

MSG No. 143.1 *P3* [ Type I, trigonal ]

Table 1: Wyckoff site: **1a**, site symmetry: 3..

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

Table 2: Wyckoff site: **1b**, site symmetry: 3..

No.	position	mapping
1	[ $\frac{1}{3}$ , $\frac{2}{3}$ , $z$ ]	[1,2,3]

Table 3: Wyckoff site: **1c**, site symmetry: 3..

No.	position	mapping
1	[ $\frac{2}{3}$ , $\frac{1}{3}$ , $z$ ]	[1,2,3]

Table 4: Wyckoff site: **3d**, site symmetry: 1

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