START

Request $T_0$ syndromes

$s=T_0$

Request next syndrome to the decoder

$s=s+1$

Decode using all the available $s$ syndromes

Decoding Failure?

YES

YES

NO

Start the checking procedure using $\delta(s)$ extra syndromes

Number of received extra syndromes: $k=0$

The result is accepted

YES

$k>\delta(s)$

NO

Request next syndrome (only one)

$k=k+1$

Decode using all the available syndromes

Does the new result fit the old one(s)?

NO

YES

$s=T_{\text{max}}$

YES

Declare Decoding Failure

$s=s+1$

$s\geq T_{\text{max}}$