1125-37-1896 Yvonne Niyonzima* (yniyonzima@smith.edu), Angelica M Rosario-Santos

(arosariosantos@smith.edu) and Marisa Bloom (mbloom@smith.edu). Further results on

KAM tori appearing in the Charged Isosceles three-body Problem. Preliminary report.

The complete 3D flow is bounded by the collision manifold, a compact smooth sphere, and it circulates around the vertical axis. We'll discuss further numerical results concerning the observed KAM tori. (Received September 19, 2016)