

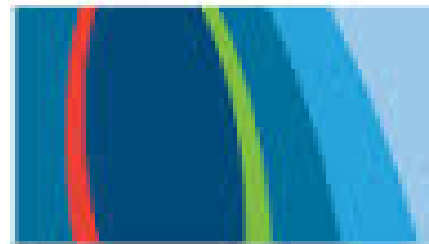
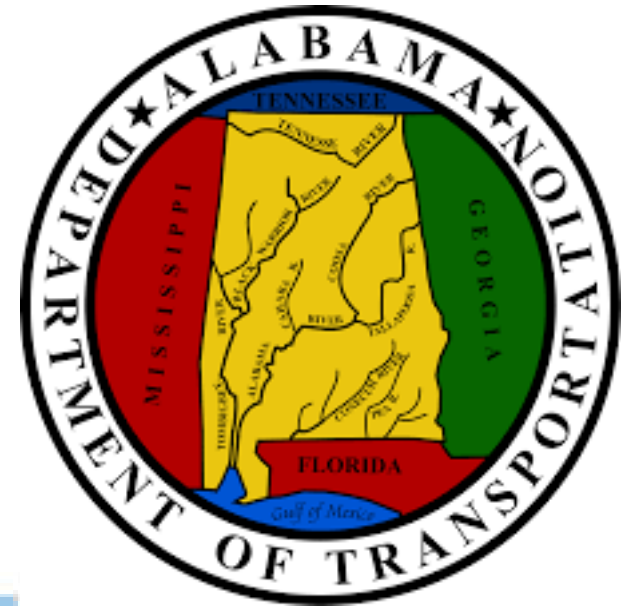


HMS CONSULTING
AN HMS GLOBAL MARITIME COMPANY

Gees Bend eFerry Conversion Project
WFSA Conference
March, 2018



Project Team



Glosten



the Gees Bend

Built	1998
Passengers	150
Vehicles	24
Speed	7 kts
LOA	95'
Beam	42'
Draft	3'
Subchapter T	
(4) X 125 hp John Deere	



the route

**Camden to Boykin – 1.45 nm
15 minute transit**

Alabama



Purpose and Goals (Why?)

Ferry provides a critical link between communities:

- **Improve reliability**
- **Improve maneuverability/safety**
- **Decrease operating and maintenance costs**
- **Reduce impact on the environment**

Goals:

Minimize impact to crew and operations

Minimize battery size and cost

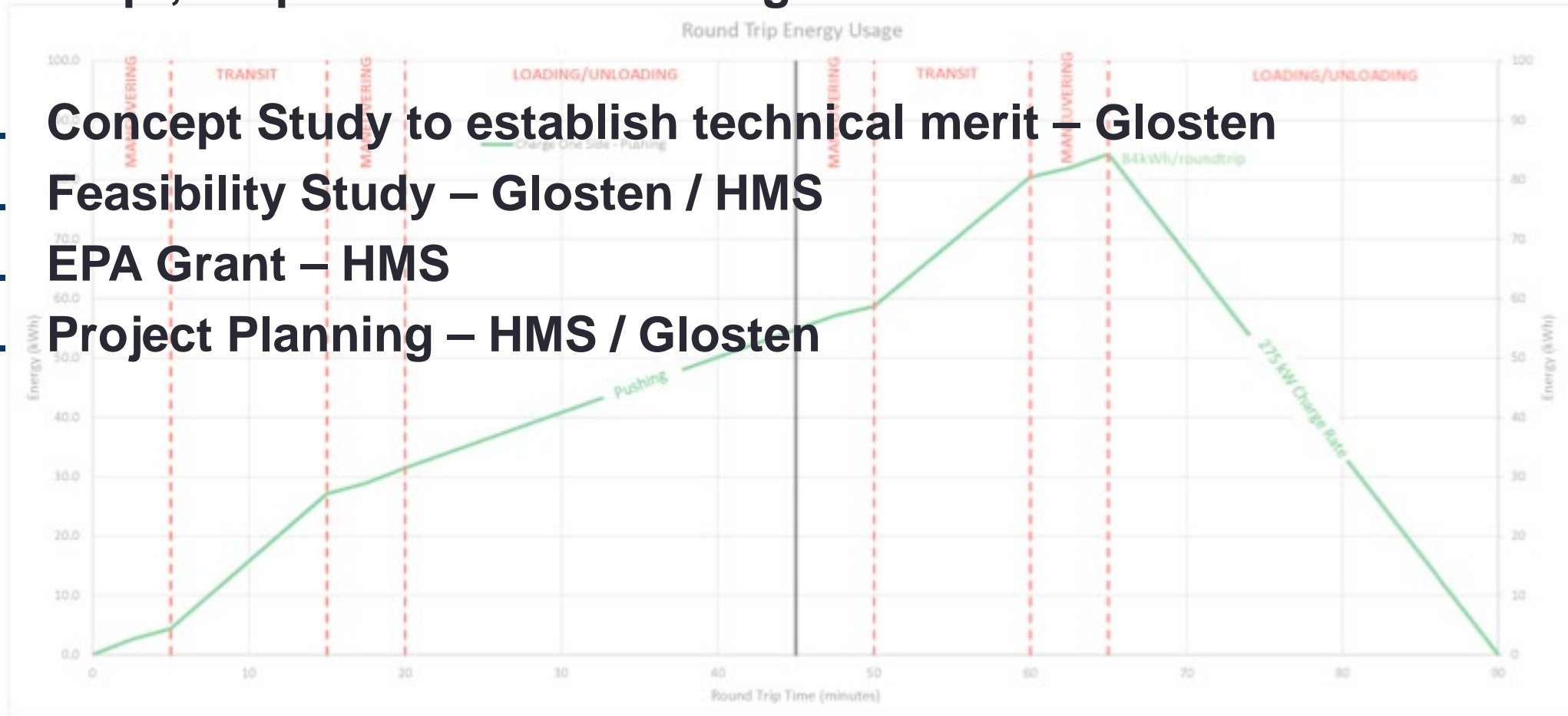
Minimize shore power and cost



Scope of the Project

Concept, Preparation and Planning:

1. **Concept Study to establish technical merit – Glosten**
2. **Feasibility Study – Glosten / HMS**
3. **EPA Grant – HMS**
4. **Project Planning – HMS / Glosten**



Scope of the Project

Project Management, Engineering and Construction:

1. Project Management – HMS
2. Engineering – Glosten / Marine Interface
3. System Integration – Marine Interface / ATS / Spear Power Systems
4. Shoreside Integration – Cochran Marine
5. Construction – shipyard TBD



American Traction Systems
Electric Propulsion Controls and Accessories

