



General Information

Job Title: Dredge Superintendent

Department: Projects Department

Department Building Block: Dredging, Reclamation & Soil

Reporting and interaction lines

Functionally reports to

- Works Manager

Operationally reports to

- PM, Cutter captain if applicable

Supervises

- CSD/Crew/ Aux. vessels/ Floating pipeline

Job Category

- Senior Engineer / Superintendent / Sr. SME Specialists / Team Leader Support

Expected relationships with other department(s)/division

- HSE
- Quality
- Technical
- Projects
- Marine Logistics
- Crewing
- Planning and Production

Description of key result areas of department

- To supervise and guide the activities related to the dredger. Teach, advice and guide the crew on daily base to increase their level of understanding of the dredging activities onboard in order to achieve a higher quality, safety, technical reliability, production and operational hours.

Job Description: Description of activities and key responsibilities of the function

Responsible for:

In general:

- ⇒ In close cooperation with SD/TS everything that is required to perform his tasks properly;
- ⇒ Organizing and supervising the execution of the dredging cutter suction works for which he is responsible according to the preset planning, budgeting and the applied methods, also observing the standards as to quality, safety and environmental care and with as little risk as possible to persons and equipment;
- ⇒ The SDM (when being the highest authority on board) is responsible for optimal utilization and the planning of the maintenance of CSD, daily production in accordance to the operational capabilities of the CSD;
- ⇒ Inform opportunities to improve to Operations department, Technical Department;
- ⇒ Propose methods to increasing production with the crew on board;
- ⇒ Propose methods to the Technical department increase technical reliability;
- ⇒ Propose methods to HSE department in order to increase safety on board.

Authorities:

- ⇒ To schedule personnel and aux vessels on projects in order to perform the works as planned;
- ⇒ To take all necessary decision in order to carry out the work safely, with care for the environment and with quality according to the requirements;
- ⇒ The Authority of the SDM exercises in accordance with international and national laws in force in the situation and, or work area the dredger lies;
- ⇒ The SDM has the ultimate responsibility of the safety and daily operation of CSD and his crew, as being prescribed by Company procedures and guidelines;
- ⇒ The SDM has full power in coordination with DSI/TSI/WM/PM, to take whatever action he deems to be best in order to safeguard the interest of vessel and it's crew.

Powers:

- ⇒ Defend the Company's policy and procedures;
- ⇒ Has the final word in regards to all activities onboard of CSD which are not limited to operations, planning, maintenance, deck department, engine department etc...

Specially:

- ⇒ Ensuring that the works assigned to him are executed safety and without risks for the health, quality and



- environment, both according to the customer's requirements and those of the company;
- ⇒ Reporting of defects to vessels or their auxiliary equipment to the Technical Department, the Project Manager and the Head office;
 - ⇒ Daily production reporting to and consultation with the Project Manager, the Project Team on the operational activities, more in particular on the progress of the works for which he is responsible;
 - ⇒ Reporting of accidents or particular events;
 - ⇒ Execution of the work in accordance with the local environmental prescriptions and regulations.

Duties:

- ⇒ He will exercise overall control of CSD's maintenance and operation and welfare, discipline and training of crew in order to create and maintain a high productive and efficient and safe working environment;
 - ⇒ Teach and guide crew on board in dredging technics, planning of deck- and engine room related activities;
 - ⇒ Generate production reporting on each operation;
 - ⇒ Provide input on the planning in agreement with the SDI/TSI on a day-to-day basis;
 - ⇒ Keeps track of the W&T of all soil conveying parts (decklines, impellers, inner/outer pumphouses, sheaves, suction mouth, etc..) by means of a register based on the characteristics of the dredge material and the pumped volume;
 - ⇒ Keeps track of the cubic meters pumped through the floating pipeline;
 - ⇒ The SDM will keep track and plan maintenance of CSD and will schedule the maintenance in alignment with the project team;
 - ⇒ He will verify if maintenance is done on time on Aux. CSD and perform regular checks if all equipment's are safe for operations;
 - ⇒ Advice the dredging superintendent in respect of: Planning of the work process, cutting patterns, shore connections etc;
 - ⇒ Assess the crew and provides honest and detailed evaluations to all Crewing-,Operations- and Technical department;
 - ⇒ Implements the maintenance plan of CSD and aux vessels in accordance with technical Department objectives;
 - ⇒ Accident report: Reports all accidents / incidents / near misses to the project manager, HSE manager and designated person;
 - ⇒ Quality Assurance: He ensures all tasks and control related to quality as specified in relevant project quality plan;
 - ⇒ Provides input in regards to possible upgrades / small and major upgrades / small and major modifications to improve reliability and production of the CSD;
 - ⇒ Provide Lessons learned register and implementation of the action points;
 - ⇒ Executes the ISM-management on board and arranges that all required drills / inspections are performed at the required intervals.
- This is a generalist view of a Job that you have been assigned for – at times you will be ask to do above / beyond the scope of this role due to Operational/Technical requirements.
 - Identify hazards
 - Obtain information from HSE Department
 - Make recommendations to HSE Department
 - Investigate Incidents

Educational Qualifications & Certifications

- Diploma or Degree or equivalent professional qualification and experience;
- STCW code; Basic and Manilla amendments;
- Hold valid statutory license issued by flag authority for specific on board job;
- Be Familiar with SMS (safety management system).
- Risk Assessment / PTW



Behavioral skills	Relevant profile experience
<ul style="list-style-type: none">• Be able to manage personnel with different cultural backgrounds;• Motivate and inspire colleagues to develop knowledge, skills and competencies. Provide objective and constructive feedback in an appropriate way;• Stimulate a result-oriented organizational culture by regularly sharing the division's performance and results;• Take responsibility in maintaining company supplied equipment;• Is fully aware of project requirements in order to execute clients wishes;• Shows respect, flexibility and loyalty towards colleagues throughout the organization;• Communicate clearly in word and in writing;• Manage conflict, solve problems and mediate between crew;• Be able to identify risks and act accordingly.	<p>Function specific experience</p> <ul style="list-style-type: none">• Full understanding of the parts and working principle of CSD and their limitations;• Proven understanding of dredging methodology in the use of pumps (UWP,IBP), ladder weight, side winch(including brake),vacuum, cutter diesel-direct and diesel- electric CSD;• Can interpret the loggings from the CSD and adjust the working method accordingly;• Experience with ISM;• Experience with PTW;• Experience with safety committee on board;• Experience with pre start meeting;• Has experience in preventive maintenance and sticks to a regular inspection schedule of the W&T parts;• Has proven leadership capabilities, motivate his crew and communicates in a clear way;• Knowledge and ability to use company supplied survey software;• Knowledge and ability to use the IMC-IHC dredging console and software/settings;• Experience with 20 ton delta flip anchors and 20 ton Stev-shark anchors;• Experience with ESCO 48D, 52D cutters / Vosta T4, T6; <p>Industry related experience</p> <ul style="list-style-type: none">• Dredging <p>Years of experience</p> <ul style="list-style-type: none">• 10+ years of experience (preferably worldwide)• Of which min. 7,5 years on CSD with min 1500 KW Cutter power;• Additionally: Proven Experience on high performance driven CSD in leading role.
Other	
<p>On board working language:</p> <ul style="list-style-type: none">• Required: Fluent English. <p>Excellent verbal communication/ Language skills</p> <ul style="list-style-type: none">• Required: Fluent English;• Any other language is an asset. <p>Excellent written communication skills</p> <ul style="list-style-type: none">• Required: Fluent English;• Any other language is an asset. <p>IT skills</p> <ul style="list-style-type: none">• MS Office, Excel and Oracle. <p>Other</p> <ul style="list-style-type: none">• Accuracy & Self Reliant;• Flexibility: being longer periods of time on duty.• Passing physical fitness from AD Health Service Co. SEHA is mandatory. Physical examinations and investigation test (ADMA) will be required before working at offshore Oil and Gas projects.	



شركة الجرافات
البحرية الوطنية
NATIONAL MARINE
DREDGING COMPANY

JOB DESCRIPTION

JD No.:28-023

JD Rev. No.: 1

JD Issue Date:15-Nov-20

Review / Approval / Acknowledgement

Department Review

Operations Director:		Signature:		Date:	
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HR Approval

HR Director / Manager Name:		Signature:		Date:	
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Employee Acknowledgement

Employee Name & File No.:		Signature:		Date:	
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