

Abstract Submitted
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Plasma Source Development JONATHAN WALKER, JONATHON HEINRICH, GABRIEL FONT, FRANS EBERSOHN, MICHAEL GARRETT, Lockheed Martin - Palmdale — A 100 kW class lanthanum-hexaboride plasma source is under continuing development for the Lockheed Martin Compact Fusion Reactor program. The current experiment, T4B, has become a test bed for plasma source operation with the goal of creating a high density plasma target for neutral beam heating. We present operation and performance of different plasma source geometries, results of plasma source coupling, and future plasma source development plans. ©2017 Lockheed Martin Corporation. All Rights Reserved.

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