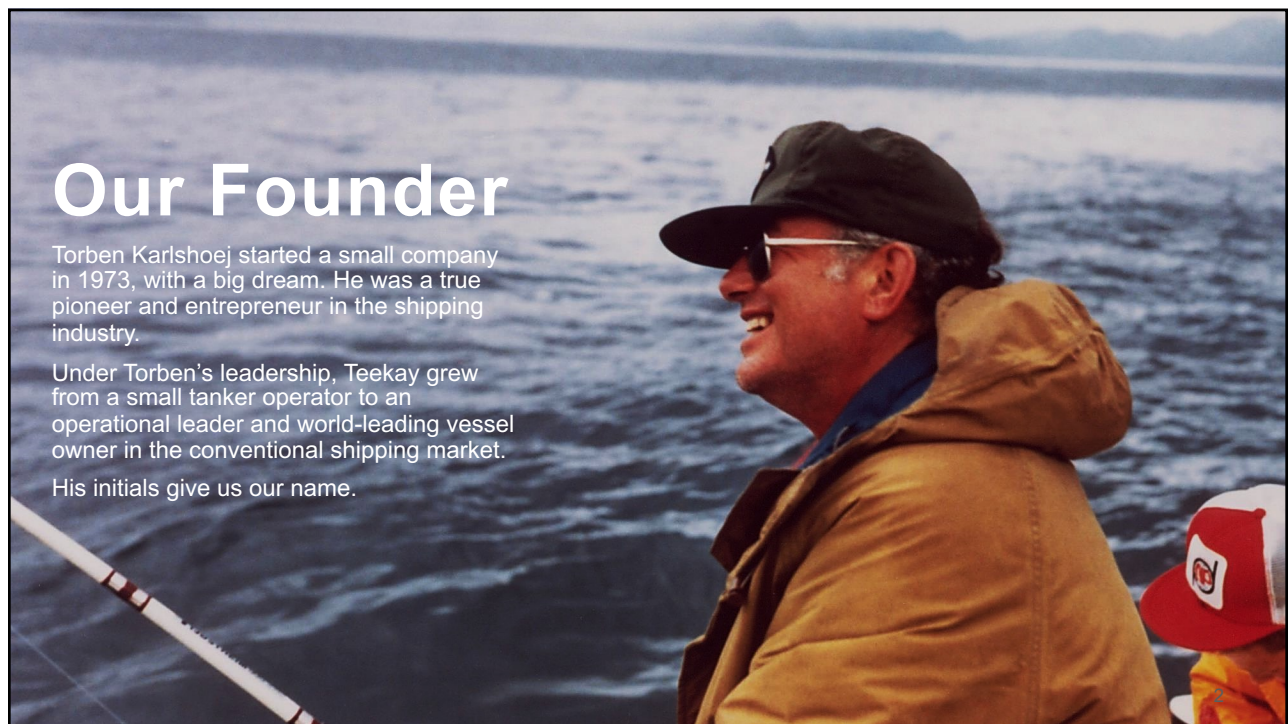




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## Our Founder

Torben Karlshoej started a small company in 1973, with a big dream. He was a true pioneer and entrepreneur in the shipping industry.

Under Torben's leadership, Teekay grew from a small tanker operator to an operational leader and world-leading vessel owner in the conventional shipping market.

His initials give us our name.

2

## TEEKAY GROUP AT A GLANCE

NYSE: TK

Teekay Corporation Ltd.

NYSE: TNK

Teekay Tankers Ltd.

**52** years of experience



**19** Suezmax

**18** Aframax / LR2

**1** VLCC

Note: includes in-charters

### Integrated Shipping Platform



In-house technical management



In-house commercial management



Global presence with 12 offices in 8 countries



**2200** employees at sea and ashore

### Market Leading Position in Mid-Size Tankers

One of the world's leading publicly traded mid-sized tanker companies moving 5% of the world's seaborne oil

### Lightering & Ship-to-Ship Services

Over 40 years of global ship-to-ship support experience, and +30% market share in U.S. Gulf full-service lightering

### Teekay Australia Marine Services

Leading marine services company and the largest employer of Australian seafarers outside of the Australian government



3

3

## Teekay in Alaska

In 2016, BP chartered Teekay's *Tianlong Spirit* and *Shenlong Spirit* as their first foreign flag vessels to load Alaskan crude oil in more than 30 years



4

## 2.1 Prevention, Inspection, and Maintenance Programs [18 AAC 75.450(b)(1)]

This section states that Teekay, "conducts regular program audits and manages the substance abuse program, medical monitoring program, training programs, and vessel inspection and maintenance programs." However, it does not provide details on how training will be conducted for a tanker calling at the Valdez Marine Terminal (VMT) for the first time.

### RFAI #4

PWSRCAC requests that Teekay describe how training will be conducted for a tanker calling at the VMT for the first time, including the Vessel Escort and Response Plan (VERP), escort system, and other PWS-specific measures.

Have we covered all their points?



5

5

## Purpose & Scope

Share guidelines and safety protocols practiced on Teekay oil tankers specifically for calling at the Port Valdez Terminal, located in Prince William Sound (PWS), Alaska

Outline operational, regulatory, and safety measures on Teekay Vessels to ensure full compliance with local, state, and federal regulations



6

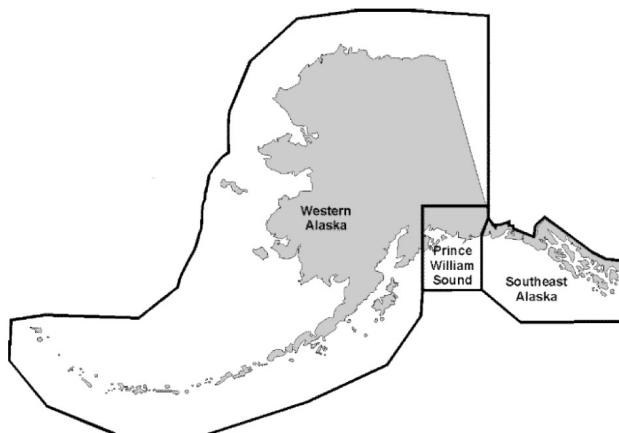
6

### Alaska's COTP Zones

Alaska is divided into three Captain of the Port (COTP) zones:

- Southeast Alaska
- Prince William Sound (PWS)
- Southwest Alaska

The Port Valdez Terminal falls under the Prince William Sound COTP zone



### Guidance for transit through the Prince William sound COTP Zone



7

7

### Standard Documentation On Board Prior to Port Valdez Terminal Call (PWS Requirements)

PI-25 Valdez Marine Terminal Port Information Manual (Latest Copy)

Prince William Sound Vessel Escort & Response Plan (PWS VERP)

C-Plan (Contingency Plan)

PWS VTS (Vessel Traffic Services) Manual

Alaska Certificate of Financial Responsibility (AK-COFR)

This is distinct from the standard USCG COFR used in other US ports. The application is processed by the charterer's designated C-Plan holder.

## Preparations for Arrival

Statutory  
Documentation and  
Approvals



8

## Master's Duties and Onboard Preparations



Ensuring cold-weather PPE is available on board



Securing all alcohol, including "near-beer" and "non-alcoholic" beverages



Conducting emergency drills including towing, steering failure, and oil spill response



Maintaining the highest standards of watchkeeping

Waiver or full VRP approval is in place for the COTP zone



9

9

## Safe Navigation Detailed Passage Planning and Flawless Execution



### What the Bridge Team Completes:

#### Passage Plan

Plan passage via VERP route with narrow optimal ECDIS track lines

#### Speed Restrictions

Ballast: 12 knots in Narrows  
Loaded: 6 knots in Narrows, 10 knots elsewhere

#### Watchkeeping

Maintain dual officer watch in PWS  
Ensure lookout is posted during anchorage

#### VHF Channel

Monitor Channel 80A continuously at anchorage

#### Anticipate


Anchor at Knowles Head only if instructed, with readiness to heave up

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## Safe Navigation

### Detailed Passage Planning and Flawless Execution

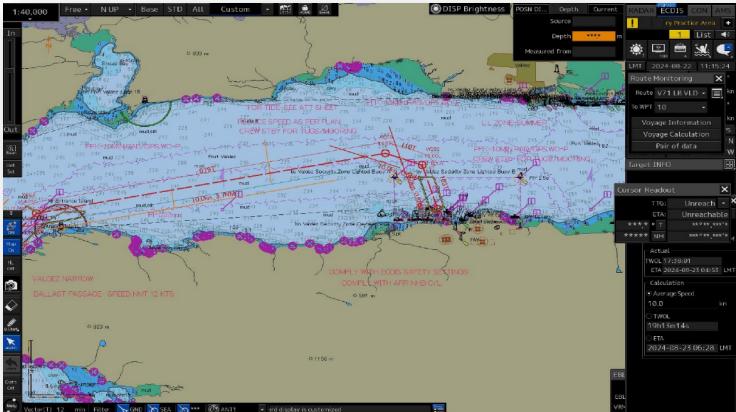


Master sends the following for review to the office for review and guidance:

Passage Plan

Cargo Plan

Risk assessment for transiting and anchoring at PWS to the Shore team



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## Emission Control Requirements

Teekay vessels proceeding to Port Valdez comply with strict fuel emission standards as per the North American Emission Control Area (ECA) regulations





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## Emergency Preparedness

### Oil Spill Response and SERVS Interface



## Teekay Readiness

### (Shore & Ship)

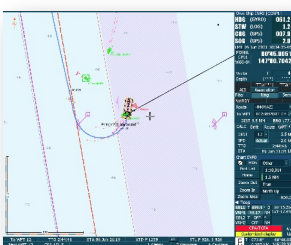
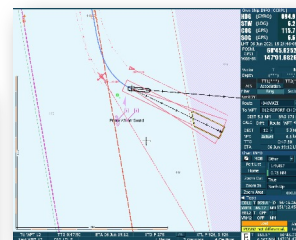
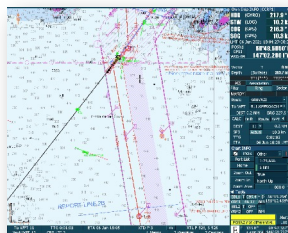
- Drills coordinated with shore team:
  - Charterer acts as Incident Commander
  - O'Brien's serves as Qualified Individual (QI)
  - SERVS provides tactical oil spill response in Prince William Sound (PWS). SERVS resources (10 tugs, 4 barges) aligned with Teekay contingency planning
- Photos and logs retained
- Incident reporting structure validated and exercised during drills
- Emergency response flowchart available on bridge and CCR

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## Teekay Participation in SERVS Exercise

### Los Angeles Spirit, 6 June 2021

- Los Angeles Spirit successfully participated in a SERVS emergency response drill, engaging with tether tug Commander and towing tug Champion. The vessel was fully loaded at the time, having received ~1,048,000 BBLs of North Slope crude from Valdez.
- Communication between the vessel and tug teams was clear, coordinated, and effective.
- Deployment of tugs at both fore and aft positions was executed smoothly and in a timely manner.
- All exercise objectives were met, confirming that SERVS tugs in the vicinity can be promptly deployed to assist a loaded vessel in maneuvering to safety during an emergency.



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## Emergency Preparedness

DRILLS, DRILLS, DRILLS



15

15

## Safe, Efficient and Flawless Operations



- Manifold readiness on both sides
- Pre-arrival protocols are completed
- Precise berthing & equipment alignment is understood and discussed
- O<sub>2</sub> measurements are in compliance
- Cargo loading sequence & rate management are agreed
- Topping-off and stop notices are agreed
- Vapor tightness certificate is available
- Safe mooring management is practiced
- Support & safety arrangements are adequate
- Terminal equipment are briefed and supervised (shore arms connections)



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## Environmental Diligence

(at the dock, inside boom)

- Rain / deck water is drained only after confirming no oil sheen; absorbent pad traps are placed on scuppers before draining.
- Scuppers are always manned during drainage; crew stands within 2 meters of the open scupper.
- Boiler is fired continuously on low load to prevent smoke and maintain proper stack exhaust opacity.



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## Prior Departure from Berth

Masters adhere strictly to protocols to ensure full compliance and operational readiness

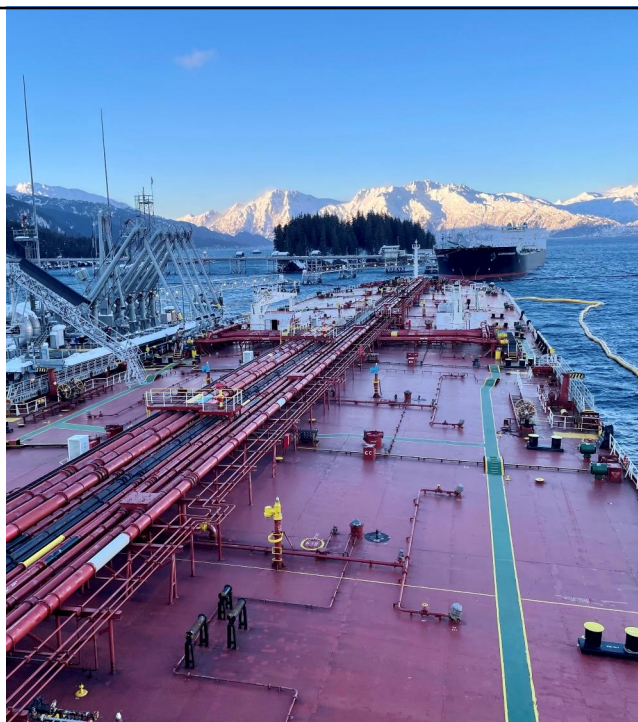
### Departure Procedure (EDP):

- ✓ Allowed at any time (not limited to daylight). Agent signs on behalf of Master under EDP
- ✓ Time Sheet / Statement of Facts (SOF) is prepared in advance

### Sailing Notice & Communication:

- ✓ Master issues a 2-hour sailing notice based on "All lines clear" (not "unmooring")
- ✓ Immediate updates to the terminal and agents in case of changes

**Mandatory Alcohol Testing:** Participates in the breathalyzer test conducted by the terminal within 1 hour before departure



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## Upon Departure

**Escort and Tug Requirements :** All laden Teekay vessels use three tugs, and the escort tug remains on standby until the vessel is 17 Nm off the coast

**Pilot and Route Instructions :** The pilot provides the latest Ice Report upon departure. After disembarkation, the vessel follows a route that minimizes time in Alaskan waters

**APC Passage Sharing :** If transiting the Western Alaska COTP Zone, the intended passage is submitted to Alaska Chadu Network's APC for approval (during arrival formalities into PWS)



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BRINGING ENERGY TO THE WORLD

20