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Hao Li* (hli29@albany.edu) and **Changlong Zhong** (zhongusc@gmail.com). *On equivariant oriented cohomology of Bott-Samelson varieties.*

For any Bott-Samelson resolution $q_I : \hat{X}_I \rightarrow G/B$ of the flag variety G/B , and any torus equivariant oriented cohomology h_T , we compute the restriction formula of certain basis η_L of $h_T(\hat{X}_I)$ determined by the projective bundle formula. As an application, we show that $h_T(\hat{X}_I)$ embeds into the equivariant oriented cohomology of T -fixed points, and the image can be characterized by using the Goresky-Kottwitz-MacPherson (GKM) description. Furthermore, we compute the push-forward of the basis η_L onto $h_T(G/B)$, and their restriction formula. (Received December 27, 2020)