

**A Preliminary ID Design for the LSB Machine,**  
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current and future needs for access to optimize sources  
of synchrotron radiation has shown that the LSB should  
include undulators and multipole wigglers. The  
characteristics of two undulators and multipole  
wigglers design for optimal operation in the 0.1-  
1.0 keV and  
1.0-20.0 keV range for undulators and multipole  
wigglers respectively, will be described. This includes  
the details of magnetic configurations (define from the  
Poisson/Superfish code) as well as their optical output.