1125-46-669   **Upasana Kashyap*** (`upasana.kashyap@regiscollege.edu`), Regis College, 235 Wellesley St., Weston, MA 02493. *Weak*-rigged modules over dual operator algebras and the Picard group.*

Weak*-rigged modules are generalization of W*-modules (Hilbert C*-modules over von Neumann algebras which are self dual) over nonselfadjoint dual operator algebras. We discuss some new results about weak*-rigged modules and their tensor products. We also discuss the Picard group of weak*-closed subalgebras of a commutative algebra. For example, we compute the weak Picard group of $H^\infty(D)$, and prove that for a weak*-closed function algebra A, the weak Picard group $Pic_w(A)$ is a semidirect product of the automorphism group of A, and subgroup of $Pic_w(A)$ consisting of symmetric equivalence bimodules. (Received September 08, 2016)