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## Exotic multiquark states in $p\bar{p}$ collisions at D0

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We use the full Run II dataset consisting of  $10.4 \text{ fb}^{-1}$  of  $p\bar{p}$  collisions recorded by the D0 detector at the Fermilab Tevatron collider at  $\sqrt{s} = 1.96 \text{ TeV}$  to search for new exotic multiquark states. We report the evidence of a new state  $X(5568)$  decaying to  $B_s\pi$  seen in the  $B_s \rightarrow J/\psi\phi$  decay channel and its independent confirmation in the semi-leptonic channel  $B_s \rightarrow \mu^\pm D_s^\mp X$ . We also report on the search for other exotic states.

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