

3-19-09

Overview:

Ketchikan

Shipyard

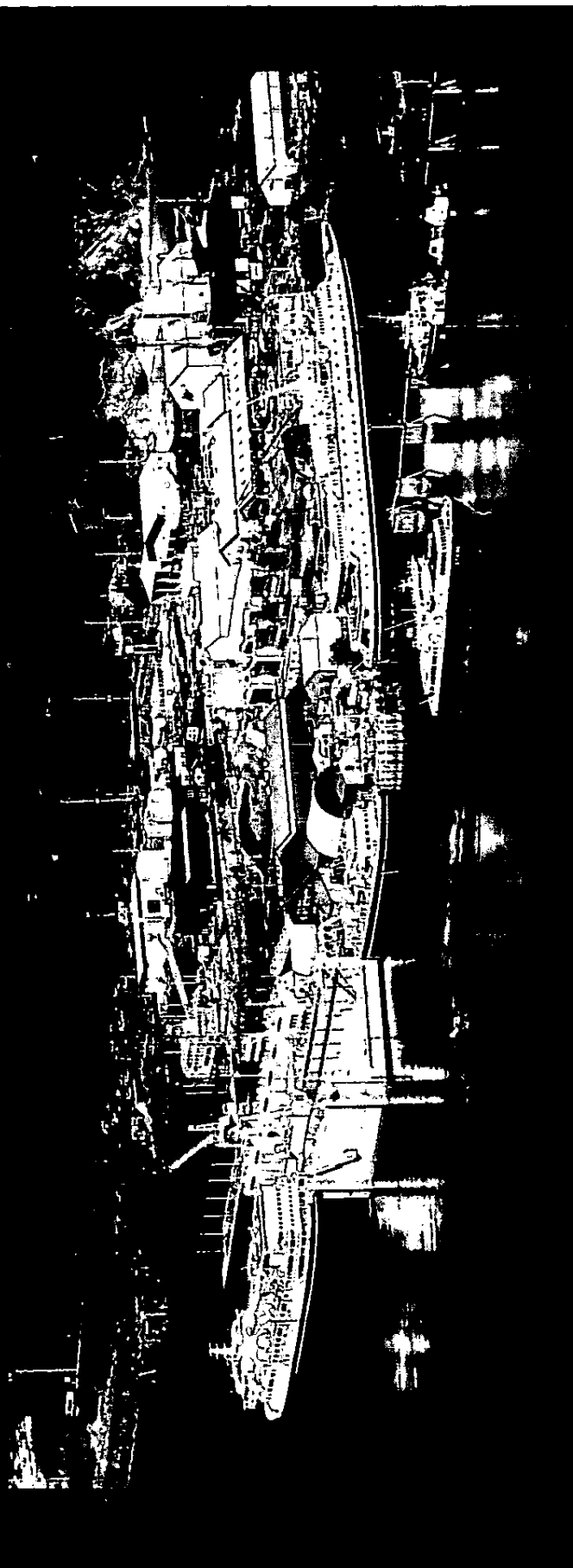
<target><bill></bill><subject>3-19-09 Overview Ketchikan
Shipyard</subject><comm>SWTR26</comm></target>

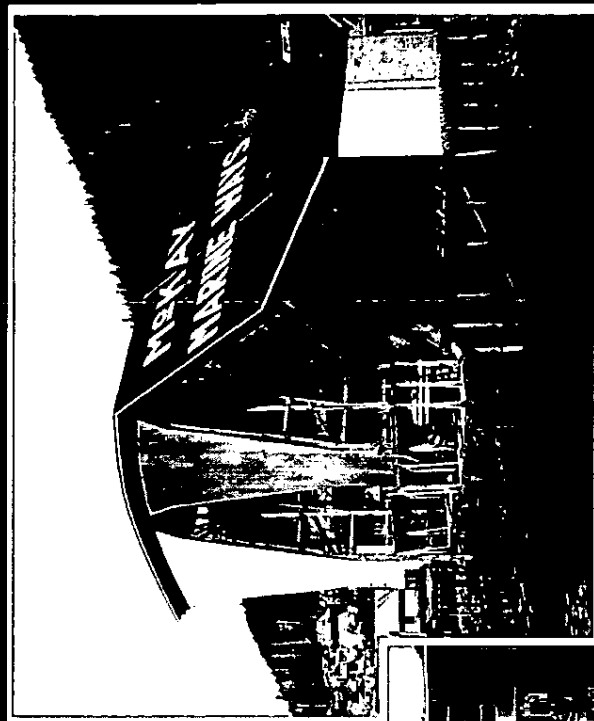
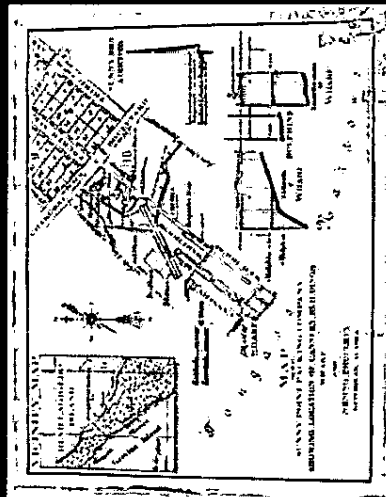
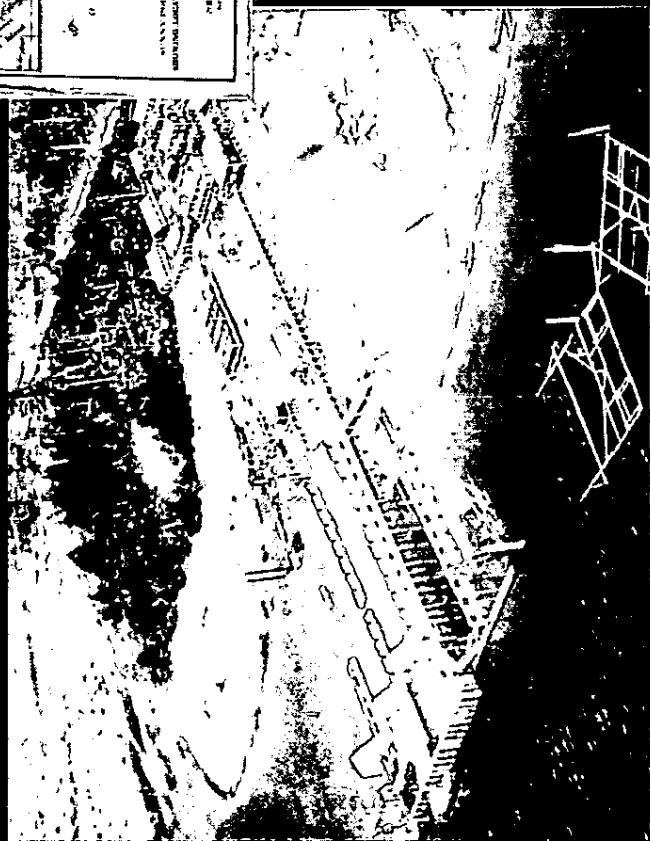


The Ketchikan Shipyard

A Public Private Partnership supporting the concurrent development of shipyard

- Infrastructure
- Market
- Workforce
- Creating Regional Competitive Advantage to Attract New Investment





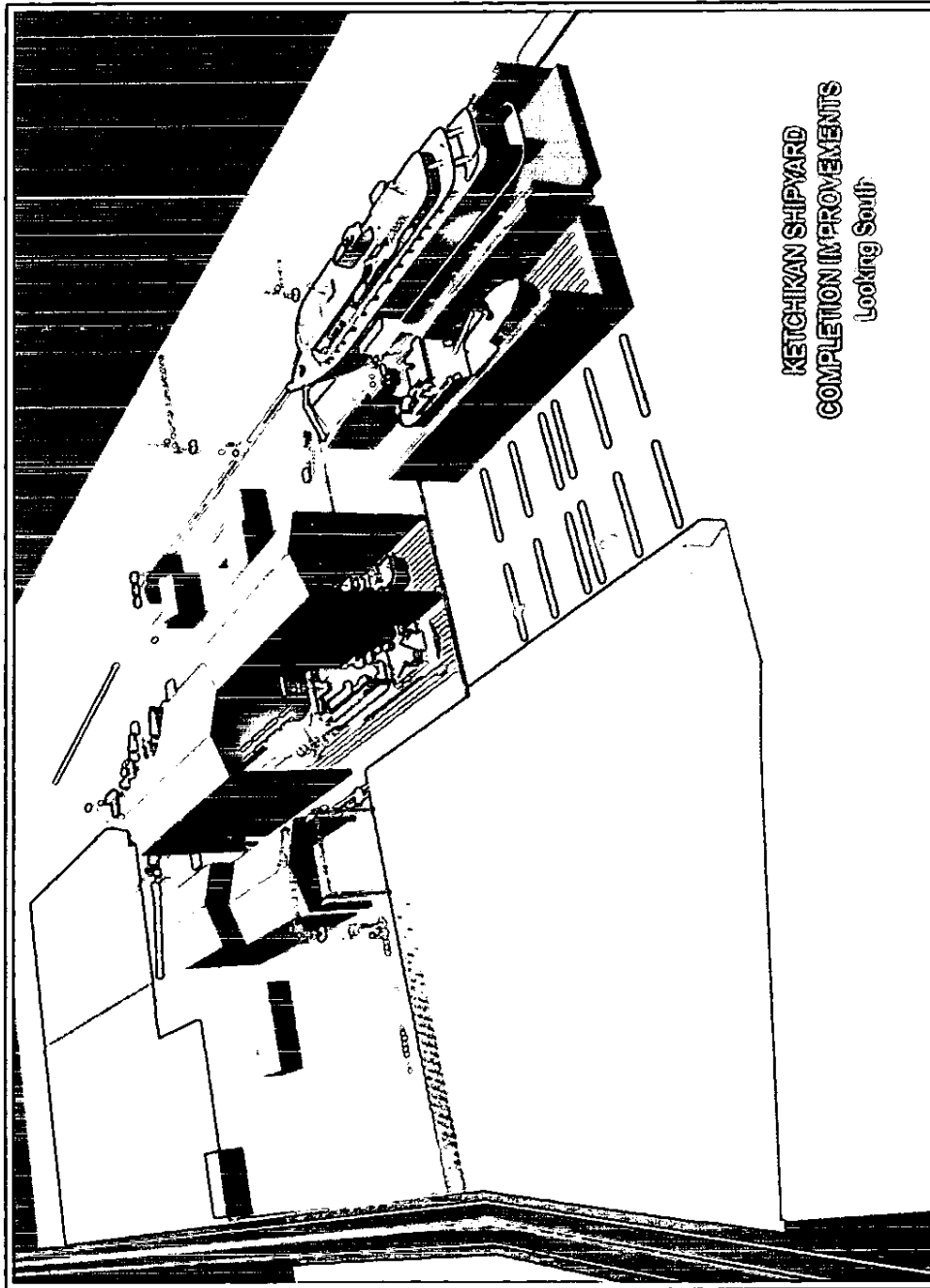
Early Shipyards in Ketchikan



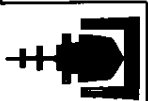
Ketchikan Shipyard Established 1987



Ketchikan Shipyard Development Plan

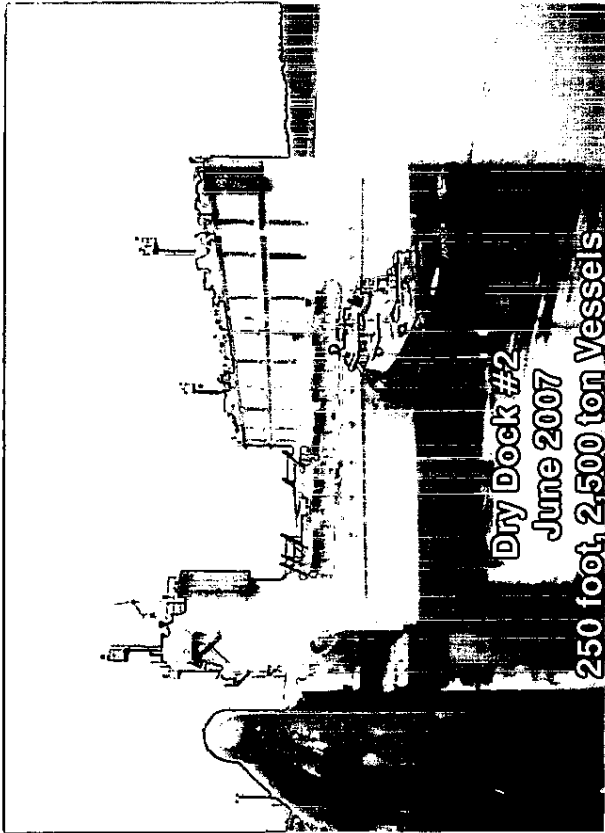


KETCHIKAN SHIPYARD
COMPLETION IMPROVEMENTS
Looking South

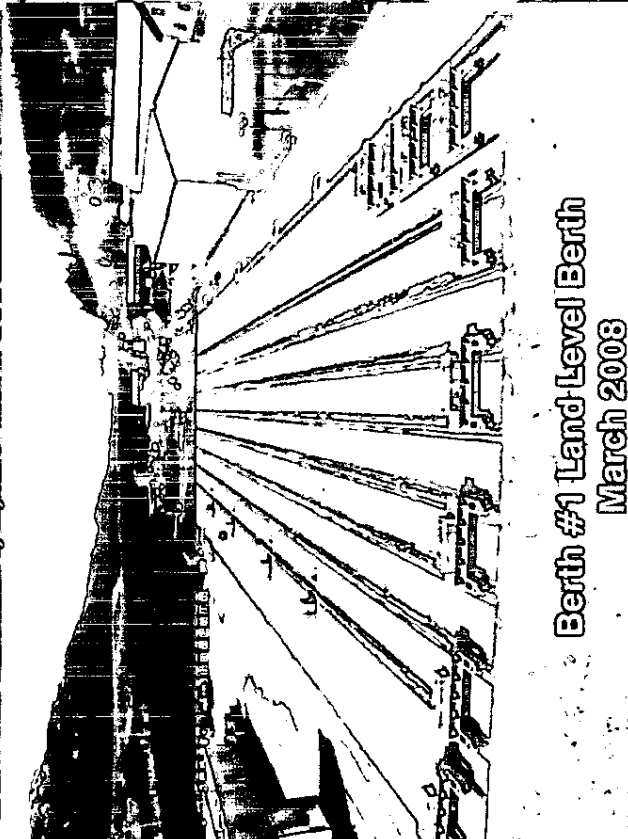




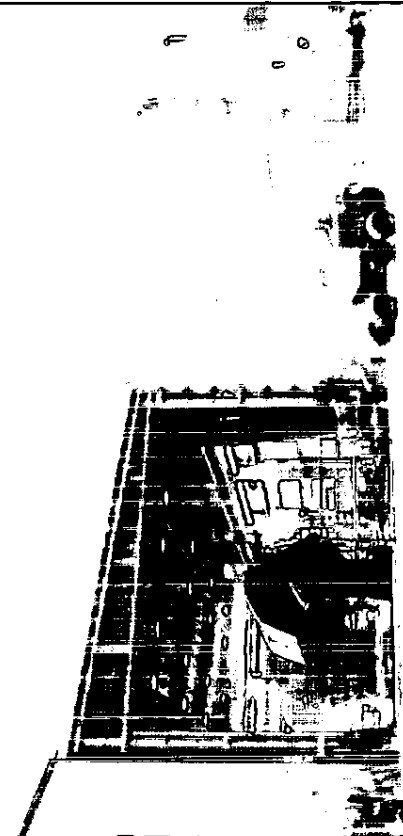
Ketchikan Shipyard Expansion & Improvement 2007 & 2008



Dry Dock #2
June 2007
250 foot, 2,500 ton Vessels



Berth #1 Land-Level Berth
March 2008



Fabrication & Assembly Building
Fall 2007



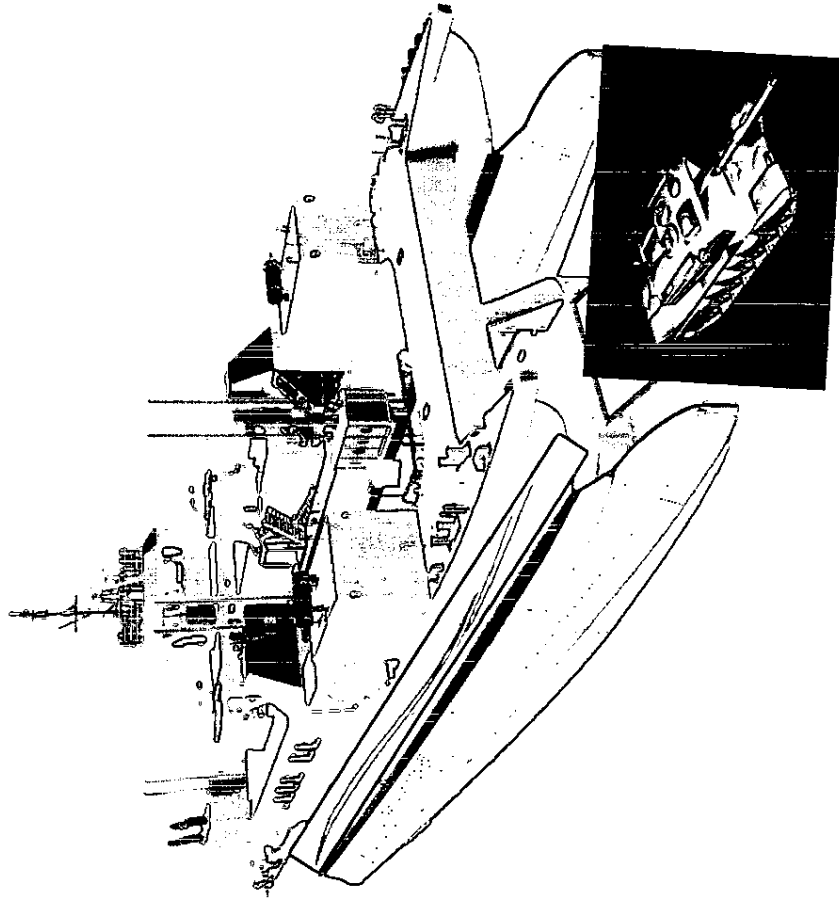
Reducing the Cost of Operating Alaska's Marine Transit System

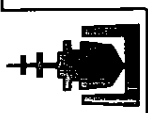




M/V Susitna

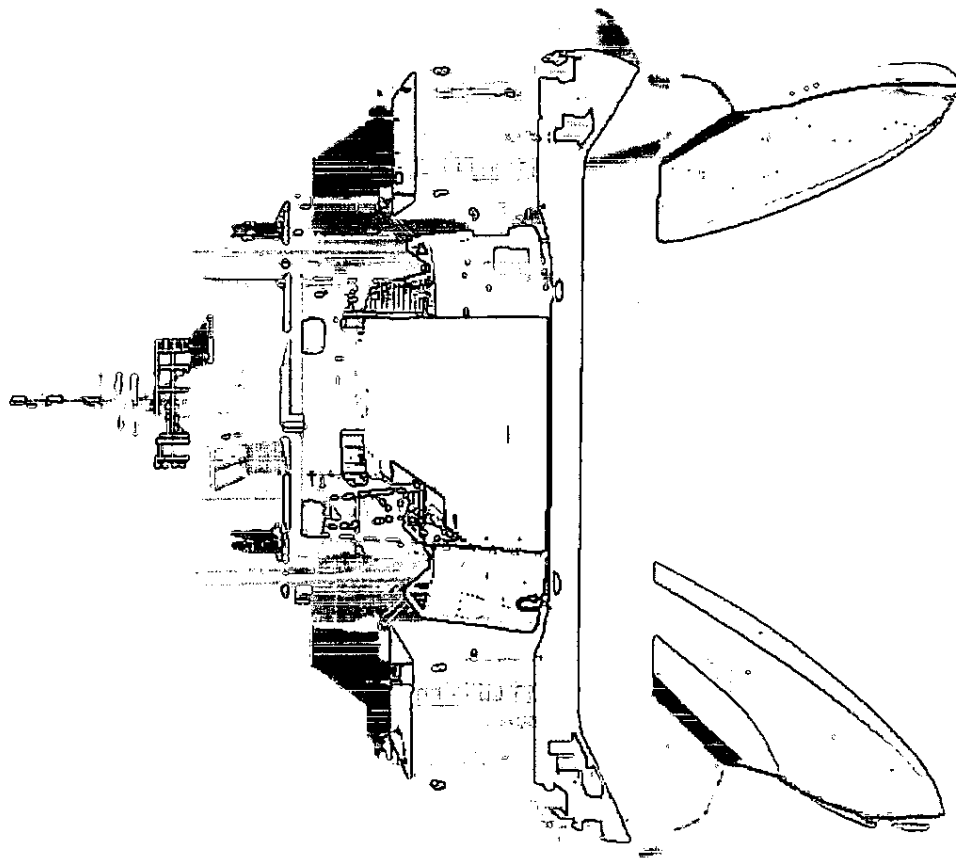
An Office of Naval Research Demonstrator Vessel owned by Mat/Su
Borough to be operated as the world's first twin hulled, ice
breaking ferry across Knick Arm

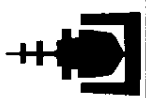




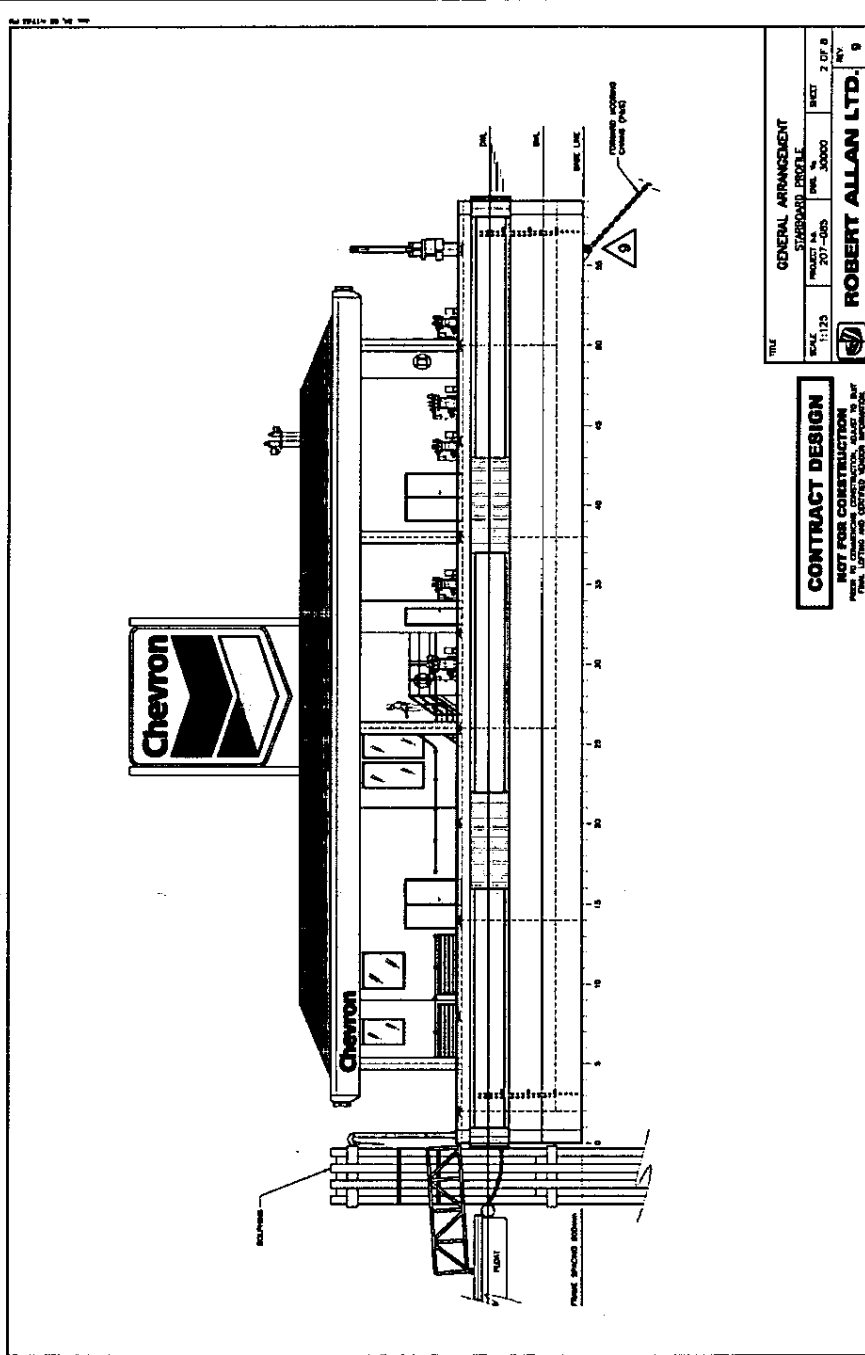
M/V Susitna

**Cargo Deck in Raised Position for High Speed, High Sea States,
Large Payloads over Long Distances**





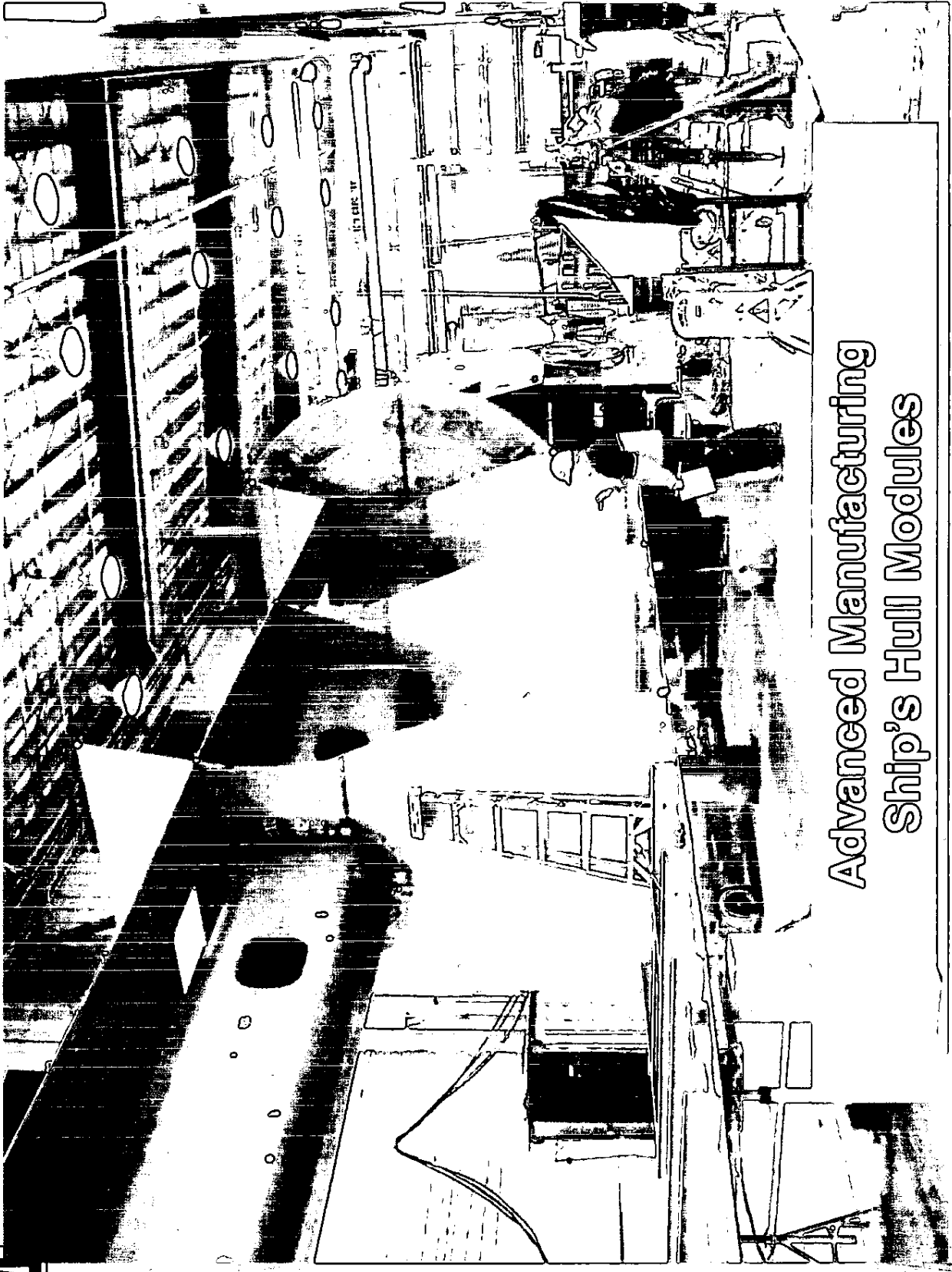
Chevron Coal Harbor Marine Fueling Station



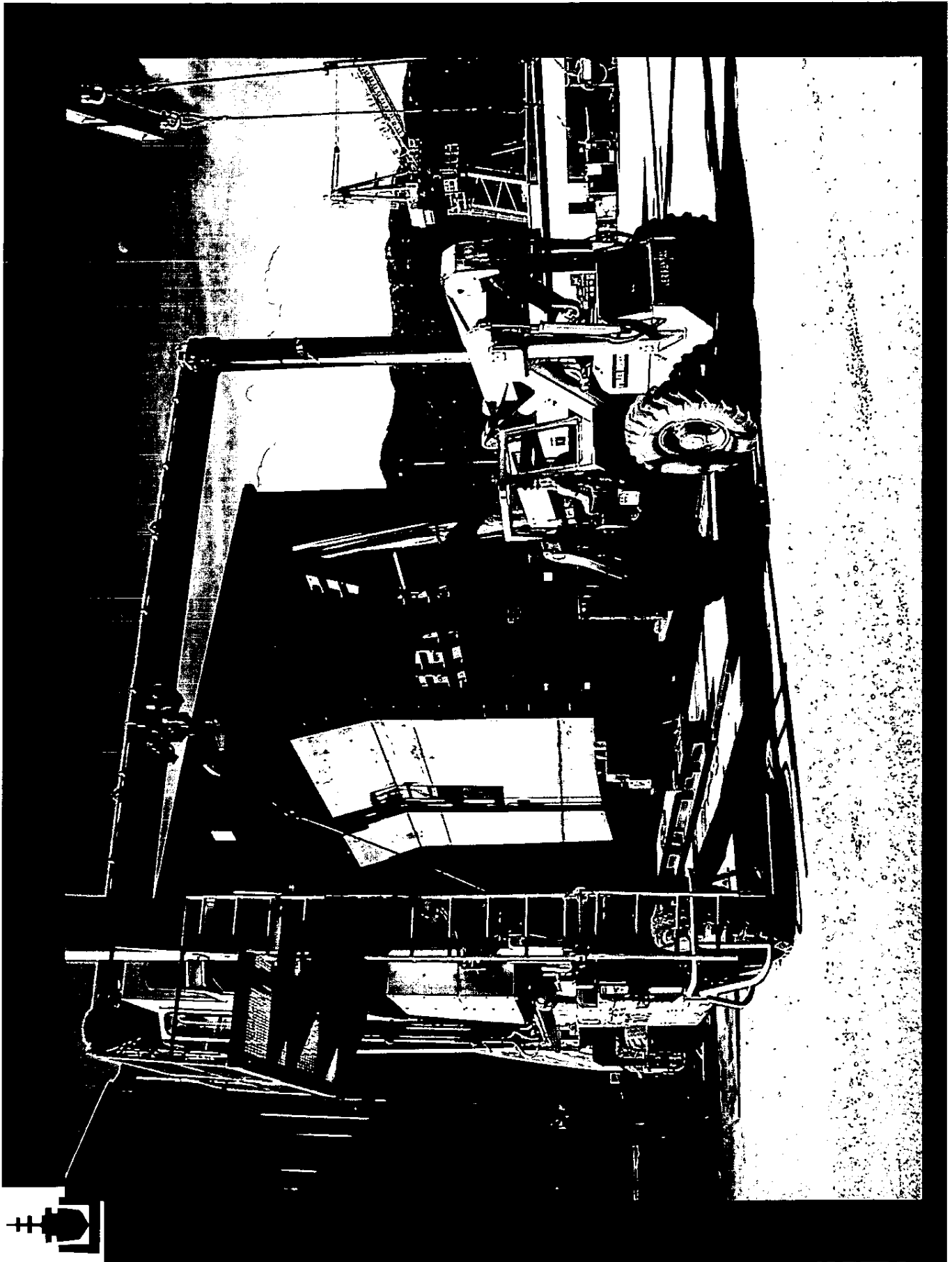


Advanced Manufacturing Practices Ship's Hull Panels



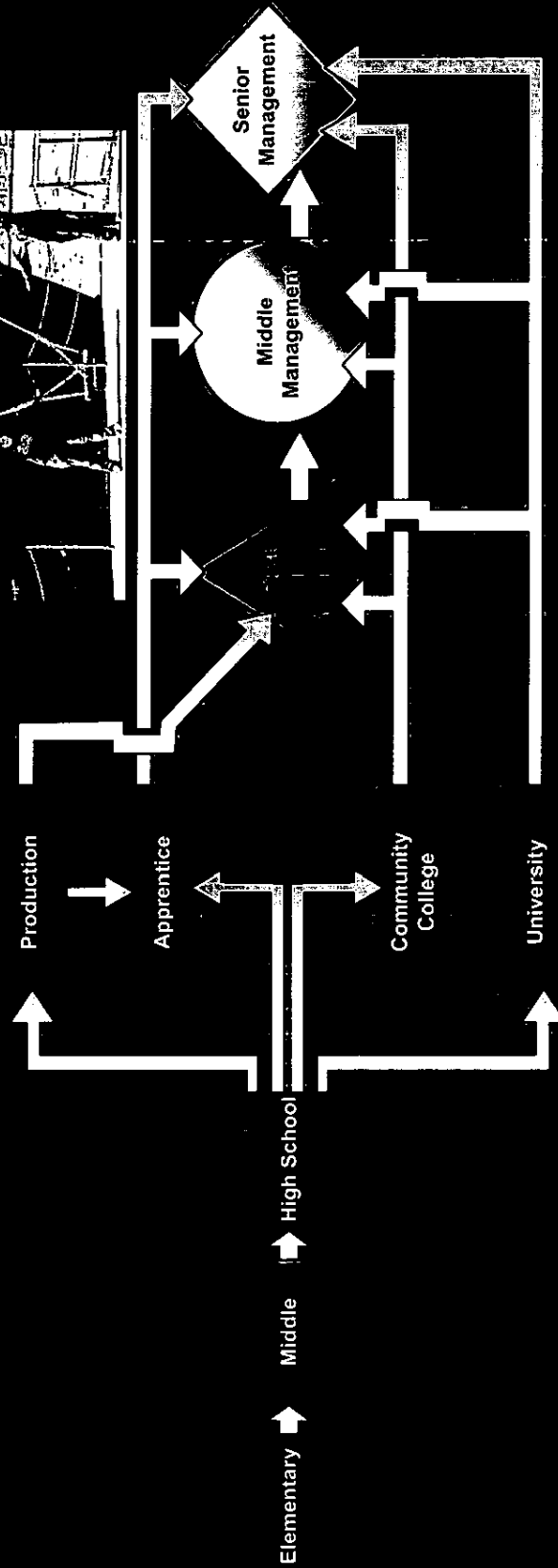


**Advanced Manufacturing
Ship's Hull Modules**



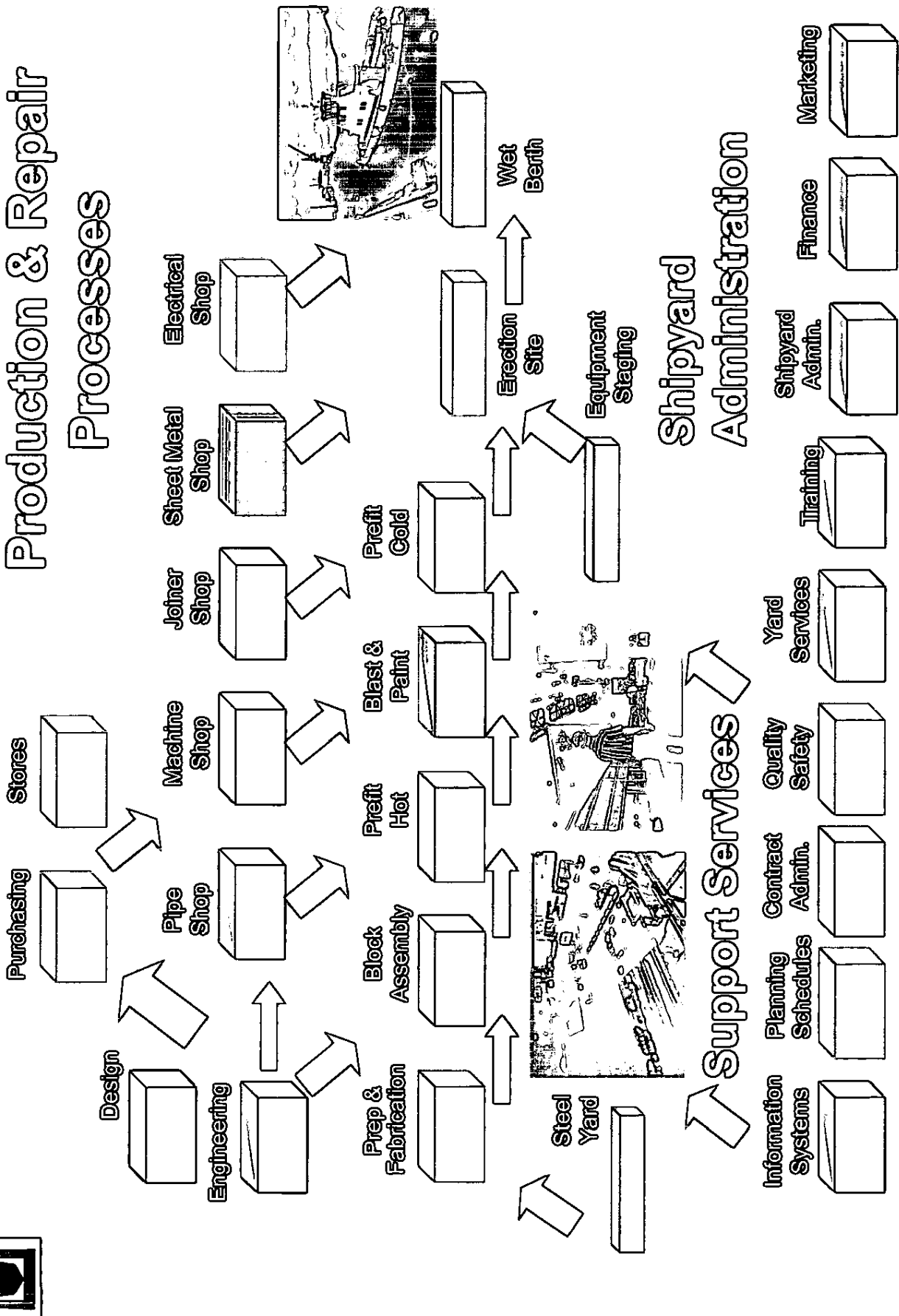


Shipyard Career



Career Pipelines -- Pre-Employment Assessments -- Learning--On-The-Job Training

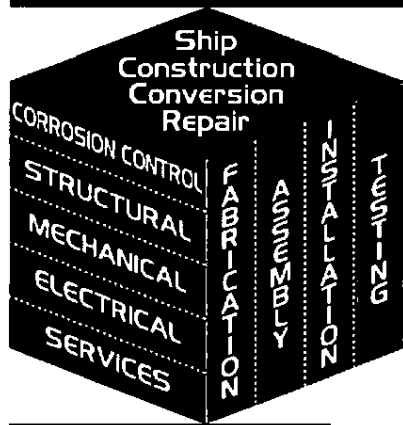
Production & Repair Processes





Multi-Skilled Shipyard Production Worker Apprenticeship Supported by Training Within Industry (TWI)

We Can Do It!



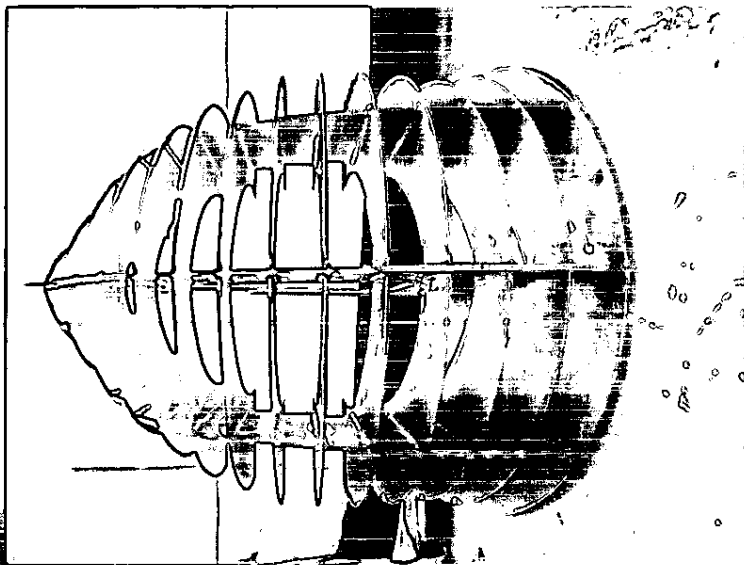
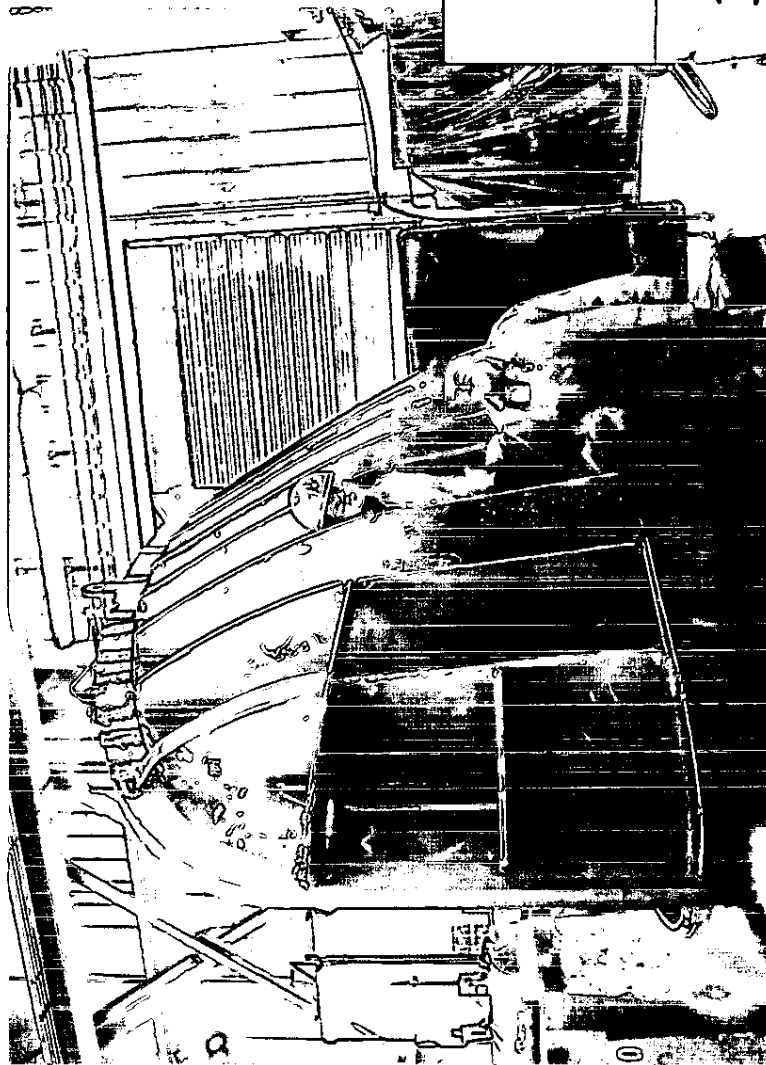
Shipyard Career Paths & Major Processes

	Shipyard 601 Business-Master Craft Master Crafts Track Management Track 1 Years	Newbuild Fabrication & Assembly Processes	Newbuild Blast & Paint Processes	Newbuild Installation Processes	Newbuild Systems Integration & Testing Processes	ASD ALASKA SHIP AND DRYDOCK	
Shipyard 501 Craft-Leadership Leadman Track Supervisor Track ~ 3 Years		Repair Ripout & Rebuild Processes	Repair Clean Blast Paint Processes	Repair Shop & On-board Processes	Repair Reinstall & Test Processes	Newbuild Repair Sea Trials Delivery	
Shipyard 401 Craft-Trade Team Lead Journeyman ~ 2 Years		STRUCTURAL Cutting Forming Welding Fitting Fabrication Assembly	CORROSION CONTROL Protection Blasting Painting Deck Covering	SERVICES Drydock Logistics Temporary Light, Vent Cleaning Hazmat	ELECTRICAL Cables Motors Switchgear Controls Electronics	MECHANICAL Outside Inside Shop Carpentry Pipes	ADMINISTRATIVE Estimating Planning Scheduling Contracts Accounting Quality Safety Environmental
Shipyard 301 - multi-skill 201 - craft ~ 1 Year Shipyard 101 Core Entry	<p>What employees need to know about their own career path to begin progress toward journeymen status. Classroom, self-study, learning lab courses. Structured On-the-job learning mentored and coached by production workers and supervisors. SUI certified by qualified job instructor. Includes appropriate cross-training: back welding, fork lift track operation, etc.</p> <p>Basic function of the shipyard; safety-health-environmental orientation; how the company makes money; basic customer orientation; Employee Handbook review; basic elements of quality; use of hand tools.</p> <p>Work ethic - punctuality; cooperation & respect; listening-reading-speaking-interacting communications; math; safety-health-environmental concepts.</p>						

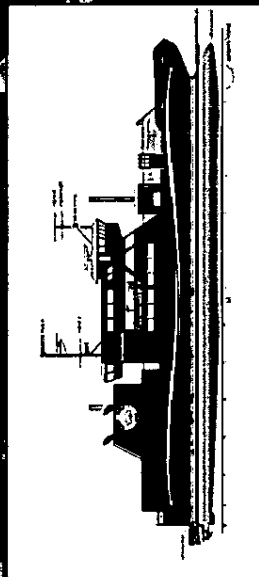
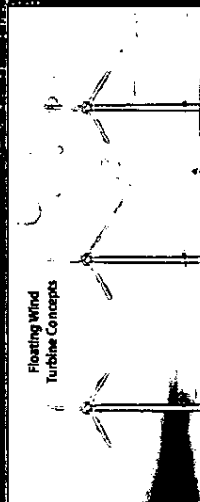
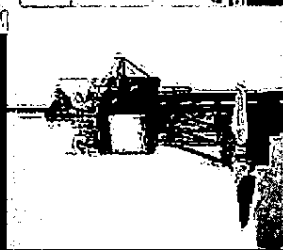
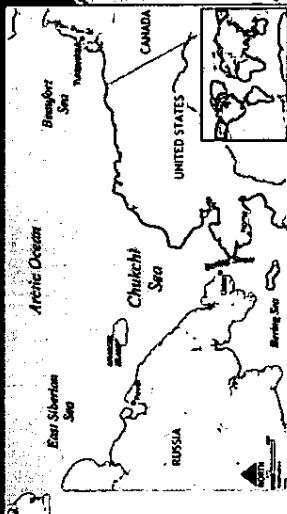
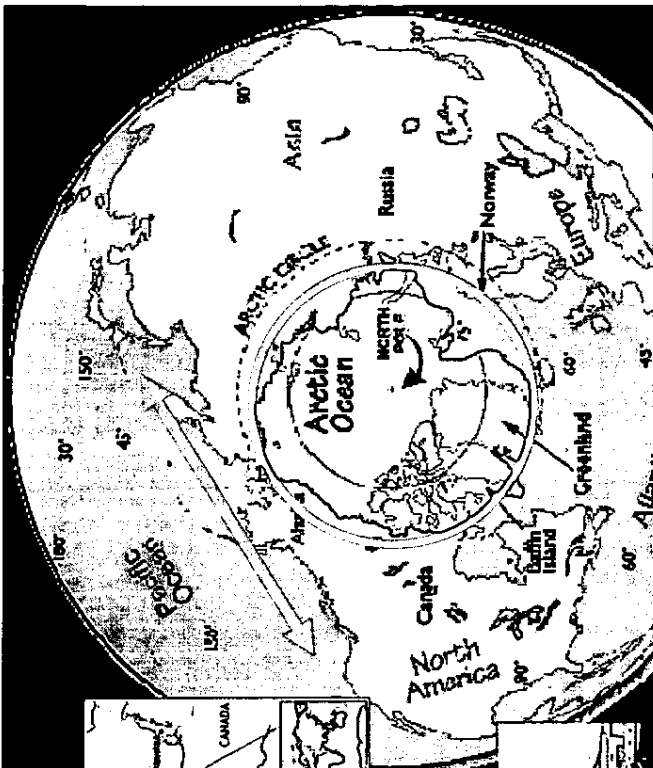


**State Training &
Employment Program**

**STEP
HB 105**



**Applying Training Within Industry Applying to
construction of the M/V Susitna
Complex Fabrication & Assembly**



Ketchikan Shipyard

- Strategic Products
- Competitive Standards
- Strategic Location