



S. B. SUBMARINE SYSTEMS CO., LTD.

RENEWABLES SERVICES

LINKING THE WORLD
LIGHTING THE FUTURE





CORPORATE INTRODUCTION

S.B. Submarine Systems Co., Ltd. (SBSS) is Asia's leading provider of submarine cable installation and maintenance solutions.

Serving both fibre optic and power cable sectors, we are experts in telecommunications, power utility, oil and gas and renewables markets.

Established in 1995 at the maritime center of Shanghai, we have a long legacy of transforming global connectivity in this ever-changing era.

OUR EXPERTISE

▼ Pre-project Planning & Cable Installation

65,000km unprecedented track record

- Installation of export and inter-array cable
- Shore-end landing and beach works
- J-tube pull-in, cable termination and testing

▼ Burial and Protection

Cutting-edge assets deliver precision

- Trenching and post-lay inspection and burial (PLIB)
- ROV-supported burial inspection
- Customized protection solution
(sandbag, mattress, cable protection system)

▼ Subsea Asset Integrity Management

Complete services portfolio and bespoke solution

- ROV-supported subsea asset inspection
(cable, foundation, substation)
- Inspection and analysis of cable burial depth
- Scheduled and unscheduled maintenance

GROUP SYNERGY

SBSS is a joint venture between China Comservice (CCS) and Global Marine Group (GMG). Harnessing CCS's broad influence across the globe and GMG's unparalleled heritage of 160 years in submarine cable sector, we are empowered to tackle the most challenging projects and adopt a proactive approach.

GLOBAL MARINE | GROUP

中国通信服务
CHINA COMSERVICE



Bo Zhong A Offshore Wind Farm (2022)



Changle C Offshore Wind Farm (2021)

POWER CABLE INSTALLATION AND BURIAL

SBSS is highly experienced in power cable installation and burial with over 50 projects delivered across power utility, O&G and offshore wind sectors since 2003.

We are committed to increasing client satisfaction through integrated service offering. Our comprehensive set of services covers the lifecycle of submarine power cable from pre-project planning, route survey, PLGR, shore-end landing, inter-array and export cable installation, trenching to ROV-supported inspection and repair.

Our specialized submarine cable installation fleet is fully integrated with a range of cable trenching & burial equipment, allowing SBSS the ability to provide versatile installation & burial solutions from very shallow water to deep sea and in most seabed conditions.

▼ GUONENG DAFENG EXPORT CABLE INSTALLATION

Client	: Dejing
Asset	: Fu Yong 6
Location	: Jiangsu, China
Year	: 2021
Scope of work	: Installation and burial of 79.1km 220kV export cable

▼ PROJECT HIGHLIGHTS

SBSS overcame multiple challenges throughout project delivery, including extremely long-distance shore-end landing and navigating a complex cable route onsite, while concurrently orchestrating the overall project.

ASSET INTEGRITY MANAGEMENT

Reducing windfarm's lifecycle cost is at the heart of today's offshore wind development. At SBSS, we are committed to offering our client value-added and responsible solution to protect their subsea asset integrity during the course of lifetime.

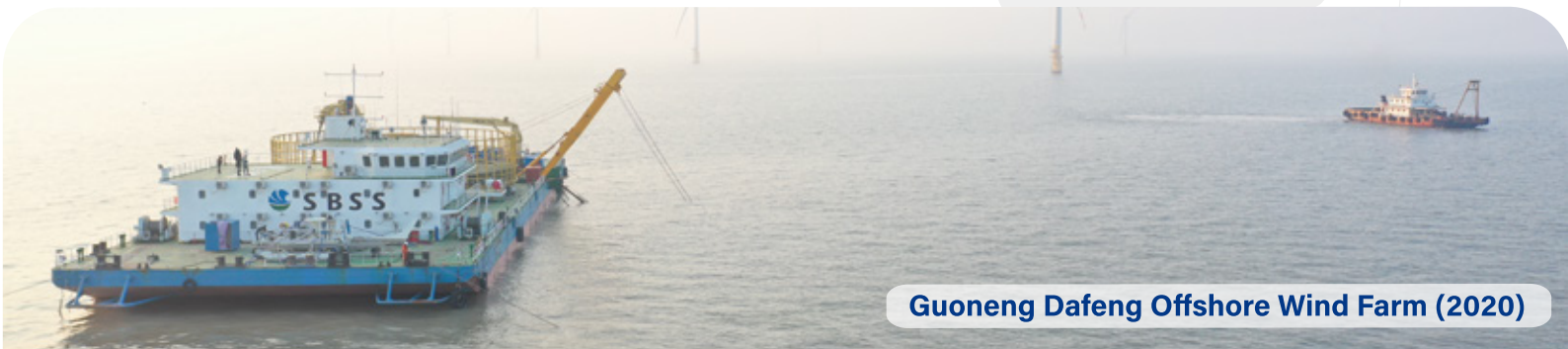
Our decades of expertise in subsea combining with fully-equipped assets, in-house talent and forward-thinking attitude enable us to offer a complete services portfolio covering the most crucial offshore wind subsea assets from cable, foundation to substation.

▼ LUNENG DONGTAI J-TUBE AND MONOPILE FOUNDATION INSPECTION

Developer	: Luneng Jiangsu
Asset	: Predator Observation-class ROV
Location	: Jiangsu, China
Year	: 2020
Scope of work	: Subsea inspection of two monopile foundations and J-tube condition

▼ ADDING VALUE

This is the first time that ROV has been employed in the Chinese offshore wind O&M sector. Our successful project delivery demonstrates the feasibility of this methodology and its added-value in comparison with the conventional way of inspection delivered by divers.



Guoneng Dafeng Offshore Wind Farm (2020)



Fu Yong 6



Fu Tai

Cable Lay Vessel

Fu Yong 6

DP: Upgradable

LOA : 95.14m **Beam :** 30.48m

Cable Lifting Capacity : 5,500t

Mooring: 6-point mooring system



CS Fu Hai & Bold Maverick

DP: DP2

LOA : 105.8m **Beam :** 20m

Cable Lifting Capacity : 5,700t

Fu Tai

DP: DP2

LOA : 131.2m **Beam :** 27m

Cable Lifting Capacity : 3,000t

Subsea Asset

Q1000

Type: ROV with trenching capability

Power: 1000HP **Burial Depth:** 0-3m

Sealion III

Type: ROV with trenching capability

Power: 600HP **Burial Depth:** 0-3m

Sealion I

Type: ROV with trenching capability

Power: 200HP **Burial Depth:** 0-1.5m

Predator

Type: Observation class ROV



HP-1500

Type: Plough

Burial Depth: 0-3.3m

Hi-Plough

Type: Plough

Burial Depth: 0-3.25m

Longli Sledge

Type: Jetting Sledge

Burial Depth: 0-3.25m

Depot

Wujing Depot

Total storage capacity: 3,841m³

Cable tanks: 20 tanks , 18 out of which are custom-bonded



Sealion III

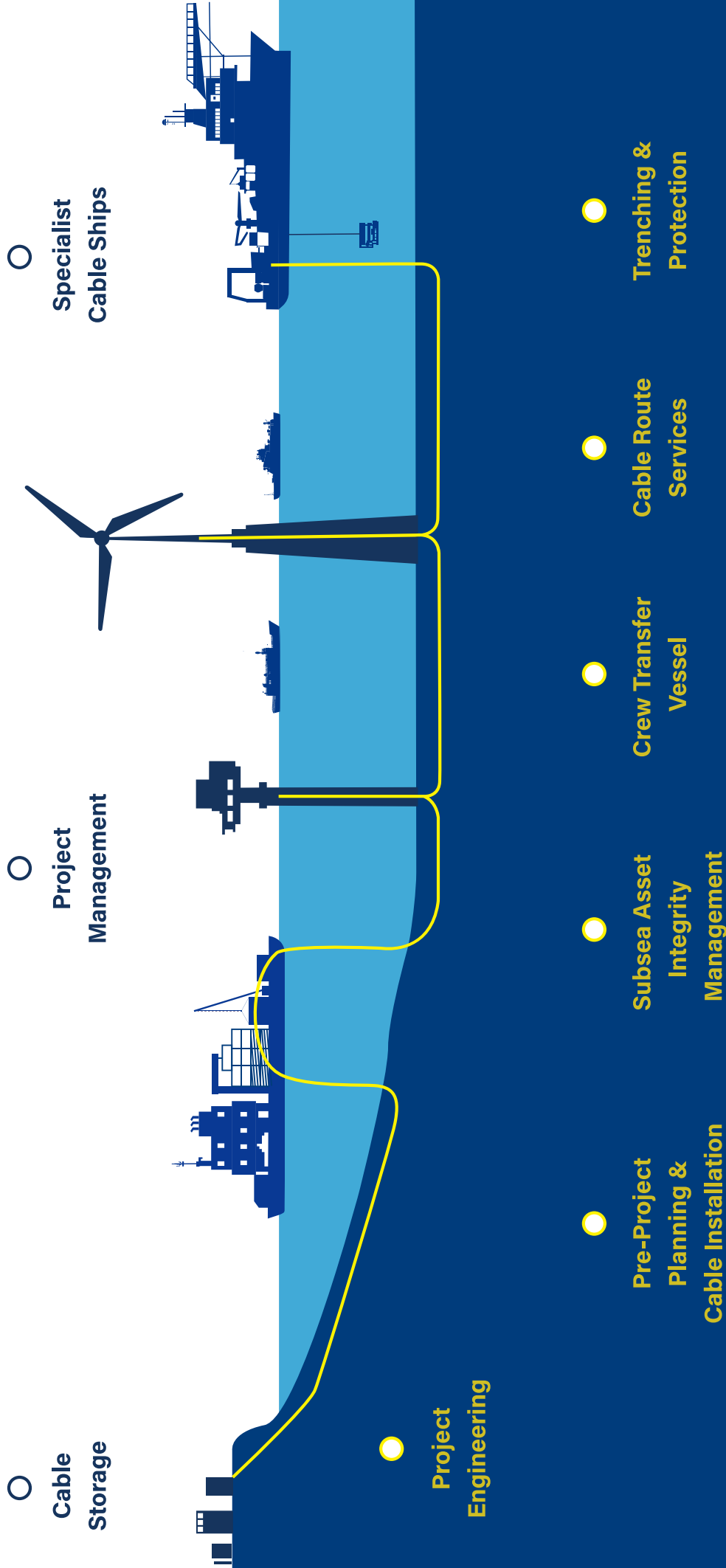


Q1000



HP-1500

Our Renewables Services



Cable
Storage



Project
Management



Specialist
Cable Ships



Project
Engineering



Pre-Project
Planning &
Cable Installation



Subsea Asset
Integrity
Management



Crew Transfer
Vessel



Cable Route
Services



Trenching &
Protection



65,000km+

INSTALLED



20,000km+

BURIED



130+

PROJECTS WORLDWIDE



**LINKING THE WORLD
LIGHTING THE FUTURE**



S. B. Submarine Systems Co., Ltd.
Building 25, 1591 Hongqiao Road, Shanghai, China, 200336
Tel: +86 21 2225 0000 Fax: +86 21 6270 7017
sbss.sales@sbss.com.cn