MSG No. 81.33 $P\bar{4}$ [Type I, tetragonal]

Table 1: Wyckoff site: `1a`, site symmetry: `-4..`

No.	position	mapping
1	[0, 0, 0]	`[1,2,3,4]`

Table 2: Wyckoff site: `1b`, site symmetry: `-4..`

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

Table 3: Wyckoff site: `1c`, site symmetry: `-4..`

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

Table 4: Wyckoff site: `1d`, site symmetry: `-4..`

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

Table 5: Wyckoff site: `2e`, site symmetry: `2..`

No.	position	mapping
1	$[0, 0, z]$	`[1,2]`
2	$[0, 0, -z]$	`[3,4]`

Table 6: Wyckoff site: `2f`, site symmetry: `2..`

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

Table 7: Wyckoff site: 2g, site symmetry: 2..

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

Table 8: Wyckoff site: 4h, site symmetry: 1

No.	position	mapping
1	$[x,\, y,\, z]$	[1]
2	$[-x,\, -y,\, z]$	[2]
3	$[y,\, -x,\, -z]$	[3]
4	$[-y,\, x,\, -z]$	[4]