MSG No. 13.66 $P2/c1'$ [Type II, monoclinic]

Table 1: Wyckoff site: `2a`, site symmetry: `-11'`

No.	position	mapping
1	$[0, 0, 0]$	`[1,3,5,7]`
2	$\left[0, 0, \frac{1}{2}\right]$	`[2,4,6,8]`

Table 2: Wyckoff site: `2b`, site symmetry: `-11'`

No.	position	mapping
1	$\left[\frac{1}{2}, \frac{1}{2}, 0\right]$	`[1,3,5,7]`
2	$\left[\frac{1}{2}, \frac{1}{2}, \frac{1}{2}\right]$	`[2,4,6,8]`

Table 3: Wyckoff site: `2c`, site symmetry: `-11'`

No.	position	mapping
1	$\left[0, \frac{1}{2}, 0\right]$	`[1,3,5,7]`
2	$\left[0, \frac{1}{2}, \frac{1}{2}\right]$	`[2,4,6,8]`

Table 4: Wyckoff site: `2d`, site symmetry: `-11'`

No.	position	mapping
1	$\left[\frac{1}{2}, 0, 0\right]$	`[1,3,5,7]`
2	$\left[\frac{1}{2}, 0, \frac{1}{2}\right]$	`[2,4,6,8]`

Table 5: Wyckoff site: `2e`, site symmetry: `21'`

No.	position	mapping
1	$\left[0, y, \frac{1}{4}\right]$	`[1,2,5,6]`
2	$\left[0, -y, \frac{3}{4}\right]$	`[3,4,7,8]`

Table 6: Wyckoff site: `2f`, site symmetry: `21'`

No.	position	mapping
1	$\left[\frac{1}{2}, y, \frac{1}{4}\right]$	`[1,2,5,6]`
2	$\left[\frac{1}{2}, -y, \frac{3}{4}\right]$	`[3,4,7,8]`

Table 7: Wyckoff site: `4g`, site symmetry: `11'`

No.	position	mapping
1	$[x,\, y,\, z]$	`[1,5]`
2	$\left[-x,\, y,\, \frac{1}{2} - z\right]$	`[2,6]`
3	$[-x,\, -y,\, -z]$	`[3,7]`
4	$\left[x,\, -y,\, z + \frac{1}{2}\right]$	`[4,8]`

No.	position	mapping
1	$[x,\, y,\, z]$	`[1,5]`
2	$\left[-x,\, y,\, \frac{1}{2} - z\right]$	`[2,6]`
3		