

Shipyard Intel Product Guide

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1. Introduction

ShipyardIntel transforms shipyard operations by integrating compliance, safety, project tracking, and maintenance management into a single Salesforce-based platform.

We are digitalizing global shipyard operations with a single source of truth.

Architecture: Built on Salesforce Core with Experience Cloud, Analytics, Field Service, and secure IoT integration.

3. Objects & Data Model

3.1 Core Shipyard Objects

- Ship__c
- Vessel__c
- Shipyard__c
- Ship_Project__c

- Ship_Project_Milestone__c
- Shipyard_Work_Order__c

3.2 Compliance & Safety Objects

- ComplianceRequirement__c
- Compliance_Audit__c
- Compliance_Document__c
- SOLASRegulation__c
- Safety_Incident__c
- Safety_Report__c
- EnvironmentalCompliance__c
- Vessel_Certification__c

3.3 Operations & Workforce Objects

- CrewMember__c
- Contractor__c
- TrainingRecord__c
- BackgroundCheck__c
- Dock__c
- DockAssignment__c

3.4 Vendor & Supply Chain Objects

- Vendor__c
- SupplyChainRecord__c
- Component__c
- Material_Inventory__c
- Remediation_Task__c
- MaintenanceRepairRecord__c
- LifesavingEquipment__c

3.5 Technical/Utility Objects

- CyberSecurityEvent__c

- Data_Fetch_Log__c
- Error_Log__c
- Scheduled_Job_Log__c
- Weather_Forecast__c
- Custom_API_Object__c
- Shipyard_Intel_Settings__mdt

4. Automation & Intelligence

4.1 Apex Classes

- ExternalDataService – Integrates external APIs
- ComplianceUtility – Validates regulatory requirements
- SupplyChainRecordTriggerHandler – Automates vendor and supply chain logic
- OpportunityTriggerHandler – Automates installer milestones

4.2 Triggers & Event Handling

- SupplyChainRecordTrigger – Manages vendor requirements
- SafetyIncidentTrigger – Assigns investigators automatically
- AccountGraphController – Dual-tree hierarchy for legal/operational structures

4.3 Scheduled Jobs & Logs

- FetchAndProcessRaceResultsQueueable – Demonstrates async processing
- AutomateOutstandingStatements – Automates financial statement distribution
- Error_Log__c & Scheduled_Job_Log__c – Capture execution logs and errors

5. User Roles & Permissions

- Shipyard Administrator
- Shipyard Manager
- Contractor Technician
- Fleet Manager
- Marine Engineer
- Safety Inspector

- Regulatory Auditor

6. Use Cases

- Shipbuilding & Repair Tracking
- Compliance & Safety Audits
- Environmental Compliance
- Maintenance & Repair
- Vendor & Supply Chain
- Cybersecurity Tracking
- Crew & Contractor Management
- Training & Certification

7. Screenshots & Walkthroughs

Shipyard Intel

Shipyards

All Shipyards

1 Item - Sorted by Shipyard Name - Updated a few seconds ago

☐	Shipyards	Shipyard Name	Amt...	Ann...	Capacity	Cert...	Dock Capa...	Crane Capacity	Reputation	Spe...	Status	Typ...	Year Establis...
☐	Test Shipyards	2123			200,000.00		200	4,000,000.00	Amazing		Active		2,010

Shipyard Intel

Shipintel Assets

All

14 Items - Sorted by Shipintel Asset Number - Updated a few seconds ago

☐	Shipintel Asset Number	Launch Date	Location	Record ID	Shipyard	Status	Last Modified
☐	SIA-0000	1/1/2025	Port Operations Cen...	a0DgI.00000876LbUAF	Long Beach Shipyard	Active	9/7/2025, 5:48 PM
☐	SIA-0001	1/1/2025	Port Operations Cen...	a0DgI.0000087GcoUAF	Gulf Coast Shipbuilding	Active	9/7/2025, 5:48 PM
☐	SIA-0002	1/1/2025	Port Operations Cen...	a0DgI.0000087GDUUAN	Atlantic Marine Works	Active	9/7/2025, 5:48 PM
☐	SIA-0003	1/1/2025	Port Operations Cen...	a0DgI.0000087HCHUA3	Pacific Northwest Shipyard	Active	9/7/2025, 5:48 PM
☐	SIA-0004	1/1/2025	Port Operations Cen...	a0DgI.0000087HDUUA	San Francisco Shipyard	Active	9/7/2025, 5:48 PM
☐	SIA-0005	1/1/2025	Port Operations Cen...	a0DgI.0000087BBWUAV	Portland Marine Services	Active	9/7/2025, 5:48 PM
☐	SIA-0006	1/1/2025	Port Operations Cen...	a0DgI.00000877GBUAZ	Mobile Bay Shipyard	Active	9/7/2025, 5:48 PM
☐	SIA-0007	1/1/2025	Port Operations Cen...	a0DgI.0000087HFVUA3	Seattle Shipbuilding Co	Active	9/7/2025, 5:48 PM
☐	SIA-0008	1/1/2025	Port Operations Cen...	a0DgI.0000087HH7UJAN	Portland Marine Services	Active	9/7/2025, 5:48 PM
☐	SIA-0009	1/1/2025	Port Operations Cen...	a0DgI.0000087HJUAJAN	Gulf Coast Shipbuilding	Active	9/7/2025, 5:48 PM
☐	SIA-0010	1/1/2025	Port Operations Cen...	a0DgI.0000087GGEUA3	Tacoma Marine Services	Active	9/7/2025, 5:47 PM
☐	SIA-0011	1/1/2025	Port Operations Cen...	a0DgI.0000087HKLUA3	Norfolk Naval Shipyard	Active	9/7/2025, 5:47 PM
☐	SIA-0012	1/1/2025	Port Operations Cen...	a0DgI.0000087GdUJAV	Pacific Northwest Shipyard	Active	9/7/2025, 5:47 PM
☐	SIA-0013	1/1/2025	Port Operations Cen...	a0DgI.000008767UAF	Seattle Shipbuilding Co	Active	9/7/2025, 5:03 PM

Shipyards

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Vendors

All Vendors

New

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13 Items - Sorted by Vendor Name - Updated a few seconds ago

☐	Vendor Name ↑	Contact Information	Contract Exp...	Rating	Service Types	Vendor Status
1	☐ Coastal Equipment Group	Phone: +1-555-796-2284, Email: contractor859@maritime.com	9/8/2026	Poor	Repair	Pending
2	☐ Harbor Maintenance Co	Phone: +1-555-383-1279, Email: contractor17@maritime.com	9/8/2026	Poor	Repair	Approved
3	☐ Harbor Services Inc	Phone: +1-555-389-6802, Email: contractor570@maritime.com	9/8/2027	Poor	Repair	Pending
4	☐ Marine Parts Supply	Phone: +1-555-223-9147, Email: contractor943@maritime.com	9/8/2027	Excellent	Repair	Approved
5	☐ Marine Services Group	Phone: +1-555-378-4102, Email: contractor573@maritime.com	9/8/2026	Good	Repair	Rejected
6	☐ Maritime Solutions Supply	Phone: +1-555-169-8272, Email: contractor96@maritime.com	9/8/2028	Excellent	Inspection	Rejected
7	☐ Maritime Supply Co	Phone: +1-555-422-2628, Email: contractor334@maritime.com	9/8/2028	Good	Repair	Approved
8	☐ Maritime Technology Corp	Phone: +1-555-229-1906, Email: contractor88@maritime.com	9/8/2027	Good	Maintenance	Rejected
9	☐ Ocean Engineering Supply	Phone: +1-555-665-8669, Email: contractor66@maritime.com	9/8/2026	Good	Repair	Pending
10	☐ Ocean Equipment Ltd	Phone: +1-555-524-5149, Email: contractor56@maritime.com	9/8/2028	Average	Inspection	Approved
11	☐ Port Equipment Ltd	Phone: +1-555-287-5130, Email: contractor240@maritime.com	9/8/2028	Good	Inspection	Pending
12	☐ Port Logistics Services	Phone: +1-555-676-5698, Email: contractor903@maritime.com	9/8/2028	Poor	Inspection	Pending
13	☐ test Vendor	Phone: +1-555-474-9127, Email: contractor252@maritime.com	9/8/2028	Average	Maintenance	Rejected

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Compliance Requirements

All Compliance Requirements

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25 Items - Sorted by Compliance Requirement Name - Updated a few seconds ago

☐	Compliance Requirement Na... ↑	Audit Date...	Compliance Level...	Compla...	Description	Last Reviewed Date	Next Review D...	Regulation Code...
1	☐ Classification Society Rules	9/21/2023	ComplianceRequirement Co...	Loading	ComplianceRequirement...	7/11/2024	5/6/2023	ComplianceRequirement R...
2	☐ Classification Society Rules	5/27/2025	Active	Active	Maritime compliance r...	4/2/2023	3/23/2025	Maritime ComplianceRequi...
3	☐ Environmental Regulations	2/11/2020	Active	Active	Maritime compliance r...	3/4/2021	12/9/2021	Maritime ComplianceRequi...
4	☐ Environmental Regulations	7/9/2023	ComplianceRequirement Co...	Inspection	ComplianceRequirement...	7/7/2023	9/21/2024	ComplianceRequirement R...
5	☐ Flag State Requirements	1/6/2024	ComplianceRequirement Co...	At Port	ComplianceRequirement...	10/9/2024	11/4/2024	ComplianceRequirement R...
6	☐ Flag State Requirements	10/10/2022	Active	Active	Maritime compliance r...	12/3/2024	9/5/2020	Maritime ComplianceRequi...
7	☐ IMO Safety Standards	5/29/2020	Active	Active	Maritime compliance r...	4/14/2023	6/4/2022	Maritime ComplianceRequi...
8	☐ IMO Safety Standards	11/2/2023	ComplianceRequirement Co...	Dry Dock	ComplianceRequirement...	1/4/2024	3/26/2023	ComplianceRequirement R...
9	☐ International Maritime Law	2/19/2025	Active	Active	Maritime compliance r...	1/4/2025	5/8/2020	Maritime ComplianceRequi...
10	☐ International Maritime Law	11/29/2024	ComplianceRequirement Co...	Unloading	ComplianceRequirement...	9/27/2024	1/29/2024	ComplianceRequirement R...
11	☐ ISPS Code Compliance	3/6/2024	ComplianceRequirement Co...	Under M...	ComplianceRequirement...	10/13/2024	8/29/2024	ComplianceRequirement R...
12	☐ ISPS Code Compliance							
13	☐ Maritime Security Protocol	4/26/2024	Active	Active	Maritime compliance r...	11/6/2020	6/13/2022	Maritime ComplianceRequi...
14	☐ Maritime Security Protocol	1/15/2023	ComplianceRequirement Co...	Standby	ComplianceRequirement...	5/28/2024	3/19/2024	ComplianceRequirement R...
15	☐ MARPOL Annex I							
16	☐ MARPOL Annex I	10/6/2024	ComplianceRequirement Co...	In Service	ComplianceRequirement...	9/5/2024	8/19/2024	ComplianceRequirement R...
17	☐ Port State Control	6/19/2025	Active	Active	Maritime compliance r...	2/4/2025	11/20/2024	Maritime ComplianceRequi...
18	☐ Port State Control	3/16/2023	ComplianceRequirement Co...	In Transit	ComplianceRequirement...	1/7/2024	10/19/2023	ComplianceRequirement R...
19	☐ Safety Management System	2/16/2021	Active	Active	Maritime compliance r...	2/9/2024	11/14/2023	Maritime ComplianceRequi...
20	☐ Safety Management System	10/9/2023	ComplianceRequirement Co...	Repair	ComplianceRequirement...	11/16/2024	8/25/2023	ComplianceRequirement R...
21	☐ SOLAS Chapter II-1							
22	☐ SOLAS Chapter II-1	7/27/2023	ComplianceRequirement Co...	Active	ComplianceRequirement...	9/28/2024	6/10/2024	ComplianceRequirement R...
23	☐ STCW Convention	8/23/2024	ComplianceRequirement Co...	Operatio...	ComplianceRequirement...	1/24/2024	10/8/2023	ComplianceRequirement R...
24	☐ STCW Convention							
25	☐ test ComplianceRequirement							

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Components

All Components

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25 Items - Sorted by Component Name - Updated a few seconds ago

☐	Component Name ↑	Installat...	Maintenance Schedule	Manufacturer	Status	Supporting Operations	Type
1	☐ Anchor Chain	3/25/2021	Maritime Component Value	Maritime Component Value	Active	Maritime Component Value	Type A
2	☐ Anchor Chain	4/25/2024	Component MaintenanceSchedule 12	Component Manufacturer 12	Standby	Component SupportingOperations 12	RoRo Ship
3	☐ Compressor Unit	5/30/2023	Maritime Component Value	Maritime Component Value	Active	Maritime Component Value	Type B
4	☐ Compressor Unit	5/15/2023	Component MaintenanceSchedule 9	Component Manufacturer 9	Unloading	Component SupportingOperations 9	Research Ship
5	☐ Cooling System	2/24/2023	Component MaintenanceSchedule 6	Component Manufacturer 6	In Transit	Component SupportingOperations 6	Ferry
6	☐ Cooling System	2/2/2021	Maritime Component Value	Maritime Component Value	Active	Maritime Component Value	Standard
7	☐ Electrical Panel	12/3/2024	Component MaintenanceSchedule 7	Component Manufacturer 7	At Port	Component SupportingOperations 7	Tugboat
8	☐ Electrical Panel	3/16/2024	Maritime Component Value	Maritime Component Value	Active	Maritime Component Value	Type B
9	☐ Fuel Pump Assembly	8/12/2024	Component MaintenanceSchedule 5	Component Manufacturer 5	Dry Dock	Component SupportingOperations 5	Passenger Ship
10	☐ Fuel Pump Assembly	7/12/2021	Maritime Component Value	Maritime Component Value	Active	Maritime Component Value	Type A
11	☐ Generator Set	7/28/2024	Component MaintenanceSchedule 10	Component Manufacturer 10	Inspection	Component SupportingOperations 10	Icebreaker
12	☐ Generator Set	7/2/2023	Maritime Component Value	Maritime Component Value	Active	Maritime Component Value	Type A
13	☐ Hydraulic Cylinder	11/8/2024	Maritime Component Value	Maritime Component Value	Active	Maritime Component Value	Type A
14	☐ Hydraulic Cylinder	12/15/2023	Component MaintenanceSchedule 8	Component Manufacturer 8	Loading	Component SupportingOperations 8	Supply Vessel
15	☐ Main Engine Block						
16	☐ Main Engine Block	4/1/2023	Component MaintenanceSchedule 1	Component Manufacturer 1	Active	Component SupportingOperations 1	Cargo Ship
17	☐ Navigation Radar						
18	☐ Navigation Radar	12/17/2023	Component MaintenanceSchedule 3	Component Manufacturer 3	Operational	Component SupportingOperations 3	Container Ship
19	☐ Propeller Shaft	8/7/2024	Component MaintenanceSchedule 2	Component Manufacturer 2	In Service	Component SupportingOperations 2	Tanker
20	☐ Propeller Shaft						
21	☐ Steering Gear						
22	☐ Steering Gear	5/17/2024	Component MaintenanceSchedule 4	Component Manufacturer 4	Under Maintenance	Component SupportingOperations 4	Bulk Carrier
23	☐ test Component						
24	☐ Winch Motor	10/30/2022	Maritime Component Value	Maritime Component Value	Active	Maritime Component Value	Type A
25	☐ Winch Motor	8/23/2024	Component MaintenanceSchedule 11	Component Manufacturer 11	Repair	Component SupportingOperations 11	LNG Carrier

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Background Checks

all

New

Import

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20 Items - Sorted by Background Check Number - Updated a few seconds ago

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☐	Background Check Number ↑	Contractor	Date ↑	Description	Person	Result
1	BGC-000005	Coastal Services Group	4/17/2023	MV Chesapeake Bay - Third Officer	Maritime BackgroundCheck Value	Employment History: VERIFIED, I
2	BGC-000006	test Contractor	9/9/2023	SS San Francisco - Cook	Maritime BackgroundCheck Value	Training Certification: VALID, Tec
3	BGC-000007	Coastal Services Group	12/10/2022	MV Gulf Stream - Cook	Maritime BackgroundCheck Value	Financial Check: 92/100
4	BGC-000008	test Contractor	1/17/2023	SS Long Beach - Deck Cadet	Maritime BackgroundCheck Value	Psychological Assessment: PASS
5	BGC-000009	Port Authority Services	1/20/2025	MV Seattle Navigator - First Officer	Maritime BackgroundCheck Value	Technical Skills: 94/100, Medical
6	BGC-000010	Port Authority Services	10/19/2020	SS Mobile Bay - Electrician	Maritime BackgroundCheck Value	Technical Skills: 94/100, Training
7	BGC-000011	Coastal Services Group	9/21/2020	SS Pacific Voyager - Second Officer	Maritime BackgroundCheck Value	Security Clearance: 95/100, Trai
8	BGC-000012	Offshore Engineering Ltd	2/5/2023	SS Long Beach - Second Officer	Maritime BackgroundCheck Value	Criminal Background: PASS, Em
9	BGC-000013	Ocean Engineering Group	9/11/2024	MV Seattle Navigator - Bosun	BackgroundCheck Person 1	Reference Check: 68/100, Empl
10	BGC-000014	Port Authority Services	3/18/2024	MV Chesapeake Bay - Cargo Supervisor	BackgroundCheck Person 2	Training Certification: VALID, Em
11	BGC-000015	Deep Sea Operations	8/1/2023	SS San Francisco - Security Officer	BackgroundCheck Person 3	Medical Fitness: APPROVED, Lee
12	BGC-000016	Ocean Engineering Group	10/7/2024	SS Mobile Bay - Second Mate	BackgroundCheck Person 4	License Verification: CONFIRME
13	BGC-000017	Ocean Engineering Group	10/18/2024	MV Chesapeake Bay - Cook	BackgroundCheck Person 5	Emergency Response: 91/100, Li
14	BGC-000018	Ocean Engineering Group	3/31/2024	MV Pacific Star - Security Officer	BackgroundCheck Person 6	Technical Skills: 94/100, Leaders
15	BGC-000019	Port Authority Services	4/7/2023	MV Tampa Bay - Quality Officer	BackgroundCheck Person 7	License Verification: CONFIRME
16	BGC-000020	Deep Sea Operations	3/22/2023	MV Chesapeake Bay - Deck Cadet	BackgroundCheck Person 8	Reference Check: 88/100, Crimi
17	BGC-000021	Port Authority Services	10/27/2024	MV Gulf Stream - Chief Steward	BackgroundCheck Person 9	Medical Fitness: APPROVED, Lar
18	BGC-000022	Marine Logistics Inc	11/1/2023	SS San Francisco - Quality Officer	BackgroundCheck Person 10	Language Proficiency: 90/100, P
19	BGC-000023	Marine Construction Co	1/17/2023	SS Portland Trader - Chief Steward	BackgroundCheck Person 11	Criminal Background: PASS, Mex
20	BGC-000024	Harbor Services LLC	9/1/2023	SS Portland Trader - Second Officer	BackgroundCheck Person 12	Criminal Background: PASS, Fin

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Contractors

All Contractors

New

Import

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13 Items - Sorted by Contractor Name - Updated a few seconds ago

Q Search this list...

☐	Contractor Name ↑	Backgro...	Certification Sta...	Contact Information	Specialty
1	Coastal Marine Contractors	Passed	Certified	Phone: +1-555-694-9466, Email: contractor828@maritime.com	Maintenance
2	Coastal Services Group	Failed	Not Certified	Phone: +1-555-742-9216, Email: contractor160@maritime.com	Maintenance
3	Deep Sea Operations	Passed	In Progress	Phone: +1-555-513-7368, Email: contractor896@maritime.com	Equipment Supply
4	Harbor Maintenance Corp	Passed	In Progress	Phone: +1-555-224-2488, Email: contractor806@maritime.com	Maintenance
5	Harbor Services LLC	Failed	Not Certified	Phone: +1-555-533-9109, Email: contractor391@maritime.com	Marine Services
6	Marine Construction Co	Failed	Not Certified	Phone: +1-555-576-3877, Email: contractor564@maritime.com	Maintenance
7	Marine Logistics Inc	Failed	Not Certified	Phone: +1-555-458-6103, Email: contractor647@maritime.com	Marine Services
8	Maritime Solutions Inc	Failed	Certified	Phone: +1-555-380-5635, Email: contractor248@maritime.com	Maintenance
9	Ocean Engineering Group	Passed	In Progress	Phone: +1-555-739-9990, Email: contractor436@maritime.com	Consulting
10	Offshore Engineering Ltd	Passed	Certified	Phone: +1-555-283-8747, Email: contractor645@maritime.com	Maintenance
11	Port Authority Services	Failed	Not Certified	Phone: +1-555-407-7705, Email: contractor240@maritime.com	Consulting
12	Port Operations LLC	Failed	In Progress	Phone: +1-555-257-1360, Email: contractor916@maritime.com	Equipment Supply
13	test Contractor	Passed	Not Certified	Phone: +1-555-941-9574, Email: contractor604@maritime.com	Consulting

8. Subscription Tiers

- See Salesforce App Exchange Listing for Pricing