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Alexander A Katz (katza@stjohns.edu), Dep. of Math&CS, St. John's College of LAS, St. John's University, 8000 Utopia Parkway, SJH 334-G, Queens, NY 11439, and **Oleg Friedman*** (friedman001@yahoo.com), Dep. of Math Sc., U of South Africa, RSA /, Dep. of Math., Lander College for Men /, Touro College, Kew Gardens Hills, NY 11367. *On Gelfand-Naimark type theorem for real locally C^* -algebras.*

We show that for each real locally C^* -algebra A (projective limit of a projective family of real C^* -algebras) of a given type there exists a real locally Hilbert space H (inductive limit of real Hilbert spaces) such that A is locally isometrically $*$ -isomorphic to a closed in projective topology $*$ -subalgebra of the real locally C^* -algebra $L(H)$ of continuous linear operators on H . (Received September 16, 2014)