

Input				Current State
Sh	H2	H1	In	ADVANCE B1
E	E	R	U	READ COLOR
E	R	E	E	STORE B1

Input				Current State
Sh	H2	H1	In	ADVANCE
E	E	R	E	ADVANCE B1
E	E	W	E	REJECT B1
E	E	W	U	READ COLOR
E	R	R	E	STORE B2

Input				Current State
Sh	H2	H1	In	INTAKE B1
E	E	E	U	READ COLOR

Input				Current State
Sh	H2	H1	In	READ COLOR
E	E	E	R	ADVANCE
E	E	E	W	ADVANCE
E	E	R	R	ADVANCE
E	E	R	W	REJECT B2
E	E	W	R	REJECT B1
E	E	W	W	REJECT B1
E	R	E	R	ADVANCE
E	R	E	W	REJECT B2
E	W	E	R	REJECT B1
E	W	E	W	REJECT B1

Input				Current State
Sh	H2	H1	In	REJECT B1
E	E	E	E	INTAKE B1
E	E	W	U	READ COLOR
E	R	E	E	STORE B1
E	W	E	U	READ COLOR

Input				Current State
Sh	H2	H1	In	REJECT B2
E	E	R	E	ADVANCE B1
E	R	E	E	STORE B1

Input				Current State
Sh	H2	H1	In	STORE B1
E	R	E	U	READ COLOR