MSG No. 56.366 $Pccn1'$ [Type II, orthorhombic]

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

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

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

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

Table 3: Wyckoff site: 4c, site symmetry: ..21'

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

Table 4: Wyckoff site: 4d, site symmetry: ..21'

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

Table 5: Wyckoff site: 8e, site symmetry: 11'

No.	position	mapping
1	$[x, y, z]$	[1,9]
2	$\left[x + \frac{1}{2}, -y, \frac{1}{2} - z\right]$	[2,10]

continued ...

1

Table 5

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

2 $+\ \frac{1}{2}$

$\left[x+\frac{1}{2},\ y+\frac{1}{2},\ -z\right]$