# QUESTIONNAIRE

## Cutter Suction Dredger

### GENERAL INFORMATION

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* is required.

Please complete the non required fields in the next steps of this form to enable us to get back to you as accurate as possible.

### DREDGER

#### Capacity:

- Production per hour in situ: __________ m³ In-situ/hour
- Production per hour mixture: __________ m³ Mixture/hour

#### Propulsion:

- Self Propelled: [yes/no]

#### Size:

- Dredging depth: Min. __________ Max. __________ [m]
- Required Cutter power: __________ [kW]

#### Operations:

- Daily operating hours of vessel: __________ [days]
- Working days per year: __________ [days]
- Fuel autonomy: __________ [days]
- Number of crew working: __________ [crew]
- Number of crew sleeping on board: __________ [crew]
- Number of men per shift: __________ [crew]
- Duration of shift: __________ [hours]
- Number of shifts: __________ [-]

#### Country of operations:

[-]
### DREDGING SITE

**Operation Area:**
- Coastal areas: [-]
- Rivers: [-]
- Inland waterways: [-]

**Ambient Conditions:**
- Ambient temperature: [°C]
- Water temperature: [°C]
- Wind forces: [Beaufort]
- Wave height: [m]
- Current: [m/s]

**Project Work:**
- Maintaining waterways: [yes/no]
- Reclamation: [yes/no]
- Mining: [yes/no]
- Production per year: m³ In-situ/year
- Production per hour: m³ In-situ/hour

**Soil Characteristics:**
- Clay: [mm]
- Gravel: [mm]
- Sand: [mm]
- Silt: [mm]
- Mud: [mm]
- Other Material: [mm]

- Density of soil on sea bottom: [mm]
- Type of soil: [free flowing / firmly packed]

- Large stones or other obstacles such as tree trunks expected? [yes/no]
### DREDGER OPTIONS

**Swivelbend:**
- Swivelbend connection: [yes/no]
- Discharge distance: [m]
- Discharge height (geodetic): [m]
- Discharge pipe diameter: [mm]

**Power Generations:**
- Diesel - Direct drive: [yes/no]
- Diesel - Electric drive: [yes/no]
- Pump and Propulsion shared drive: [yes/no]
- Shore power connection: [yes/no]
- Shore power voltage: [kV]

**Fuel:**
- HFO: [yes/no]
- MDO: [yes/no]
- LNG: [yes/no]
- Electric from shore: [yes/no]

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- Diesel - Direct drive: [yes/no]
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**Fuel:**
- HFO: [yes/no]
- MDO: [yes/no]
- LNG: [yes/no]

**Engine make preference:** [-]

**Automation:**
- DMS: [yes/no]
- DCMS: [yes/no]

**Classification Society:** [-]

**Rules and Regulations:**
- MARPOL: [yes/no]
- COLREG: [yes/no]
- IMO: [yes/no]
- Other: [ ]

**Dismountability:**
- Dismountable for road transport: [yes/no]
- Maximum dimensions of components: [m x m x m]
- Maximum weights of components: [ton]

### REMARKS

**Name:** [ ]

**Date / Time:** [ ]

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**VOSTA LMG**

**DREDGING TECHNOLOGY**