

CASE HISTORY

Ocean Cleanup

Project Description

The Ocean Clean-up is a non-profit organisation whose aim is to develop advanced technologies to rid the world's oceans of plastic.

A key focus as part of this goal is to develop a system to commence clearing the Great Pacific Garbage Patch (GPGP), an area three times the size of France where floating plastic has accumulated.

This particular project saw the deployment of System 002 (Jenny) deployed between two anchor-handlers in the GPGP.

Our Scope

Sealand Projects have provided offshore support through Maersk Supply Services, from early trial operations offshore in the Netherlands late 2020, to providing Field Engineers / Shift Supervisors to the anchor handler vessels upon full deployment of the Jenny system in the GPGP.

Offshore operations consist of a 6-day transit from Victoria, BC to the GPGP and supporting The Ocean Cleanup, Marine Crew & support personnel to gather as much plastic as possible, including helping sort the plastic on the back deck before return to shore.

The intention is to continuously have vessels clearing the GPGP hereafter. Sealand Projects are pleased and proud to continue support to the Frontier project.

Deliverables

Field Engineers / Shift Supervisors;
In-Field Reporting;
Lessons learned;
Interview contributions (documentaries / social media).



Key Facts

Client:	MSS
Location:	South Pacific
Water Depth:	-
Date:	Q3 - Q4 2021
Project Reference:	P0537

Services Provided

Package Management

Business Assurance
Carbon Management
Energy Transition

Engineering Design and Analysis

Marshalling, Transport, Installation and Field Support
Floating systems, Towing, Mooring and Hook-Up
Visualisation and Digitalisation

For more information:

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