

Wando Jinsan Power Cable Installation and PLIB

OVERVIEW

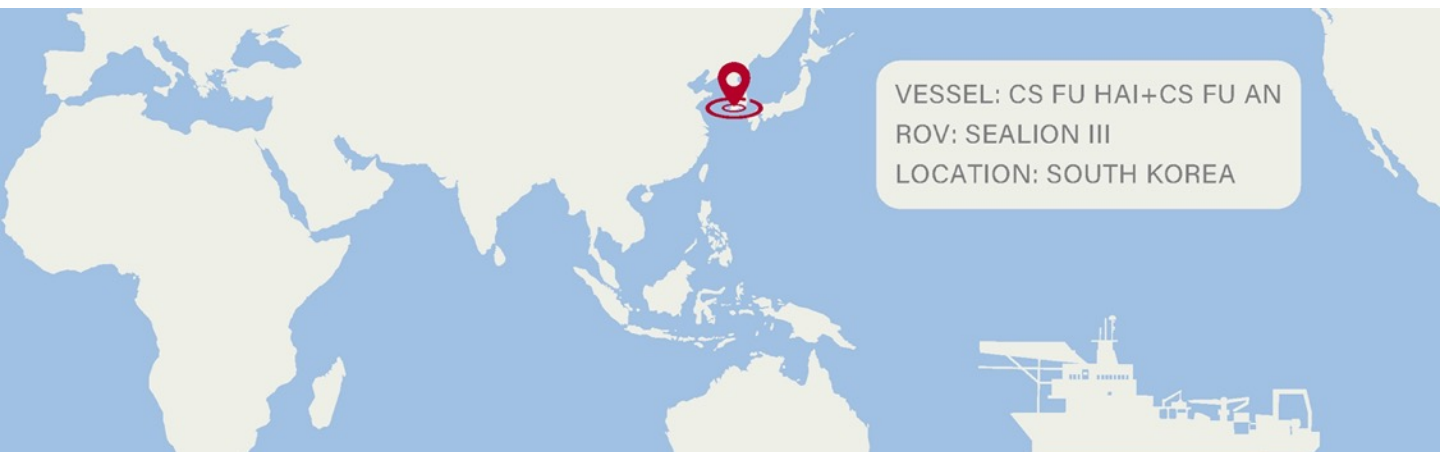
In 2017, SBSS, in collaboration with Haechun, deployed both DP2 multi-purpose vessel CS Fu Hai and DP1 cable maintenance vessel CS Fu An for the power cable surface lay and PLIB operation connecting Wando and Jinsan in South Korea.

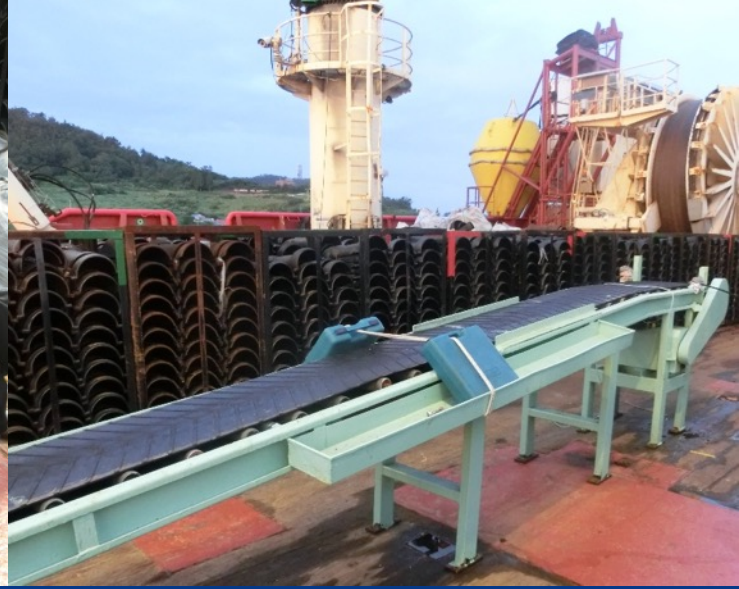
SCOPE OF WORK

- Cable loading in South Korea
- Surface lay of 12 km of 22.9kV power cable
- The installation of Articulated Pipe cable protection
- Shore end landings
- PLIB operation

PROJECT HIGHLIGHT

For the purpose of cable protection, our client requested that articulated pipe be applied to the entire cable length of 12km of power cable. During the surface lay, the demanding articulated pipe installation procedure was carefully followed, ensuring a constant cable lead. Consideration was also given to ensuring that there was sufficient slack to enable effective post lay burial by ROV.





ASSETS

VESSEL

CS Fu Hai, the purpose built DP2 cable ship was used during the surface lay operation. She has a track record of working in subsea engineering projects around the globe with experience of both transatlantic installations in telecom sector as well as operations providing power connectivity for power utility and oil & gas markets.

SUBMERSIBLE

Sealion III is a purposely-designed post-lay burial ROV with 600 horsing power and can bury up to 3m in water depth up to 2,500m. Equipped with adjustable width jetting tool, Sealion III is accustomed to bury a wider range of submarine products including cable, pipeline and umbilical within 300mm diameter. Sealion III represents the cutting-edge technology in cable burial methodology allowing SBSS significantly enhance its performance across the full range of demanding subsea cable maintenance, trenching and survey work.

