962-47-632 Sarah H Ferguson* (sarah@math.wayne.edu), Wayne State University, Department of Mathematics, Detroit, MI 48202, and Richard Rochberg (rr@sulu.wustl.edu), Department of Mathematics, Washington University - St. Louis, St. Louis, MO 63130. *Higher-order Hankel forms* on the ball.

We identify the symbols of the nth order Hilbert-Schmidt Hankel forms in terms of higher-order restriction maps. The spaces involved are generated by a positive power of the kernel $1/(1 - \langle z, w \rangle)$ defined on B x B where B is the unit ball in d-dimensional complex space. (Received September 18, 2000)