

MSG No. 75.2 $P41'$ [Type II, tetragonal]

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

No.	position	mapping
1	[0, 0, z]	[1,2,3,4,5,6,7,8]

Table 2: Wyckoff site: 1b, site symmetry: 4..1'

No.	position	mapping
1	[\frac{1}{2}, \frac{1}{2}, z]	[1,2,3,4,5,6,7,8]

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

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

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

No.	position	mapping
1	[x, y, z]	[1,5]
2	[-y, x, z]	[2,6]
3	[y, -x, z]	[3,7]
4	[-x, -y, z]	[4,8]