MSG No. 15.86 $C2/c1'$ [Type II, monoclinic]

Table 1: Wyckoff site: 4a, site symmetry: -11'

No.	position	mapping
1	$[0, 0, 0]$	[1,3,9,11]
2	$\left[0, 0, \frac{1}{2}\right]$	[2,4,10,12]
3	$\left[\frac{1}{2}, \frac{1}{2}, 0\right]$	[5,7,13,15]
4	$\left[\frac{1}{2}, \frac{1}{2}, \frac{1}{2}\right]$	[6,8,14,16]

Table 2: Wyckoff site: 4b, site symmetry: -11'

No.	position	mapping
1	$\left[0, \frac{1}{2}, 0\right]$	[1,3,9,11]
2	$\left[0, \frac{1}{2}, \frac{1}{2}\right]$	[2,4,10,12]
3	$\left[\frac{1}{2}, 0, 0\right]$	[5,7,13,15]
4	$\left[\frac{1}{2}, 0, \frac{1}{2}\right]$	[6,8,14,16]

Table 3: Wyckoff site: 4c, site symmetry: -11'

No.	position	mapping
1	$\left[\frac{1}{4}, \frac{1}{4}, 0\right]$	[1,7,9,15]
2	$\left[\frac{3}{4}, \frac{1}{4}, \frac{1}{2}\right]$	[2,8,10,16]
3	$\left[\frac{3}{4}, \frac{3}{4}, 0\right]$	[3,5,11,13]
4	$\left[\frac{1}{4}, \frac{3}{4}, \frac{1}{2}\right]$	[4,6,12,14]

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

No.	position	mapping
1	$\left[\frac{1}{4}, \frac{1}{4}, \frac{1}{2}\right]$	[1,7,9,15]
2	$\left[\frac{3}{4}, \frac{1}{4}, 0\right]$	[2,8,10,16]
3	$\left[\frac{3}{4}, \frac{3}{4}, \frac{1}{2}\right]$	[3,5,11,13]
4	$\left[\frac{1}{4}, \frac{3}{4}, 0\right]$	[4,6,12,14]

Table 5: Wyckoff site: 4e, site symmetry: 21'

No.	position	mapping
1	$\left[0, y, \frac{1}{4}\right]$	[1,2,9,10]
2	$\left[0, -y, \frac{3}{4}\right]$	[3,4,11,12]

continued ...

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Table 5

No.	position	mapping
3	$\left[\frac{1}{2}, y+\frac{1}{2}, \frac{1}{4}\right]$	[5,6,13,14]
4	$\left[\frac{1}{2}, \frac{1}{2}-y, \frac{3}{4}\right]$	[7,8,15,16]

Table 6: Wyckoff site: `8f`, site symmetry: `11'`

No.	position	mapping
1	$[x, y, z]$	[1,9]
2	$\left[-x, y, \frac{1}{2}-z\right]$	[2,10]
3	$[-x, -y, -z]$	[3,11]
4	$\left[x, -y, z+\frac{1}{2}\right]$	[4,12]
5	$\left[x+\frac{1}{2}, y+\frac{1}{2}, z\right]$	[5,13]
6	$\left[\frac{1}{2}-x, y+\frac{1}{2}, \frac{1}{2}-z\right]$	[6,14]
7	$\left[\frac{1}{2}-x, \frac{1}{2}-y, -z\right]$	[7,15]
8	$\left[x+\frac{1}{2}, \frac{1}{2}-y, z+\frac{1}{2}\right]$	[8,16]