$S_1$ : GCL of $P_A$								$S_1$ : GCL of $P_B$						
$\mathrm{Slot} \#$	$q_4$	$q_3$	$q_2$	$q_1$	${ m q}_{ m nm}$	${ m q}_{ m be}$		$\mathrm{Slot}\#$	$q_4$	$q_3$	$q_2$	$q_1$	$q_{nm}$	$q_{ m be}$
0	0	0	0	0	1	0		0	0	0	0	0	1	0
1	0	0	1	0	0	0		1	0	0	0	0	0	1
2	0	0	0	0	1	0		2	0	0	0	1	0	0
3	0	0	0	0	0	1		3	0	0	0	0	0	1
4	0	0	0	0	0	1		4	0	0	0	0	0	1
5	0	0	0	0	0	1		5	0	0	0	0	0	1
6	0	0	0	0	0	1		6	0	0	0	0	0	1
7	0	0	0	0	0	1		7	0	0	0	0	0	1
8	0	0	0	0	0	1		8	0	0	0	0	0	1
9	0	0	0	0	0	1		9	0	0	0	0	0	1
S <sub>2</sub> : GCL of P <sub>A</sub>								S <sub>2</sub> : GCL of P <sub>B</sub>						
$\mathrm{Slot} \#$	$q_4$	$q_3$	$q_2$	$q_1$	$q_{\mathrm{nm}}$	$q_{\mathrm{be}}$		Slot#	$q_4$	$q_3$	$q_2$	$q_1$	$q_{\mathrm{nm}}$	$q_{\mathrm{be}}$
0	0	0	0	0	1	0		0	0	0	0	0	1	0
1	0	0	1	0	0	0		1	0	0	0	0	1	0
2	0	0	0	0	0	1		2	0	0	0	1	0	0
3	0	0	0	0	0	1		3	0	0	0	0	0	1
			-	_	0	-1		4	0	0	0	0	0	1
4	0	0	0	0	0	1		-	U	U	U	U	0	1
4 5	0	0	0	0	0	1		5	0	0	0	0	0	1
		_								_ `				
5	0	0	0	0	0	1		5	0	0	0	0	0	1
5 6	0	0	0	0	0	1		5 6	0	0	0	0	0	1