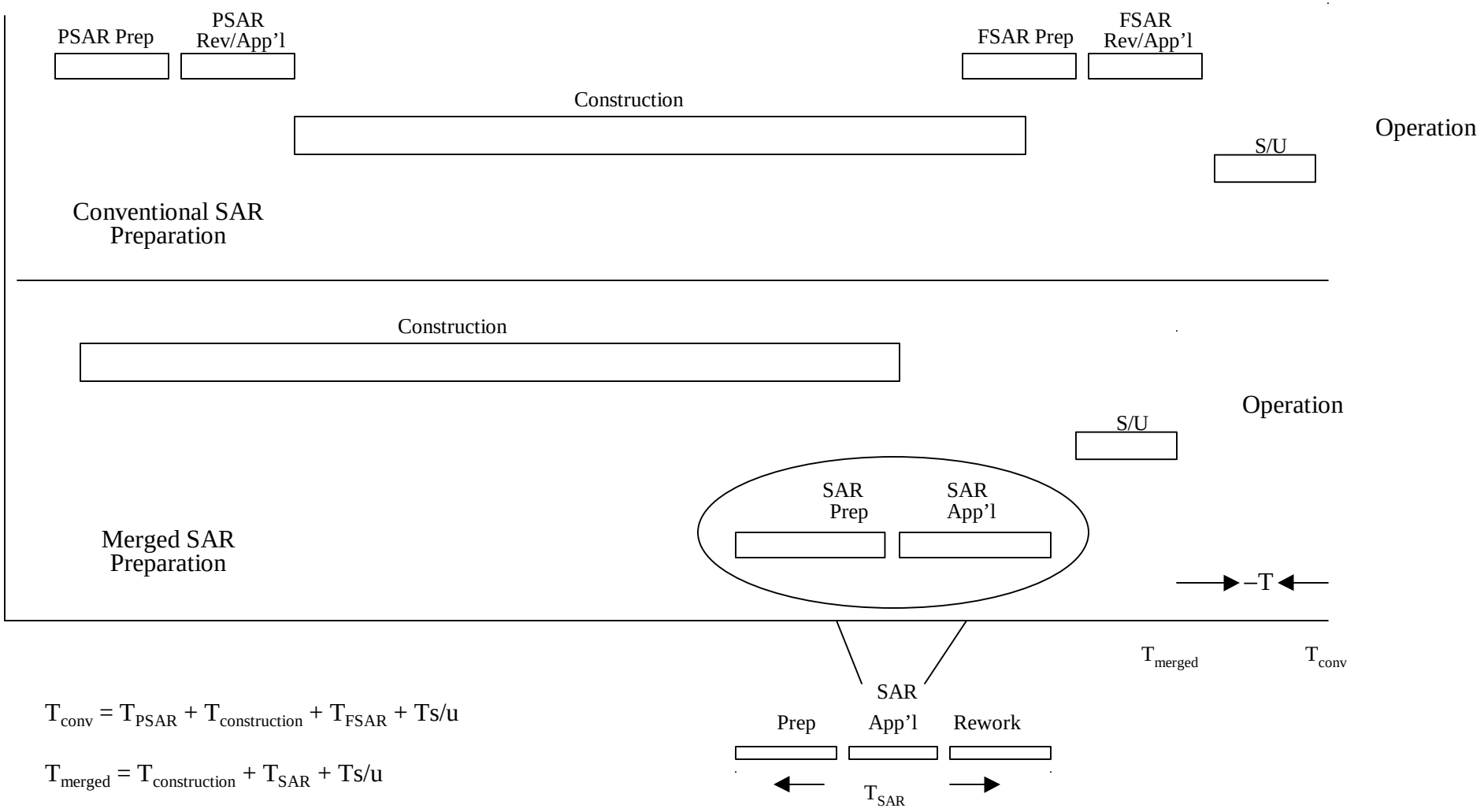


$T_{conv} = T_{PSAR} + T_{construction} + T_{FSAR} + Ts/u$

$T_{merged} = T_{construction} + T_{SAR} + Ts/u$

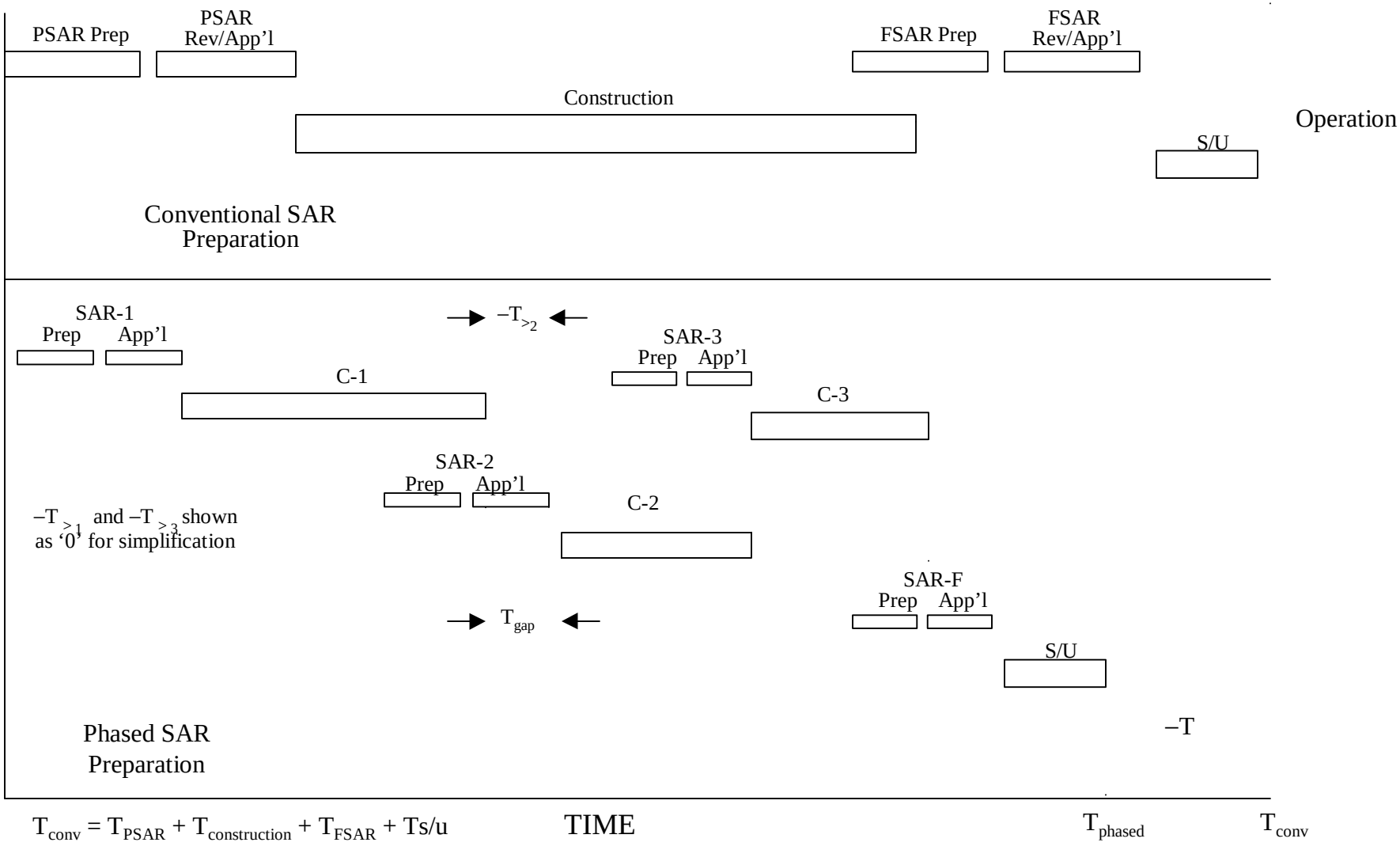
$-T = (T_{PSAR} + T_c + T_{FSAR} + T_{S/U}) - (T_C + T_{SAR} + T_{S/U})$

Assume construction and startup times are the same.

$-T = (T_{PSAR} + T_{FSAR}) - (T_{Prep} + T_{App'l} + T_{Rework})$

–T must be >0 to accelerate the schedule.

Figure One



$T_{conv} = T_{PSAR} + T_{construction} + T_{FSAR} + Ts/u$

$T_{phased} = T_{SAR-1} + -T_{>1} + T_{C-1} + -T_{>2} + T_{C-2} + -T_{>3} + T_{C-3} + -T_{>F} + T_{s/u}$

$-T = (T_{PSAR} + T_{construction} + T_{FSAR} + T_{S/U}) -$

$(T_{SAR-1} + -T_{>1} + -T_{>2} + -T_{>3} + -T_{>F}) - (T_{C-1} + T_{C-2} + T_{C-3}) - T_{S/U}$

Assume construction and startup times are the same.

$= (T_{PSAR} + T_{FSAR}) - (T_{SAR-1} + -T_{>1} + -T_{>2} + -T_{>3} + -T_{>F})$

$-T$ must be >0 to accelerate the schedule.

Figure Two