



AVR =
$$AV$$
 request has arrived using any of the identities i, p, p, p''
AV_x = AV sent to SN with x in $RAND$

 $LU_x = Location update for x has arrived$

AKA(x,y) = UE identified with x, the AKA is successful, y is the next

pseudonym
$$\text{FORGETP} = \begin{cases} p \leftarrow p' \\ p' \leftarrow p'' \\ p'' \leftarrow null \end{cases}$$

$$\texttt{FORGETPMSI} = \begin{cases} PMSI \leftarrow P_{new} \\ P_{new} \leftarrow p'' \end{cases}$$