

FACT SHEET



OFFSHORE SHIPS CONVERTED INTO INNOVATIVE SHELLFISH HARVESTER

CONVERSION OF OFFSHORE VESSEL INTO FISHING VESSEL WITH A REVOLUTIONARY SHELL CATCHING METHOD

Fiskerstrand Verft AS signed a contract with the shipping company Tau Tech now Ava Ocean in December 2021 regarding the conversion of an offshore vessel into shellfish harvesters. The rebuilding started in January 2022. This pilot project will become a future catalyst for sustainable and environmentally friendly harvesting of resources from the seabed. Ava Ocean has developed a catch basket that will pick the shells gently from the seabed by using a pump system. A hangar has been built and, among other things, harvesting equipment, a factory and a freezer installed on board. The aim is to harvest 100-200 tonnes of Iceland scallop muscles per trip. The shell factory on board takes out both muscle and residual raw material from the shells, and the aim is to utilize everything.

After the conversion, MS Arctic Pearl goes to the Barents Sea in search of shellfish delicacy Iceland scallop. The first and only vessel of its kind, crammed with new technology that may herald the start of a new era in harvesting by using the new method

MAIN DIMENSIONS

Length Over All	84.45 m
Breadth Moulded	17.00 m
Depth Main Deck	7.30 m

GENERAL

Vessel name	ARTIC PEARL
Owner	Tau Tech
IMO No.	9645932
Call Sign	C6AT6
Conversion	Fiskerstrand Verft AS

The ship converted to DnV class with notation DNV 1A1, 1A1 DK(+) E0 HL(2.8) Ice(C) TMON

Leverandører:

Ship Consultant:	Skipskompetanse AS	Freezer plant:	Øyangen AS
Harvesting equipm.	Entec AS	Freeze tubes:	Rørtek AS
Shell factory:	PE Bjørdal AS	Steel production:	Bauta Maritime
Electrical installation:	Acel AS	Paint supplier:	International
Insulation/ship interior	Isowest AS	Paintwork:	SPO AS
Ventilation:	AF Aeron Mollier AS	Electronic equipment:	Marineelektronikk AS

