

## Trailing Suction Hopper Dredge "Bayport"



The dredge "Bayport" is a split-hull trailing suction hopper dredge. Dredged material can be disposed of by either bottom-dumping or by pumping out over the bow. Using her state-of-the-art fluidization piping, the "Bayport" can slurriify a load and pump out her hopper with extreme efficiency.

Along with her size and large hopper capacity, this twin screw vessel features twin azimuth drives which, along with her bow thruster, gives her 360° maneuverability. This makes her well suited to work in harbors and channels as well as offshore where other dredges may be limited.

The "Bayport" is equipped with state-of-the-art instrumentation for both positioning and production monitoring purposes.

Applications of the "Bayport" include, but are not limited to:

- Channel & Harbor Maintenance
- Upland Disposal
- Beach Nourishment

### Bayport Specifications

#### Dimensions

Length:  
303 ft / 92.4 m

Beam:  
54 ft / 16.5 m

Light Draft:  
10 ft / 3.1 m

Loaded Draft:  
22 ft / 6.7 m

Suction Diameter:  
30 in / 762 mm

Discharge Diameter:  
30 in / 762 mm

#### Performance

Hopper Capacity:  
4,855 yd<sup>3</sup> / 3,712 m<sup>3</sup>

Maximum Digging Depth:  
85 ft / 15.9 m

Sailing Speed Light:  
12 KT

Sailing Speed Loaded:  
10 KT

#### Power Data

Total Installed Power:  
10,350 hp / 7,721 kW

Fuel Capacity:  
108,480 gal / 410,597 l