MSG No. 11.53 $P2_1/m'$ [Type III, monoclinic]

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

No.	position	mapping
1	$[0, 0, 0]$	[1,3]
2	$\left[0, \frac{1}{2}, 0\right]$	[2,4]

Table 2: Wyckoff site: 2b, site symmetry: -1'

No.	position	mapping
1	$\left[\frac{1}{2}, 0, 0\right]$	[1,3]
2	$\left[\frac{1}{2}, \frac{1}{2}, 0\right]$	[2,4]

Table 3: Wyckoff site: 2c, site symmetry: -1'

No.	position	mapping
1	$\left[0, 0, \frac{1}{2}\right]$	[1,3]
2	$\left[0, \frac{1}{2}, \frac{1}{2}\right]$	[2,4]

Table 4: Wyckoff site: 2d, site symmetry: -1'

No.	position	mapping
1	$\left[\frac{1}{2}, 0, \frac{1}{2}\right]$	[1,3]
2	$\left[\frac{1}{2}, \frac{1}{2}, \frac{1}{2}\right]$	[2,4]

Table 5: Wyckoff site: 2e, site symmetry: m'

No.	position	mapping
1	$\left[x, \frac{1}{4}, z\right]$	[1,4]
2	$\left[-x, \frac{3}{4}, -z\right]$	[2,3]

Table 6: Wyckoff site: 4f, site symmetry: 1

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

continued ...

Table 6

No.	position	mapping
3	$[-x,\ -y,\ -z]$	[3]
4	$\left[x,\ \frac{1}{2}-y,\ z\right]$	[4]