Meeting: 1003, Atlanta, Georgia, SS 10A, AMS Special Session on Dynamics of Mapping Class Groups on Moduli Spaces, I

E Irmak* (eirmak@umich.edu), Department of Mathematics, University of Michigan, 525 East University, Ann Arbor, MI 48109, and M Korkmaz, Department of Mathematics, Middle East Technical University, 06531 Ankara, Turkey. Automorphisms of the Hatcher-Thurston Complex.

Let S be a compact, connected, orientable surface of positive genus. Let HT(S) be the Hatcher-Thurston complex of S. We prove that Aut(HT(S)) is isomorphic to the extended mapping class group of S modulo its center. (Received September 28, 2004)