

The ELETTRA Injector Linac Upgrading Program,

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A. POZZER, C. ROSSI, A. TOMICICH, Sincrotrone Trieste, Padriciano 99, 34012 Trieste, Italy - ELETTRA has a SLED equipped Linear injector bought as turn-key machine from a private company. Two years has passed since the Linac operation has been taken under Sincrotrone Trieste responsibility. In order to improve the low reliability of some machine subsystems, which affects the Linac operational efficiency, important modifications are now under development. The main changes will include a re-design of the control system, the timing distribution, the beam diagnostics, the vacuum layout and the RF detection and interlock system.