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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

JT/T 1281-2019

**Technical requirements for the selection of offshore diving
support vessel**

近海潜水支持船选择技术要求 清晰版
(English Translation)

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Foreword

This standard is in accordance with GB/T Draft the rules given in 1-2009.

This standard is proposed by and under the jurisdiction of the Technical Committee for Transport Rescue and Underwater Engineering Standardization.

This standard was drafted. Shenzhen Shanye Industrial Co., Ltd., Shenzhen Warwick Offshore Shipping Co., Ltd., Ministry of Transport Wuhu Diving Equipment Factory of Shanghai Salvage Bureau and Shanghai Salvage Bureau.

1 Scope

This standard specifies the general requirements for offshore diving support vessels, as well as decks and their facilities, positioning, cabins and their facilities, communications, and power supplies.

Should meet the requirements of the crane.

This standard applies to the selection of offshore diving support vessels.

2 Normative references

The following documents are essential for the application of this document. For dated references, only the dated version applies to this article Pieces. For undated references, the latest version (including all amendments) applies to this document.

GB/T 11412. 1 Technical requirements for safe sailing of sea vessels Part 1. General requirements GB 26123 Safety Requirements for Air Diving Technical Regulations for Statutory Survey of Ships and Offshore Installations of the Maritime Safety Administration of the People's Republic of China Technical Regulations for Statutory Survey of Ships and Offshore Installations of the Maritime Safety Administration of the People's Republic of China China Classification Society Safety Rules for Special Purpose Ships Guidelines for the Preparation of Cargo Securing Manual of China Classification Society International Maritime Organization (IMO) International Convention on the Safety of Life at Sea (SOLAS Convention) Life at Sea)

3 Terms and definitions

The following terms and definitions apply to this document.

Offshore diving support vessel of shore diving support vessel Ship or mobile facility for offshore diving engineering operations.

Special purpose ship ship Mechanical self-propelled ships with not less than 500 gross tonnage and carrying more than 12 special workers due to the needs of the ship.

Special staff work on spontaneous purchase the personnel specially required for the special operation of a ship are those who provide services for the normal navigation, operation and maintenance of the ship or for the personnel on board Additional personnel carried by other personnel.

Grid grid

A cross beam system used to strengthen the fixed foundation of deck equipment to distribute loads, also known as a grille or plate rack.

3. Five

Dynamic positioning dynamic positioning (DP) According to the ship's positioning or movement instruction, the movement information and environmental information of the ship are measured, and the computer is used to control the real-time calculation.

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A ship whose main and auxiliary thrust devices generate a certain amount of thrust and torque to achieve predetermined ship attitude control, positioning control or motion control Targeting.

4 General requirements

4.1

Offshore diving support vessel scale

4.1.1

Pu Fu wind power level 5 (wind speed of 8.0m/s ~ 10.7m/s) and below operating conditions, the length of the ship should be not less than 50m, the ship's draught should not be Less than 2. 5m.

4. 1. 2. The operating environment of Pu Fu wind level 6 (wind speed 10.8m/s ~ 13.8m/s) and above, the length of the ship's length should not be less than 80m, and the draft of the ship should be not less than 3. 5m.

4.1.3

The freeboard of the ship is not to be less than 1. 5m.

4.2

stability

4.2.1

The complete stability of offshore diving support ships (hereinafter referred to as "support ships") shall comply with the relevant provisions of the "Special Purpose Ship Safety Rules" Regulations.

4.2.2

The subdivision and damage stability of supporting ships shall be in accordance with the shipping area of the ship and comply with the "Statutory Survey Rules for Ships and Offshore Facilities.

Technical Regulations for Statutory Survey of Sailing Ships or Technical Regulations for Statutory Survey of Ships and Marine Facilities and the relevant provisions of the "Special Purpose Ship Safety Code".

4.2.3

After the diving equipment and auxiliary facilities are arranged and secured on board, the stability of the supporting ship shall still comply with the relevant requirements of the "Special Purpose Ship Safety Code".

Regulations.

4.2.4

When casting and recovering the diving bell or diving decompression stand, the supporting ship's dimensions and stability shall ensure that Work safely.

4.3

Safety facilities

4.3.1

Supporting ships shall be provided with life jackets, lifeboats and other safety facilities for special personnel, and shall comply with the provisions of the SOLAS Convention.

4.3.2

Smoke-fire alarm devices and fire-extinguishing systems shall be provided in the vicinity of the ship supporting the diving equipment and auxiliary facilities.

4.4

Supporting equipment for ship diving the support vessel should be equipped with compressed air, drinking water, and cooling seawater equipment for diving operations.

4.5

Inspection and evidence collection

4.5.1

Coastal navigation area support vessels shall be subject to the statutory inspection of domestic navigation ships in accordance with the "Statutory Survey Rules for Ships and Maritime Facilities" Survey Technical Regulations and Safety Regulations for Special Purpose Ships.

4.5.2

Supporting ships in the unlimited navigation area are in compliance with the "Statutory Survey Rules for Ships and Maritime Facilities" After the scheduled inspection, it shall also meet the requirements of the SOLAS Convention.

4.5.3

Support ship according to 4. 5. 1 and 4. 5. 2 After the relevant requirements have been inspected, they shall be issued by the competent authority or a duly authorized organization.

certificate.

4.5.4

Supporting ships are to be in accordance with GB/T 11412. 1 Obtain a valid certificate for navigation.

5 Deck and its facilities

5.1

The deck area of the support ship is to comply with the requirements for safe installation and arrangement of diving equipment and auxiliary facilities.