Toeplitz and Hankel operators on A^1

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Spectral and Fredholm theory of Toeplitz and Hankel operators, T_a and H_a, respectively, on the Bergman spaces A^p (on the open disc) has been studied extensively in the reflexive cases $1 < p < \infty$, but the case $p = 1$ has received much less attention in the literature. In a recent work with J.Virtanen (Helsinki) we study this case. We show that T_a is bounded on A^1, if the symbol is bounded and has bounded logarithmic mean oscillation in the Bergman metric. Such symbols form an algebra. If the symbol is continuous on the closed unit disc and has a vanishing logarithmic mean oscillation in the Bergman metric, then H_a is compact. The compactness and Fredholm properties of T_a are shown to depend on the behaviour of a on the boundary.