$[\overline{sil} \wedge ((sil?_1 \wedge sil?_0) \vee (sil?_1 \wedge \neg sil?_0)) \rightarrow sil?x; ready?\downarrow; sil?_1\uparrow; sil?_0\uparrow [X_0 \wedge X_1 \rightarrow [address_{node} == x_{address} \rightarrow flag\uparrow; o!x; ready?\uparrow []$
$address_{node} != x_{address} \rightarrow flag\downarrow; sor!x; ready?\uparrow]]$
$[X_0 \wedge \neg X_1 \rightarrow [flag \rightarrow o!x; ready?\uparrow []$
$\neg flag \rightarrow sor!x; ready?\uparrow]]$
$[\exists X_0 \wedge \neg X_1 \rightarrow [flag \rightarrow o!x; flag\rightarrow; si?\rightarrow; ready?\uparrow []$
$\neg flag \rightarrow sor!x; flag\rightarrow; si?\rightarrow; ready?\uparrow]]$

$\overline{sir} \wedge \neg \overline{sil} \wedge ((sil?_1 \wedge \neg sil?_0) \vee (\neg sil?_1 \wedge \neg sil?_0)) \rightarrow sir?x;$ " " " same as above but sil_0 goes down " " " []
$\overline{i} \wedge (si?_0 \wedge \neg si?_1) \rightarrow si?x; ready?\downarrow; sil?_1\downarrow sil?_0\uparrow [X_0 \wedge X_1 \rightarrow [address_{node} == x_{address} \rightarrow flag\uparrow; o!x; ready\uparrow []$
$address_{node} != x_{address} \rightarrow flag\downarrow; [X_3 \rightarrow sor!x; ready?\uparrow []$
$\neg X_3 \rightarrow sol!x; ready?\uparrow]]$

$X_0 \wedge \neg X_1 \rightarrow [flag \rightarrow o!x; ready?\uparrow []$
$\neg flag \wedge X_3 \rightarrow sor!x; ready?\uparrow []$
$\neg flag \wedge \neg X_3 \rightarrow sol!x; ready?\uparrow]]$

$\neg X_0 \wedge \neg X_1 \rightarrow [flag \rightarrow o!x; flag\rightarrow; si?\rightarrow; ready?\uparrow []$
$\neg flag \wedge X_3 \rightarrow sor!x; flag\rightarrow; si?\rightarrow; ready\uparrow []$
$\neg flag \wedge \neg X_3 \rightarrow sol!x; flag\rightarrow; si?\rightarrow; ready?\uparrow]]]$