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Alexander A Katz (katza@stjohns.edu), St. John's University, Dep. of Math & CS, 300 Howard Ave., DaSilva Hall 314, Staten Island, NY 10301, and **Mark Ustayev*** (mark_ustayev@yahoo.com), University of South Africa, Dep. of Mathematical Sciences, PO Box 392, 0003 Pretoria, South Africa. *On real structures in projective limits of abstract and concrete von Neumann algebras.*

We discuss real structures in locally von Neumann and locally W^* -algebras and study their basic properties. A Sakai type theorem on abstract characterization of real locally von Neumann algebras in the class of real locally W^* -algebras is obtained. (Received February 19, 2006)