MSG No. 17.14 $P_C 222_1$ [Type IV, orthorhombic]

Table 1: Wyckoff site: 4a, site symmetry: 2..

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

Table 2: Wyckoff site: 4b, site symmetry: .2.

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

Table 3: Wyckoff site: 8c, site symmetry: 1

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