



Pacific Nuclear Transport Limited

Celebrating **50 years** of shipping success



Introduction

Pacific Nuclear Transport Ltd (PNTL) transport nuclear materials internationally helping to make the world more secure, safe and sustainable.

PNTL is operated by Nuclear Transport Solutions (NTS), part of the UK's Nuclear Decommissioning Authority. PNTL is part-owned by Orano (France) and a consortium of Japanese nuclear companies.

We've gone from strength-to-strength since 1975 to become the most experienced nuclear shipping company in the world.

2025 is our 50th anniversary.

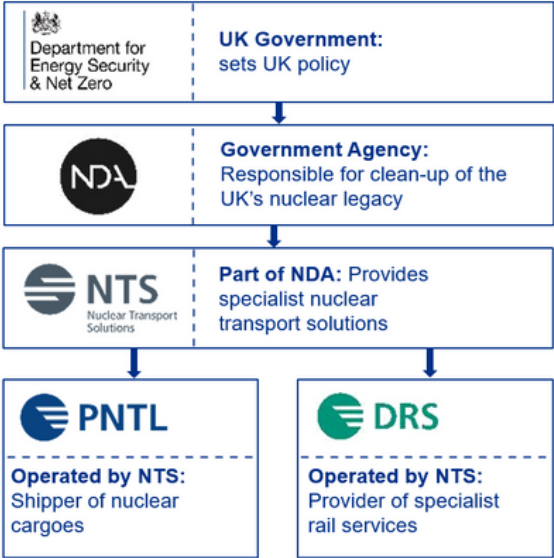


Ownership

PNTL is owned by several shareholders:

INS (Trading as NTS)	71.875%
JSC (Japanese Shareholders Consortium) made up of: Kansai JAPC Sojitz Marubeni	15.625% 6.25% 3.125% 3.125% 3.125%
Orano NPS	12.5%

Where we fit



Leadership - PNTL Board



David Peattie
Director and Chair



Ciara Middlehurst
Director



Ben Whittard
Director



Olivier Roulleaux Dugage
Director



Yoshiaki Matsumoto
Director



Teppei Narita
Director



Meb Vadiya
Company Secretary



Haydn Rodgers
Director

Our fleet

We operate three INF3 class ships that are dedicated to safely and securely transporting nuclear cargo around the globe.

We are the only organisation in the world with vessels capable of undertaking high-security shipments of Category 1 nuclear materials.

These ships are based at our dedicated marine terminal in Barrow.



Pacific Egret



Pacific Grebe



Pacific Heron

1979

Maiden voyage of the Pacific Swan from UK to Japan - our very first purpose-built ship

1980

Launch of the Mediterranean Shearwater

1989

Marks our 100th voyage between Europe and Japan

Our very first transport of research reactor fuel from Japan to USA

2001

The last shipment of Magnox spent fuel is safely completed

Our vessel Pacific Sandpiper receives AMVER special award for 15 years' performance

2008

PNTL becomes a subsidiary of International Nuclear Services

2014

Pacific Grebe arrives in Japan, carrying 132 canisters - our largest high-level waste shipment to date

2021

PNTL becomes part of Nuclear Transport Solutions

100% of 3,865-tonne Oceanic Pintail is recycled, a UK first and supporting both the NDA group and Government's carbon net-zero ambitions

2024

Trials commence of pioneering new green shipping solutions - Fastrig sail initiative

Complete a front-end fuel shipment for Westinghouse from the UK and Sweden to Canada.

Celebrating 50 years of shipping success

1982

Prime Minister Margaret Thatcher visits the Pacific Swan in Japan

1995

First shipment of high-level waste from France to Japan completed

2005

'MOX for Peace' – safely shipping MOX fuel assemblies to the US

2015

As we celebrate our 40th anniversary, we pass a milestone of 180 global shipments

2023

Successfully complete the first-ever arrival of a TN843 Flask to France from Japan, on the return leg of a MOX voyage.

2025

We celebrate our 50th anniversary

We're looking forward to continuing to deliver transport and logistics solutions that make the world more safe, secure, and reliable.

1985

Proudly celebrating 10 years of successful spent fuel shipments

1999

PNTL begins shipping MOX fuel from Europe to Japan

2007

Launch of the Pacific Heron – the first of three new INF3 ships dedicated to nuclear transport

2016

PNTL completes a shipment from Japan to USA receiving recognition from President Obama

Complete the final major milestone in the MOX 8 transport

Experienced crews

We have the most experienced crews in the world, who are dedicated to maintaining our 100% nuclear safety record.



On average each crew member has more than 20 years of experience with PNTL.

What we do

We safely ship a wide range of nuclear materials, including:

- Plutonium
- MOX fuel
- High-level waste and spent fuel
- Highly enriched uranium
- Fresh nuclear fuel

We've completed over **300 shipments** safely transporting over **2,000 packages** sailing over **5 million miles** around the globe.

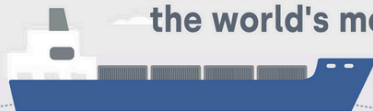




YEARS
OF
PNTL

1975 - 2025

Pacific Nuclear Transport Limited are the world's most experienced shipper of nuclear materials



Shipments completed:

PNTL has successfully completed over 300 shipments during the last 50 years

300

The first purpose built ship...

Chartered ships were manned by PNTL crew until the first shipment in a purpose-built PNTL ship was made in 1979

1979

PNTL's home port is Barrow-in-Furness, England



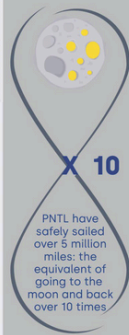
Types of shipment

These vessels are capable of carrying spent fuel, vitrified waste, MOX fuel assemblies and fresh fuel



THERE HAS NEVER BEEN A SINGLE INCIDENT RESULTING IN THE RELEASE OF RADIO-ACTIVITY

No. of incidents



PNTL have safely sailed over 5 million miles: the equivalent of going to the moon and back over 10 times

5+million miles sailed

2000+

More than 2,000 casks of nuclear material have been safely transported by PNTL since 1975

CREW

PACIFIC NUCLEAR TRANSPORT LIMITED HAS THE MOST EXPERIENCED NUCLEARTRANSPORT CREWS IN THE WORLD

20+ YEARS



Experience in depth...

On average each crew member has more than 20 years of experience with PNTL



SHIPS

Number of ships that are in service today

3

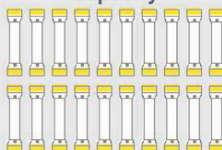
PNTL INF 3 Vessel - FACTS

Length: 104 Metres
Beam (Width): 17 Metres
Deadweight: 4,916 Tonnes
Displacement: 9,667 Tonnes
Engine: 2 Diesel Engines, Each With 3,600 Hp



20

CASKS PER SHIP
Maximum cargo capacity



Roll of Honour

PACIFIC SWAN
January 1979
PACIFIC CRANE
August 1980
PACIFIC TEAL
November 1983
PACIFIC SANDPIPER
August 1985
PACIFIC PINTAIL
September 1987
PACIFIC HERON
May 2007
PACIFIC EGRET
January 2010
PACIFIC GREBE
April 2016



Part of NTS

Proud of our history, excited by our future

For the next 50 years and beyond we're focusing on:

- Strengthening our position as a UK and international strategic asset
- Maximising our value to NDA, UK government and our key customers
- Continuing to support UK and international nuclear ambitions
- Pushing boundaries and working smarter to be the world's leading shipper of nuclear materials.



