

Self-Dumping Pontoon System Utilizing the Versatile Unit Construct Flotation — A Research for Economical Way of Soils Transport and Dumping System —

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This paper describes a proposal for easy self-dumping system by hopper barge loaded with soils. Utilizing the existing and widely applied versatile unit construct flotation system. For civil engineering purposes it is used in temporary applications to carry land based facilities such as excavators, cranes and pile drivers for marine works.

Key Words : Self-dumping, Pontoon, Rafts, Versatile, Unit, Construct, Flotation, Soil