

procedure COMPLIANCE(\mathcal{S}) $\rightarrow \tilde{\mathcal{S}}$

$\tilde{\mathcal{V}} \leftarrow \{\}$ \triangleright Compliant validators

for $j \in \mathcal{V}$ **do**

$\text{compliant} \leftarrow \text{true}$

\triangleright Validators must not ignore bidders \triangleleft

$\mathcal{C} \leftarrow \text{CONSENSUSPARTICIPANTS}(\mathcal{V})$

$\mathcal{C}_j \leftarrow \text{RECOGNISEDPARTICIPANTS}(j)$

if $\mathcal{C} \neq \mathcal{C}_j$ **then**

$\text{compliant} \leftarrow \text{false}$

\triangleright Validators must conform with consensus time \triangleleft

for $\text{message} \in \text{ALLMESSAGES}$ **do**

$t = \text{TIMESTAMP}(j, \text{message})$

if $|t - \text{CONSENSUSTIME}(\mathcal{V}, \text{message})| \geq \delta$ **then**

$\text{compliant} \leftarrow \text{false}$

if compliant **then**

$\tilde{\mathcal{V}} \leftarrow \tilde{\mathcal{V}} \cup j$

return $\tilde{\mathcal{V}}$