 undetermined explosions	Mortar (82mm)	22 October, 20:51
	8-10km W	Heard 3 undetermined explosions	Mortar (120mm)	22 October, 20:55
	4-5km W	Heard 7 undetermined explosions	Mortar (82mm)	22 October, 20:57
		Heard 8 undetermined explosions		22 October, 20:59
		Heard 8 undetermined explosions		22 October, 21:00
		Heard 2 bursts (20 shots each)	IFV (BMP-2) cannon (30mm)	22 October, 21:02
	5-6km W	Heard 6 undetermined explosions	Mortar (82mm)	22 October, 21:04
	8-10km W	Heard 8 undetermined explosions	Mortar (120mm)	22 October, 21:10
	4-5km W	Heard 3 undetermined rounds	IFV (BMP-1) cannon (73mm), RPG	22 October, 21:12
	5-6km W	Heard 9 undetermined explosions	Mortar (82mm)	22 October, 21:13
	8-10km W	Heard 5 undetermined explosions	Mortar (120mm)	22 October, 21:15
	5-6km W	Heard 11 undetermined explosions	Mortar (82mm)	22 October, 21:28
Avdiivka (government-controlled, 17km N of Donetsk)	2.5km SE	Heard 1 explosions (impact)	Mortar (82mm)	22 October, 10:37
		Heard 1 explosion (outgoing)	Recoilless gun (SPG-9, 73mm)	22 October, 11:14
		Heard 2 bursts	HMG	22 October, 11:40
		Heard 2 explosions (impacts)	Mortar (120mm)	22 October, 11:41
		Heard 1 explosion (impact)	Mortar (82mm)	22 October, 12:07
		Heard 2 bursts	HMG	22 October, 12:12
		Heard 2 explosions (impacts)	Mortar (120mm)	22 October, 12:17
		Heard 2 explosions (impacts)		22 October, 12:29
		Heard 2 shots	AGL	22 October, 13:00
		Heard 1 explosion (impact)	Mortar (120mm)	22 October, 13:34
		Heard 2 explosions (impacts)		22 October, 13:35
		Heard 2 explosions (impacts)		22 October, 13:36
		Heard 4 explosions (impacts)	Mortar (82mm)	22 October, 13:41
		Heard 12 explosions (impacts)		22 October, 13:45
		Heard 2 explosions (impacts)		22 October, 13:46
		Heard 1 explosion (impact)	Mortar (120mm)	22 October, 13:52
		Heard 1 explosion (impact)	Mortar (82mm)	22 October, 14:05
		Heard 1 explosion (impact)	Mortar (120mm)	22 October, 14:18
		Heard 1 explosion (impacts)	Mortar (82mm)	22 October, 14:18
	4-5km SSE	Heard 5 bursts	N/K	23 October, 11:20
		Heard 5 bursts	Anti-aircraft gun (ZU23-2, 23mm)	23 October, 11:21
	4km SSE	Heard 1 explosion (impact)	Recoilless gun (SPG-9, 73mm)	23 October, 11:28

		Heard 5 explosions (outgoing)	RPG	23 October, 11:43	
	4km SE	Heard 1 explosion (impact)	Recoilless gun (SPG-9, 73mm)	23 October, 11:45	
		Heard 1 explosion (impact)	N/K	23 October, 11:47	
	5km SSE	Heard 10 undetermined explosions		23 October, 11:40-11:50	
	4km SE	Heard 1 undetermined explosions		23 October, 11:56	
	4-5 SE	Heard 2 undetermined explosions		23 October, 12:08	
	4km SE	Heard 1 undetermined explosions		23 October, 12:09	
	3km E	Heard 5 explosions (outgoing)		Mortar (N/K calibre)	23 October, 12:44-12:26
		Heard 3 bursts	HMG	23 October, 12:46	
		Heard 2 explosions (outgoing)	Mortar (N/K calibre)	23 October, 12:48	
	3km SE	Heard 1 undetermined explosion	N/K	23 October, 13:40	
	3km SE	Heard 1 undetermined explosion		23 October, 13:50	
		Heard 3 explosions (outgoing)	Mortar (N/K calibre)	23 October, 15:20	
		Heard 12 shots	AGL	23 October, 15:30-15:45	
		Heard 11 explosions (outgoing)	Mortar (N/K calibre)		
		Heard 7 bursts	Heavy machine-gun		
		Heard 7 undetermined explosions	N/K		
			1 outgoing explosion	Mortar (N/K calibre)	23 October, 15:55
			1 outgoing explosion		23 October, 15:59
			1 outgoing explosion		23 October, 16:02
Maiorsk checkpoint (government-controlled, 45km NE of Donetsk)	5-6 km ENE	Heard 6 undetermined explosions	N/K	23 October, 15:50-16:00	
Pikuzy (formerly Kominternove, "DPR"-controlled, 23km NE of Mariupol)	3km S	Heard 3 undetermined explosions	N/K	23 October, 10:55	
		Heard 1 undetermined explosion			
	5km ESE	Heard 1 undetermined explosion		23 October, 12:00	
3km NW of Lebedynske (government-controlled, 16km NE of Mariupol)		Heard 3 undetermined explosions	N/K	23 October, 10:55	
Azov (formerly Dzerzhynske, "DPR"-controlled, 25 Km NE of Mariupol)	1km E	1 undetermined explosion	N/K	23 October, 14:06	
Donetsk central railway station ("DPR"-controlled, 6km NW of Donetsk city centre)	3-4km NE	Heard 1 single shot	Small arms	23 October, 14:40	
	3-4km ENE	Heard 14 undetermined explosions	N/K	23 October, 15:36	
		Heard 8 undetermined explosions	Mortar (N/K calibre)	23 October, 15:37-15:38	
		Heard 8 explosions (impacts)		23 October, 15:40-15:42	
	4km N	Heard 8 bursts	Heavy machine-gun	23 October, 15:43	
S of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	1km E (DA)	Heard 1 undetermined explosion (inside DA)	N/K	22 October, 12:07	
Zhovte ("LPR"-controlled, 18km N of Luhansk)	5km NE	Heard 1 explosion	AGS	23 October, 10:03	

Katerynivka (government-controlled, 62km W of Luhansk)	800m NW	Heard 2 single shots (outside DA)	Small arms	23 October, 10:04
“LPR”-controlled side of Stanytsia Luhanska bridge (government-controlled, 16km NE of Luhansk)	1km NE	Heard 5 single shots (inside DA)	Small arms	23 October, 10:59-11:00
Krymske (government-controlled, 44km N of Luhansk)	N/K	Heard 1 explosion	N/K	23 October, 12:00
Zolote-3 (government-controlled, 61km NW of Luhansk)	2km E	Heard more than 40 undetermined explosions (outside DA)	Mortars	23 October, 12:34-14:10
		Heard more than 20 bursts (outside DA)	HMG	

Map of Donetsk and Luhansk regions²



² The SMM is actively 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 since 27 September based on recommendations of security experts from participating States.)