Questions on $THH(tmf_1(3))$

1. How does the Dyer-Lashof algebra act on $H_*(tmf_1(3))$? (Does it follow from Stienberger's calculations in the H_∞ volume?)
2. Is there a (finite) complex with the following properties :
   (a) $tmf_1(3) \wedge X$ is computable (possibly recognizable as a known spectrum.
   (b) $tmf_1(3) \wedge X$ is a homotopy commutative ring spectrum.
   (c) There exists a reasonable (finite) cell complex T such that T is a ring spectrum and X is a T-module.
3. What does Galois descent for topological Hochschild homology (a la Akhil Mathew for example) have to say about $THH(tmf_1(3))$? (Question from Andrew)