

KETCHIKAN MARINE INDUSTRY COUNCIL

www.ketchikanmarineindustry.com



Industry Overview for Alaska Workforce Investment Board

January, 2013



Ketchikan's Marine Industry Sector

- 212 Businesses in 9 Parent Categories
- 1,745 Employees
- Average Marine Wages : \$71,964 (Source: SE Conference/BEA)
- Rapid Wage Growth: \$62,664 (2009) to \$71,964 (2010) (Source: SE Conference/BEA)
- Significant long-term industry growth – 216% increase in contribution to State GDP between 1997 and 2010 (Source: BEA)
- Most economic activity in Ketchikan and Alaska is marine-dependent





Marine Workforce Need: The Multi-Skilled Worker

Industry Diversity

Workforce needs and associated knowledge, skills, and abilities requirements are as diverse as the industry itself.

Marine industry workers must perform a very wide variety of tasks.

Real-World Practice

The ways in which employers divide diverse tasks varies significantly from workplace to workplace.

**Compartmentalizing
work tasks into
“occupations” disguises
cross sector skill sets.**

Industry-Recognized Training / Certification

Entry level skills are shared by many other industries (construction, mining, etc.).

Requirements can be met by use of industry-recognized curricula such as NCCER, OSHA's HAZWOPER, and More

The Multi-Skilled Worker
is built upon a foundation of “soft skills” supporting strong work ethic.

Significant Marine Sector Opportunities

(Cross-cut and support many other industries)

- **Offshore Oil and Gas** -- “New Gulf of Mexico in the Arctic”
- **Growth of mining sector** (Niblack, Ucore) and other marine-reliant industries
- **State-wide economic / population growth** (plus new growth/demand in Pacific Northwest)
- **Proximity to Puget Sound supply chain**
- **New investment in regional infrastructure** – Ward Cove Industries, Alaska Ship & Drydock, Ketchikan Ports and Harbors, Cruise Ship Berths, Saxman Harbor, Saxman Seaport, Oceans Alaska, Fish Processing.
- **Growing waterborne tourism / cruise ship industry**
- **Rapidly-increasing demand for ice-free, protected mooring in Alaska**
- **Vessel replacement needs** – Alaska Marine Highway System, Bering Sea Ground Fishing Fleets, US Coast Guard patrol cutters, ice-breakers
- **Renewable Energy** – Submarine transmission cable (installation, maintenance, repair), offshore wind (plus installation / maintenance vessels),
- **Arctic Development:** Transportation, offshore oil & gas, defense, safety/spill response, observation science, supply/resupply, platform-based operations, significant need for new ice-class vessels and technology!
- **Trade** – Growth of Port of Prince Rupert (international transshipment), North Pacific Great Circle Trade Route, Northwest Passage Trade Route, Arctic Circle Trade Route
- **Mariculture**

And much, much more!

RECOGNITION

State-wide recognition and promotion of the value and diversity of the marine industry sector. Attract new talent.

MULTI-SKILLED APPROACH

Utilize “Multi-skilled worker” approach, training cross-sector skill sets in public training venues.

Support a more competitive marine industry sector workforce.

INDUSTRY-LED APPROACH

Examine, support, and enhance existing industry workforce development practices, certification / training requirements.

DEMAND DRIVEN APPROACH

Use “demand-driven” approach responding to employers needs, rather than “supply-driven” approach driven by training providers.