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Kathryn McCormick* (kamccorm@umn.edu). *Some conditions for a C^* -Morita context to descend to a subcontext.* Preliminary report.

In (Blecher, Muhly, Paulsen, 2000), the authors define two notions of Morita equivalence for (possibly nonselfadjoint) operator algebras, which they call strong Morita equivalence and *cb*-Morita equivalence. The latter equivalence is strictly weaker. In some situations, a *cb*-Morita equivalence can be factored into a strong Morita equivalence composed with a similarity; this is true for an equivalence containing a separable C^* -algebra, for instance. We will describe a few cases in which we can use a *cb*-Morita equivalence of C^* -algebras to more precisely pin down a *cb*-Morita equivalence of their subalgebras. (Received January 20, 2020)