Edge	Hit	Return Value	Action
(0,1)	No	-	-
(1,2)	No	-	-
(2,3)	No	-	-
(3,0)	Yes	1	Reserve 1
(3,1)	Yes	2	Reserve 2
(1,3)	Yes	2	Release 2
(1,4)	No	-	-
(4,5)	No	-	-
(5,6)	No	-	-
(6,4)	Yes	2	Reserve 2
(4,6)	Yes	2	Release 2
(0,3)	Yes	1	Release 1