1082-51-181 **Hengyu Zhou*** (hzhou@gc.cuny.edu), The Graduate Center, CUNY, 365 Fifth Avenue, New York, NY 10016. *Curve's graphic mean curvature flow.*

We generalize M.-T. Wang (2002)work about long existence and convergence for solutions of graphic mean curvature flow in arbitrary codimension into the curve's case. We conclude for any smooth closed curve c in compact manifold N, the mean curvature flow of the graph in $S^1 \times N$ exists for infinity and converges to a geodesic of the product manifold. In another words, the projection of mean curvature flow into N is always a curve and finally converges into a point or a geodesic in N. (Received July 10, 2012)