MSG No. 2.7 $P_S\bar{1}$ [Type IV, triclinic]

Table 1: Wyckoff site: `2a`, site symmetry: `-1`

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

Table 2: Wyckoff site: `2b`, site symmetry: `-1'`

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

Table 3: Wyckoff site: `2c`, site symmetry: `-1`

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

Table 4: Wyckoff site: `2d`, site symmetry: `-1`

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

Table 5: Wyckoff site: `2e`, site symmetry: `-1`

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

Table 6: Wyckoff site: `2f`, site symmetry: `-1'`

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

Table 7: Wyckoff site: `2g`, site symmetry: `-1'`

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

Table 8: Wyckoff site: `2h`, site symmetry: `-1'`

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

Table 9: Wyckoff site: `4i`, site symmetry: `1`

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