



Σπανέας Δημήτριος – Ευσταθίου Μαρίνα  
Αναφορά σε ναυτιλιακά προγράμματα των εταιρειών  
DANAOS, ABS, DNV και Ulysses Systems

# Αναφορά σε ναυτιλιακά προγράμματα των εταιρειών DANAOS, ABS, DNV και Ulysses Systems

Εργασία στο μάθημα Ναυτιλιακή Πληροφορική – Maritime Information Systems (ΜΠ16-INF5155)

Σπανέας Δημήτριος  
Ευσταθίου Μαρίνα



Επιβλέπων  
Ιωάννης Φιλιππόπουλος



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## Danaos Web Enterprise Suite

# **danaos**

**FINANCIAL SUITE**

**COMMERCIAL SUITE**

**SHIP MANAGEMENT SUITE**



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## FINANCIAL SUITE



Marine Accounting & MIS

Budgeting System

Payments Module

Exchange Rates

Greek Accounting

Fixed Assets

Bunker Trading Financials

Financial Document Controller

Marine Claims Manager



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## COMMERCIAL SUITE



Voyage/Cargo/Vessel Operations

Telegrams Report

Vessel Scheduling

Voyage Estimation /  
Chartering

Port Expenses (DAs)

Freight n Hire  
Collection

Laytime / Demurrage Calculator

Bunkering Management System

SEEMP / MRV



# Voyage/Cargo/Vessel Operations



- Vessel Scheduling
- Events Scheduling
- Cargo Scheduling
- Vessel & Voyage Performance
- Charter Party Compliance
- Position Lists
- Map Movement – Position
- Owners / Charterers Contracts
- Cargoes / Ports History
- Voyage Results Actual vs Estimate
- Bunkers FIFO Calculation
- Vessel Report Viewer
- Sublet Monitoring
- Off Hire Management
- COA Management
- Voyage Instructions
- Correspondences with Masters





# Voyage Estimation / Chartering



- Evaluation and Analysis
- Negotiation
- Fixture
- Vessel Nomination
- Cargo Nomination(COA)
- Multiple Cargoes
- Hire in / Voyage in Calculation
- Round Voyage calculation
- Optimum Speed
- Laytime calculation
- Quick Voyage Estimation
- Combine Voyage Estimates
- Voyests Group Comparison
- Fully Load Cargoes
- Auto Stem Bunkers
- Optimize Loading Bunkering
- BP, Netpas and Danaos Distances/ Routing/Map
- Voyests Options Comparison
- Historical data retrieval
- COA Management



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## SHIP MANAGEMENT SUITE



Human Resources / Crew Management

Safety/Quality Management

Technical Management

Synchronization

Barcode



# Technical Management (Main Features) 1



## PLANNING

- Flexible Specification
- Library of Equipment with job schedules
- Job Status reporting
- Condition based maintenance
- Alert Notifications

## CLASS

- Survey Status
- Survey associated job reporting
- Integration Maintenance with Class Surveys
- Maintenance History
- Recommendation Follow Up
- CMS

## SPARES

- Spares Usage and inventory
- Automatic Requisition Generator
- Spares future prediction
- Job Performance Analysis
- Repair costs follow up





# Technical Management (Main Features) 2



## TECHNICAL MANAGEMENT

- Docking Repair Planner
- Job Performance Analysis
- Budget Control
- Personnel Evaluation
- Overdue Maintenance Follow Up
- Critical Equipment Monitoring
- Engine Log Abstract Reporting

## VESSEL

- Follow-up of jobs and surveys
- Spares requisitions
- Planning
- Rescheduling
- Reporting to office



# Technical Management (Main Features) 3



## SAFETY EQUIPMENT INSPECTIONS MONITORING

- Life Rafts
- Life Boats
- Fixed Fire Fighting System
- Portable Fire Extinguishers
- Pyrotechnics
- Life Saving Items
- Onboard Safety Tests / Inspections
- Gas Meters
- Onboard Drills
- Embarkation Ladders
- Life Jackets & Immersion Suits (IMM Suits)
- Flag and Shapes
- Breathing Apparatus & Associate Equipment
- Fire Main & Equipments / F.F.A
- Antipollution Equipments
- ISPS Items
- Defibrillators



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## ABS SOFTWARE: NAUTICAL SYSTEMS FLEET MANAGEMENT



Maintenance Manager

Purchasing Manager

Drydock Manager

Hull Manager

NS Voyage Manager

Vetting Manager

Crew & Payroll Manager

HSQE Manager

NS Cloud



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## DNV-GL (DET NORSKE VERITAS AND GERMANISCHER LLOYD – CLASSIFICATION SOCIETY) SOFTWARE FOR SHIP MANAGEMENT, OPERATIONS AND SHIP DESIGN



SHIPMANAGER

NAVIGATOR



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## SHIPMANAGER



ShipManager Technical

ShipManager Procurement

ShipManager QHSE

ShipManager Crewing

ShipManager Projects

ShipManager Hull

ShipManager Survey Simulator

ShipManager Analyzer





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## NAVIGATOR



NAVIGATOR PORT

NAVIGATOR INSIGHT



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## The full suite of Ulysses Systems Task Assistant® Shipping Solutions



Shipping Solutions

Task Assistant® Shipping  
Solutions for Purchasing

Data Warehouse

Task Assistant® Shipping  
Solutions for Meals and  
Beddings

Safety and Quality

Task Assistant® Shipping  
Solutions for Crewing

Task Assistant® Shipping  
Solutions for Certificates  
Management

TaskAssistant® Reporting  
Module (TARM)

Task Assistant® Shipping Solutions  
for Planned Maintenance  
Ship Energy Efficiency Management  
Plan (SEEMP) Management

Task Assistant® Shipping  
Solutions for Certificates  
Management



# TaskAssistant® Reporting Module (TARM)



## Noon Report

- Noon Position
- Daily Consumptions
- Daily ROBs
- Main Engine Details and Temperatures
- Main Engine Pressures
- Main Engine Turbocharger Details and Temperatures
- Auxiliary Engine Details and Temperatures

## Arrival Report

- Arrival Information
- Voyage Data
- Arrival ROBs
- Total Consumptions
- Arrival Calculated Consumptions
- Arrival Daily Consumptions.
- Arrival Stoppages
- Arrival Special Requirements

## Departure Report

- Departure Information
- Charter Party
- ROBs
- Load Discharging Details
- Crude Oil Washing Time
- Steaming Time
- Anchoring Time



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**Ευχαριστούμε!**

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