Best Practices – Crewing

Nadia Marwitz

9/11/2024

Presented by

ABS WAVESIGHT™

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Nadia Marwitz

Manager, Senior Program

Nadia is managing the consulting team in EMEA and APAC.

She has 20+ years of experience in the software industry of which 20 in the maritime industry.

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Best Practices – Crewing

Recent Enhancements	13:30 – 13:45
Position Requirements	13:45 – 14:00
CWRH NSE	14:00 – 14:15
Travel Management	14:15 – 14:30
Screen Customization	14:30 – 14:45
Crew Matrix	14:45 – 14:50
Q & A	14:50 – 15:00

6.5.31 Enhancements

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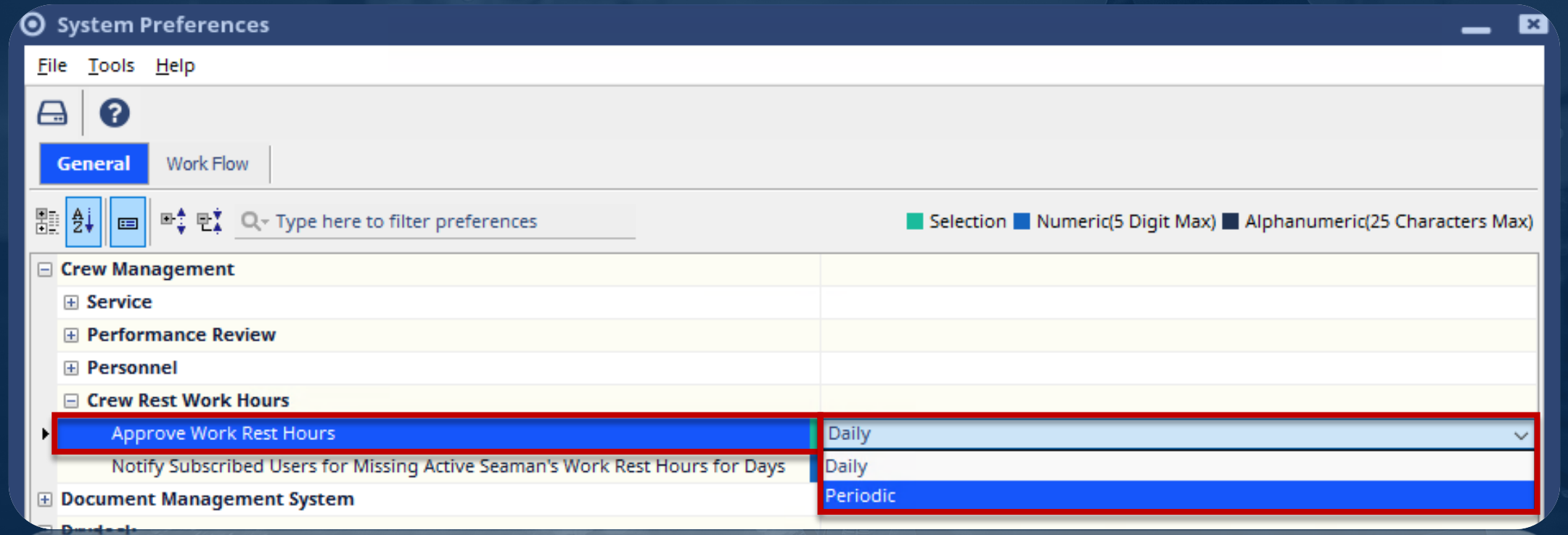
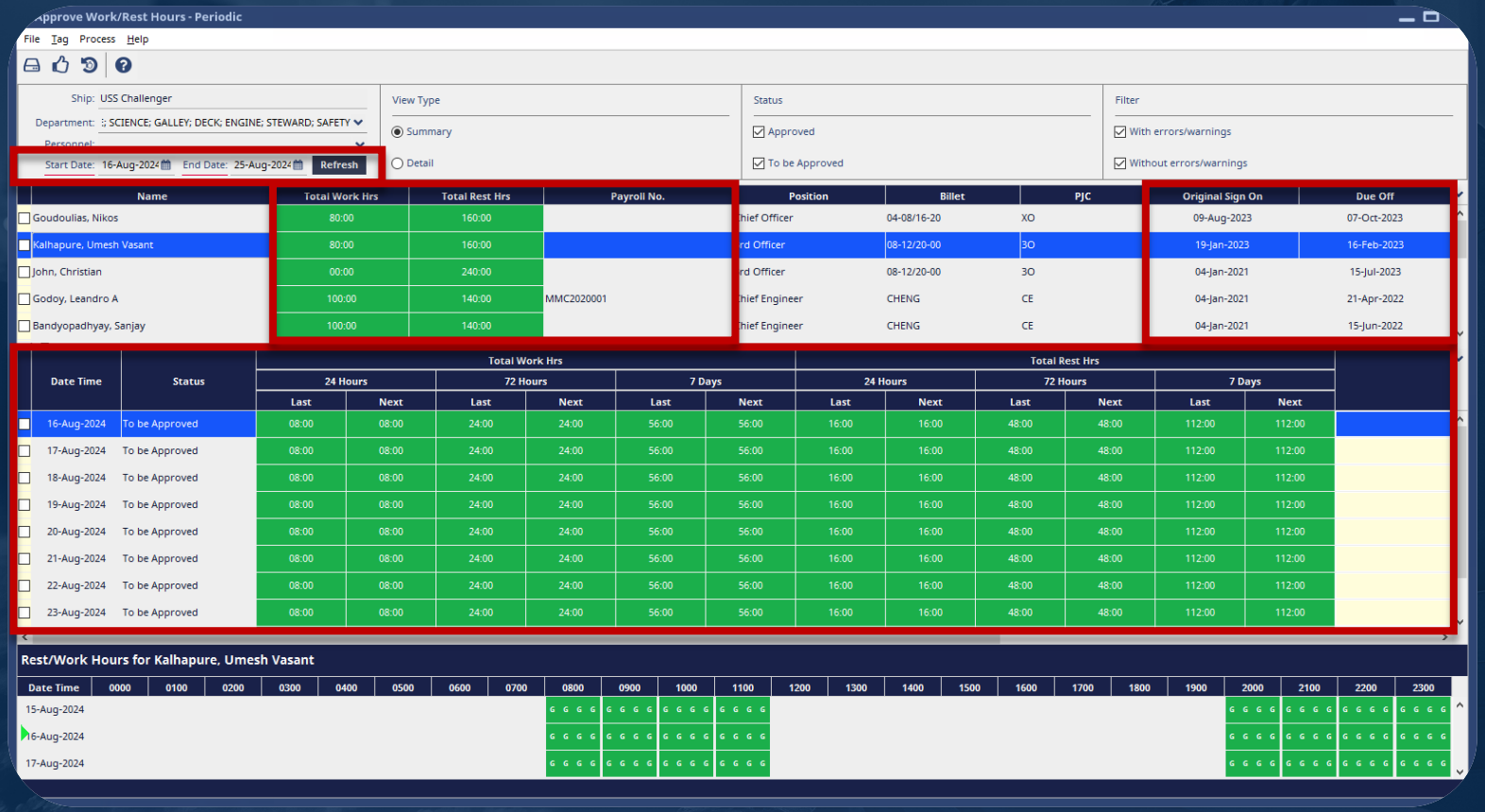
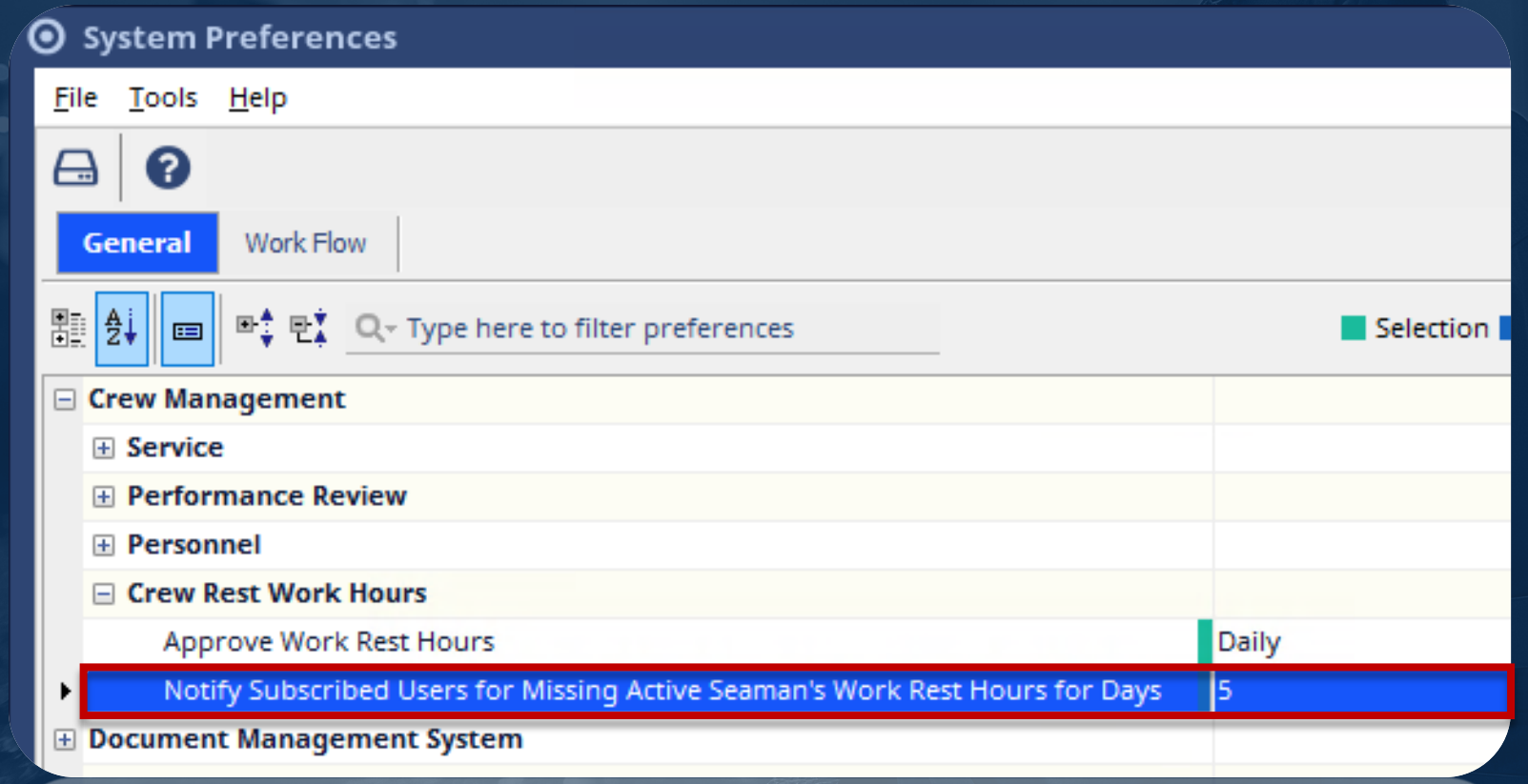
6.5.31: CRWH – Periodical Approval for multiple days at a time



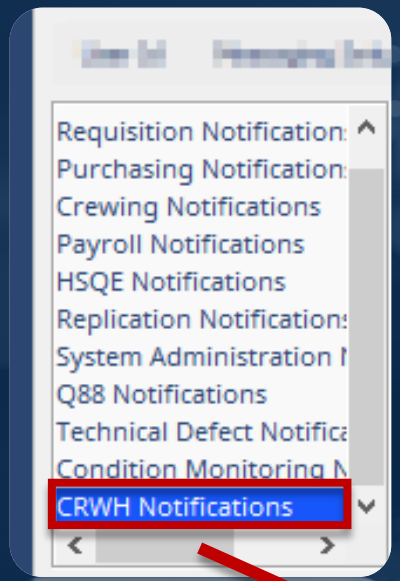
6.5.31: CRWH – Periodical approval for multiple days at a time

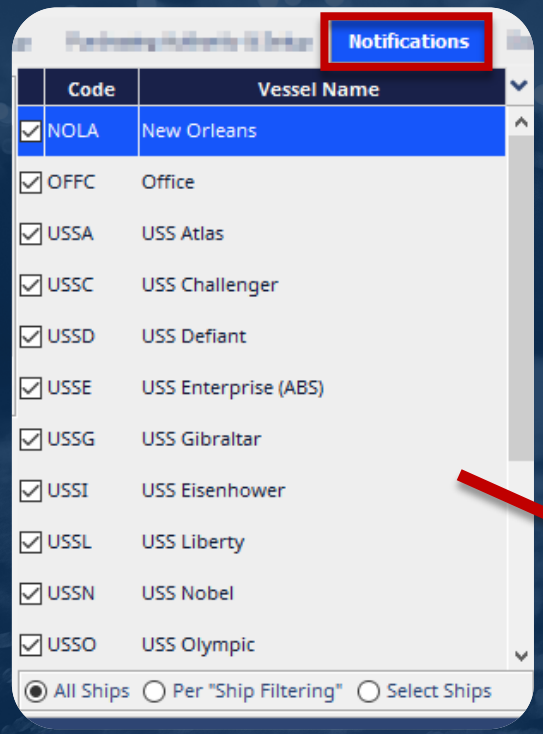


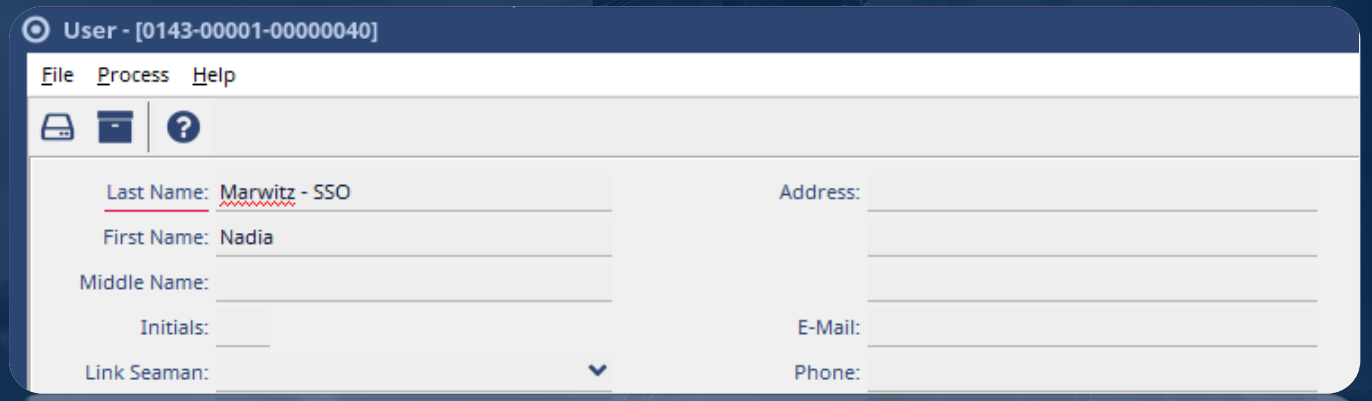
6.5.31: User – New Notification for missing Crew Rest Work Hours

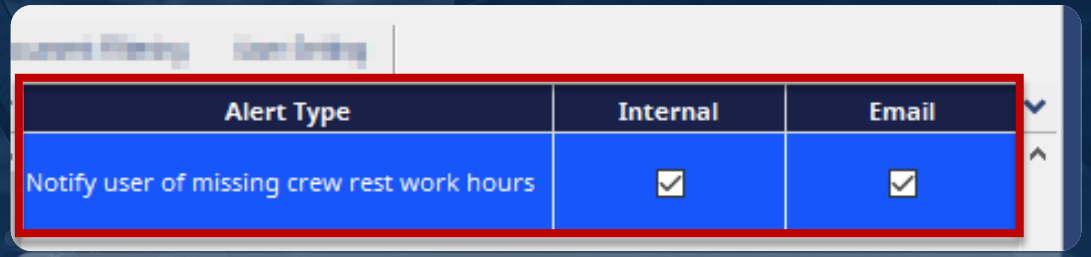


6.5.31: User – New Notification for missing Crew Rest Work Hours









6.5.32 Enhancements

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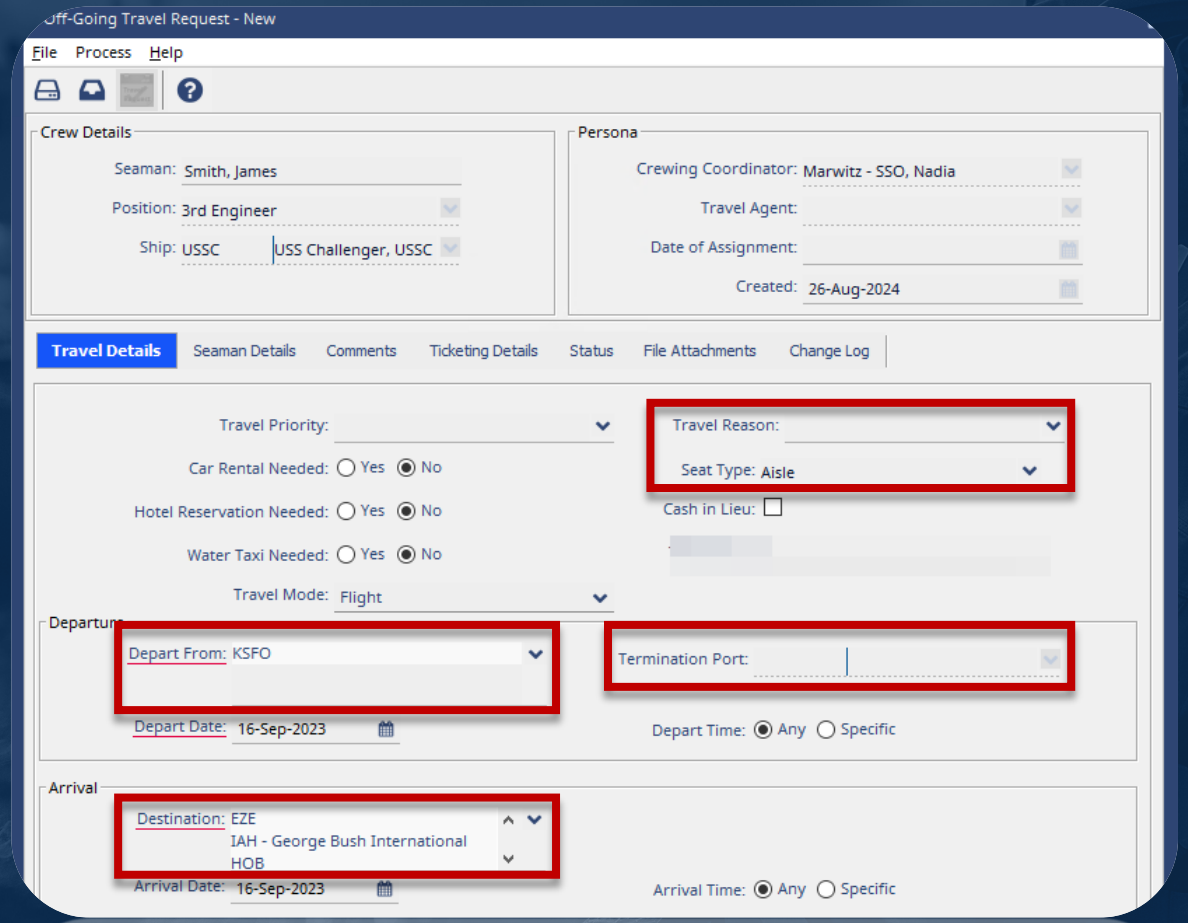
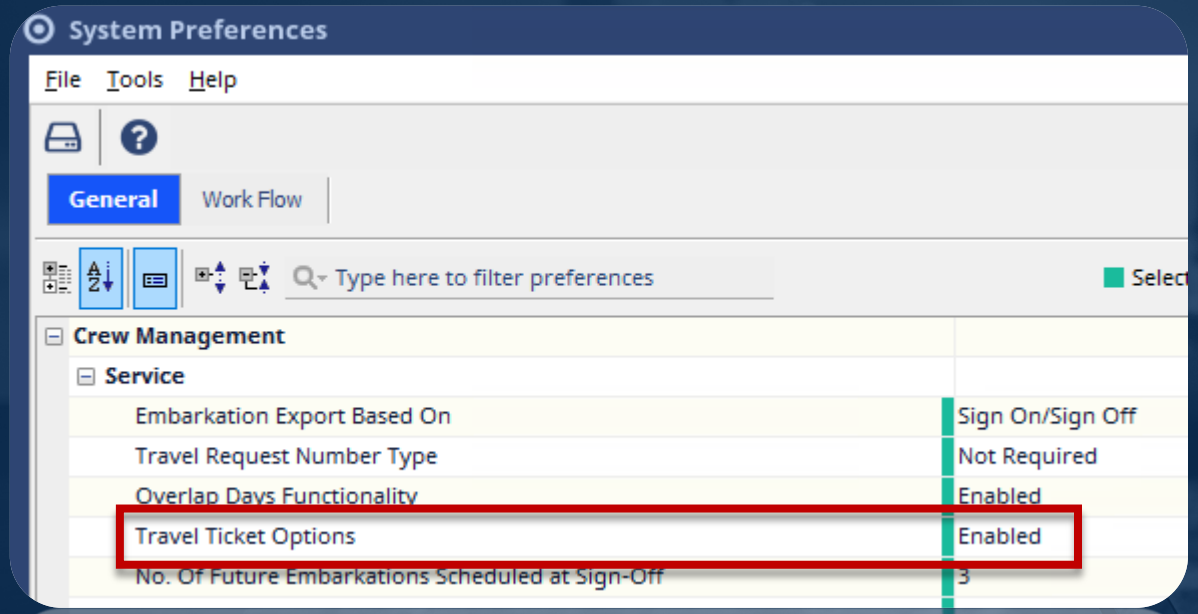
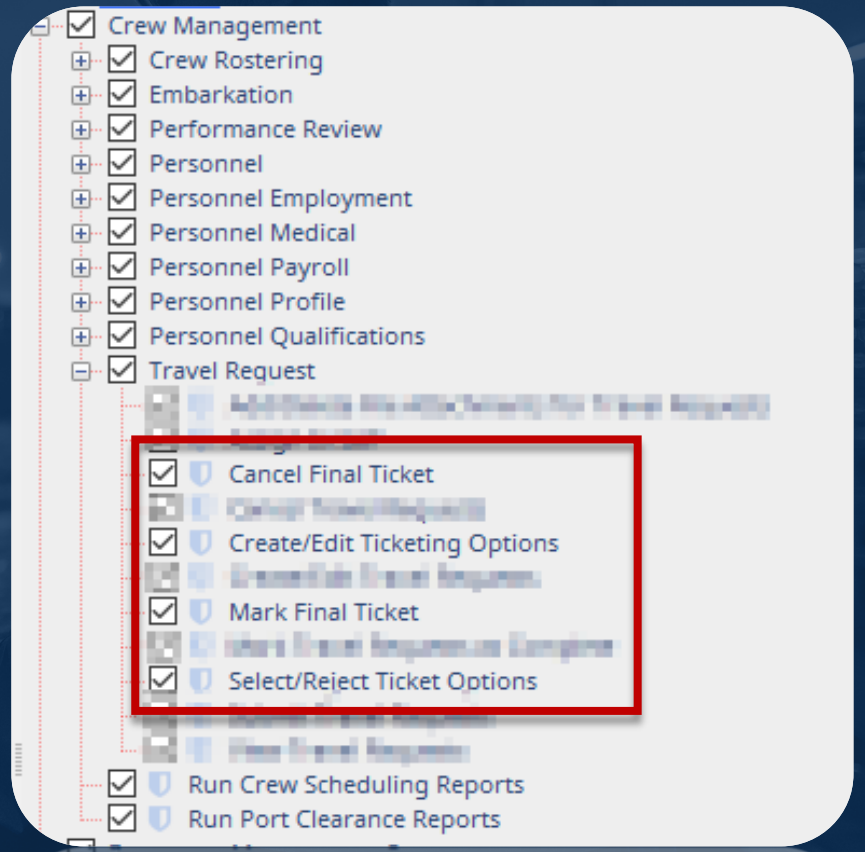
6.5.32: Travel Request – Added new fields

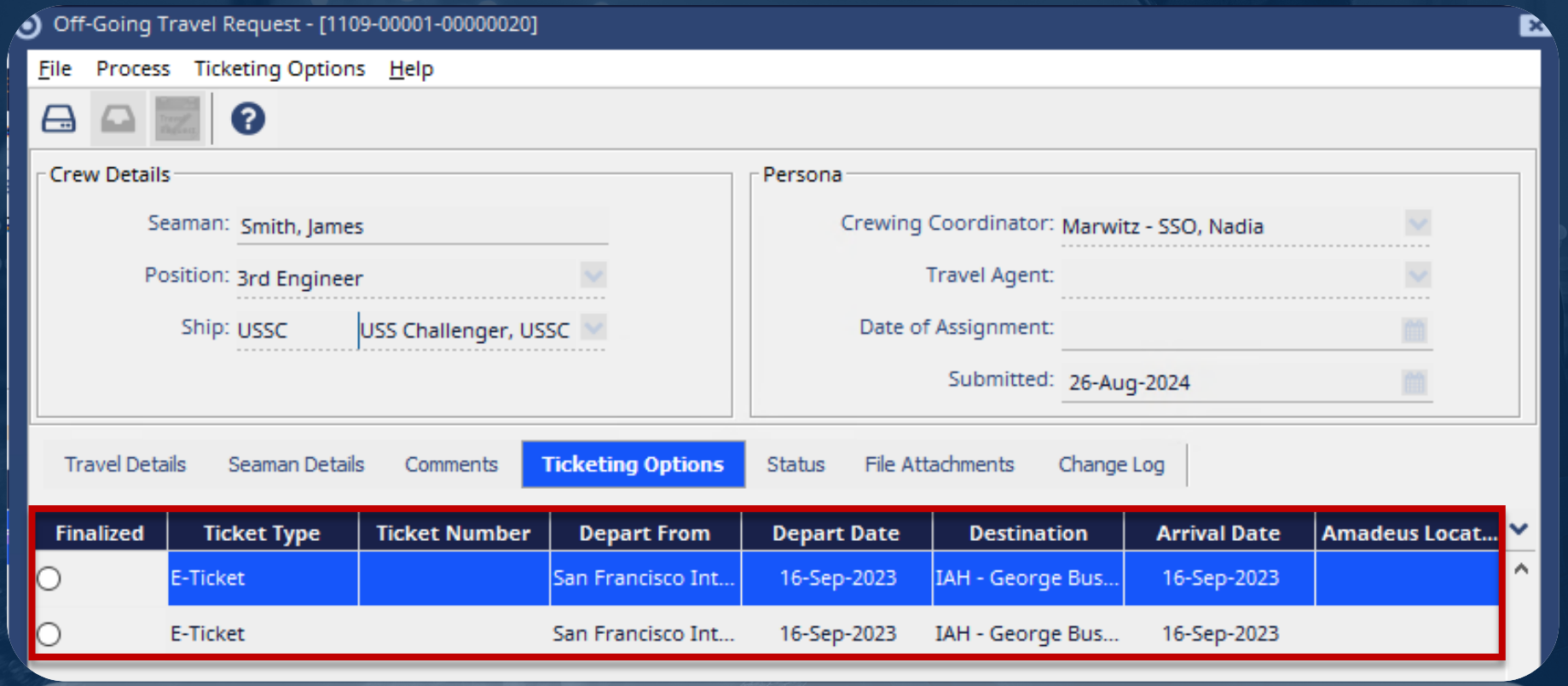


6.5.32: Travel Request – Added multiple Ticket Option

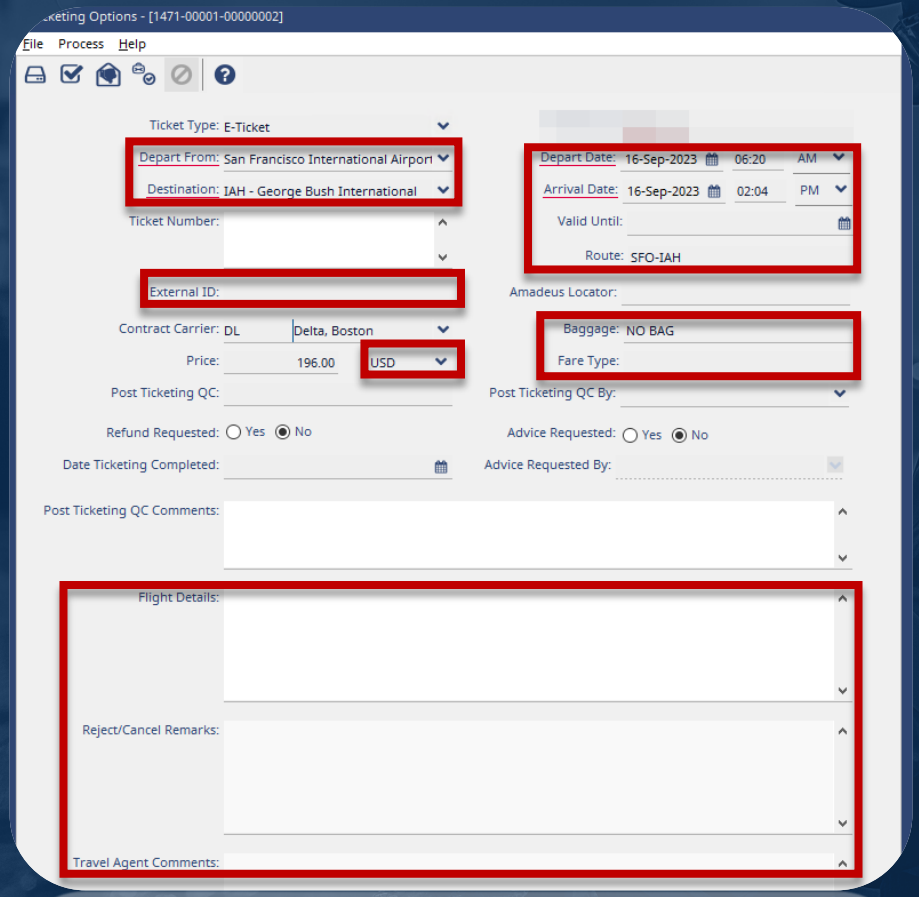




6.5.32: Travel Request – Added multiple Ticket Option



6.5.32: Travel Request – Added multiple Ticket Option



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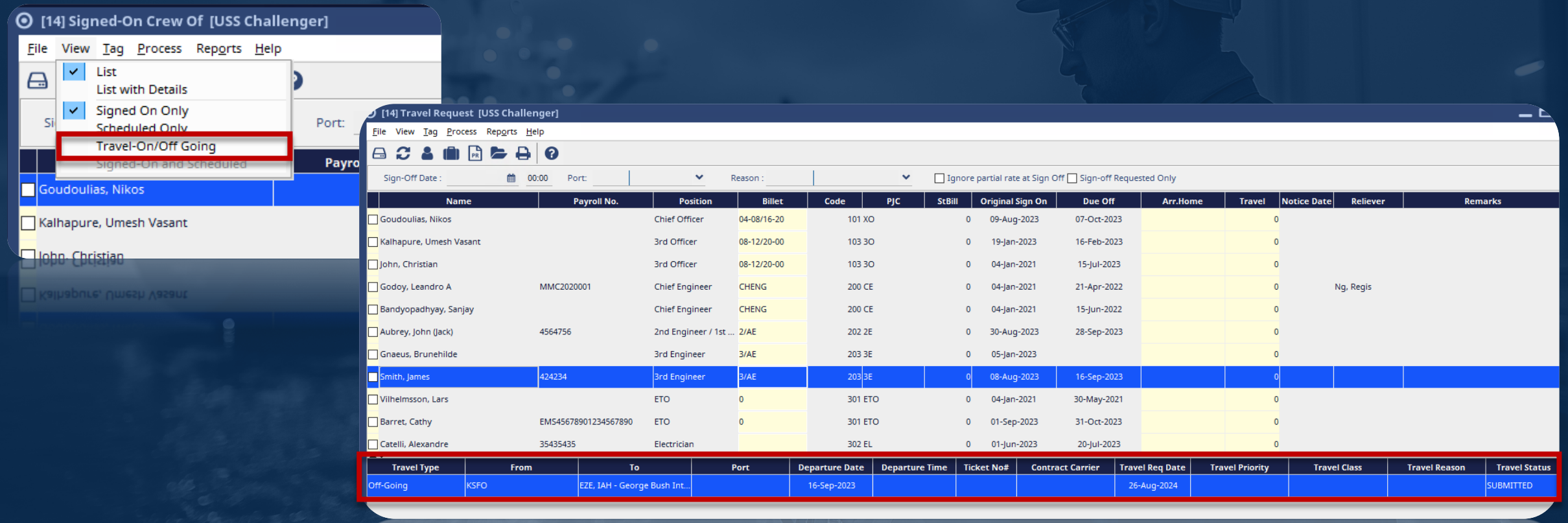
6.5.32: Crew List– Travel-On/Off Going View



6.5.32: Travel Interface – New Interface for Integration with Travel Agents

6.5.32: Travel Interface – New Interface for Integration with Travel Agents

1. **Travel Request Export** from NSE to Travel Agent (XML or JSON)
   - Exporting Travel Request details so that Travel Agents can work on the travel options.
   - Export is triggered up on Submitting the Request. Changes and Cancellation are interfaced too.
2. **Ticket Option Import** to NSE to Travel Agent (XML or JSON)
   - Accepting one or more Ticketing Options from Travel Agents.
   - Ticket Option cancellations are imported too.
   - Final Ticket is imported after it has been issued.
3. **Ticket Selection Export** from NSE to Travel Agent (XML or JSON)
   - Ticket Option Selection, Rejection and Cancellation are exported from NSE.

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6.5.32: Travel Interface – Travel Request Export

travel_request.xml

```xml
<?xml version="1.0" encoding="UTF-16" standalone="yes"?>
<NS5InterfaceExport>
    <CreatedOn>20240123</CreatedOn>
    <AppVersion>6.5.32</AppVersion>
    <DBVersion>6.5.32</DBVersion>
    <SiteID>1</SiteID>
    <DBID>1</DBID>
    <TravelRequest>
        <TravelRequestID/>
        <TravelRequestNo/>
        <RequestType/>
        <ShipCode/>
        <ShipNo/>
        <ShipName/>
        <FirstName/>
        <MiddleName/>
        <LastName/>
        <PayrollNo/>
        <PJC/>
        <PosTitleAbbrev/>
        <DOB/>
        <Nationality/>
        <Gender/>
        <Priority/>
        <TravelReason/>
        <CarRental/>
        <HotelReservation/>
        <WaterTaxi/>
        <CashInLieu/>
        <MarinerDrivingCar/>
        <TravelMode/>
        <SeatType/>
        <TicketClass/>
        <Status/>
        <BillToCompany>
        <Department/>
        <AccountNo/>
        <Departure>
        <Arrival>
        <CrewChangePort/>
        <CrewChangePortCode/>
        <CrewCoordinatorComments/>
        <TravelAgentComments/>
        <Hidden/>
        <PortAgent>
        <Attachments>
        <PassportDetails>
    </TravelRequest>
</NS5InterfaceExport>
```

travel_request.json

```json
{
  "travelRequest": [
    {
      "travelRequestID": 10000001,
      "travelRequestNo": "1234ABCD",
      "requestType": "Off-Going",
      "shipCode": "NRB",
      "shipNo": "101",
      "shipName": "MV NORTHERN BAY",
      "firstName": "XYZ",
      "middleName": "LMN",
      "lastName": "aBC",
      "payrollNo": "0000002",
      "pjc": "M1",
      "posTitleAbbrev": "MAS",
      "dob": "1998-07-11",
      "nationality": "Indian",
      "gender": "M",
      "priority": "High",
      "travelReason": "Onboarding",
      "carRental": 1,
      "hotelReservation": 1,
      "waterTaxi": 0,
      "cashInLieu": 0,
      "marinerDrivingCar": 0,
      "travelMode": "Flight",
      "seatType": "Seat Type 1",
      "ticketClass": "Business",
      "status": "CANCELLED",
      "billToCompany": {
      "department": "Deck",
      "accountNo": "8010",
      "crewChangePort": "",
      "crewChangePortCode": "",
      "crewCoordinatorComments": "",
      "travelAgentComments": "",
      "hidden": 0,
      "departure": {
      "arrival": {
      "portAgent": {
      "attachments": {
      "passportDetails": {
    }
  ]
}
```

6.5.32: Travel Interface – Travel Option Import

ticket_option.xml

```xml
<?xml version="1.0" encoding="UTF-16" standalone="yes"?>
<NS5InterfaceImport AppVersion="6.5.32" CreatedOn="20240123" DBID="1" DBVersion="6.5.32" SiteID="1">
    <TicketOptions>
        <TicketOption>
            <TravelRequestID>100000001</TravelRequestID>
            <TravelRequestNo>1234567</TravelRequestNo>
            <ExternalOptionID>1000ABC</ExternalOptionID>
            <TicketNo>ABCD1234</TicketNo>
            <TicketType>Type A</TicketType>
            <TicketClass>Economy</TicketClass>
            <Departure>
                <DepartFromAirport>Pune</DepartFromAirport>
                <DepartFromAirportCode>PNQ</DepartFromAirportCode>
                <DepartFromOther>Other</DepartFromOther>
                <DepartDate>20240111</DepartDate>
                <DepartTime>14:00</DepartTime>
            </Departure>
            <Arrival>
                <DestinationAirport>Bangalore</DestinationAirport>
                <DestinationAirportCode>BLR</DestinationAirportCode>
                <DestinationOther>other</DestinationOther>
                <ArrivalDate>20240113</ArrivalDate>
                <ArrivalTime>21:30</ArrivalTime>
            </Arrival>
            <ContractCarrierName>ABC Carrier</ContractCarrierName>
            <ContractCarrierCode>ABC</ContractCarrierCode>
            <AmadeusLocator>RMT33W</AmadeusLocator>
            <Price>25.50</Price>
            <Currency>USD</Currency>
            <CurrencyAbbr>USD</CurrencyAbbr>
            <Baggage/>
            <FlightDetails>Details of the Flight Legs</FlightDetails>
            <TravelAgentComments/>
            <TravelRoute>PNQ-NGP-BLR</TravelRoute>
            <FareType>Normal</FareType>
            <ValidUntil>20240131</ValidUntil>
            <TicketOptionStatus>CANCELLED</TicketOptionStatus>
            <ReasonForRejection></ReasonForRejection>
            <ReasonForCancellation>Change of priorities</ReasonForCancellation>
            <Finalized>1</Finalized>
            <Attachments>
        </TicketOption>
    </TicketOptions>
</NS5InterfaceImport>
```

ticket_option.json

```json
{
  "ticketOptions": {
    "ticketOption": [
      {
        "travelRequestId": 100000001,
        "travelRequestNo": "1234567",
        "externalOptionId": "1000ABC",
        "ticketNo": "ABCD1234",
        "ticketType": "Type A",
        "ticketClass": "Economy",
        "departure": {
          "departFromAirport": "Pune",
          "departFromAirportCode": "PNQ",
          "departFromOther":"other",
          "departDate": "2024-01-11",
          "departTime": "14:00"
        },
        "arrival": {
          "destinationAirport": "Bangalore",
          "destinationAirportCode": "BLR",
          "destinationOther" : "other",
          "arrivalDate": "2024-01-13",
          "arrivalTime": "21:30"
        },
        "contractCarrierName": "ABC Carrier",
        "contractCarrierCode": "ABC",
        "amadeusLocator": "RMT33W",
        "price": 25.50,
        "currency": "USD",
        "currencyAbbr": "HKD",
        "baggage": "",
        "flightDetails": "Details of the Flight Legs",
        "travelAgentComments": "",
        "travelRoute": "PNQ-NGP-BLR",
        "fareType": "Normal",
        "validUntil": "2024-01-31",
        "ticketOptionStatus" : "",
        "reasonForRejection" : "",
        "reasonForCancellation" : "",
        "finalized": 0,
        "attachments": {
      }
    ]
  }
}
```

6.5.32: Travel Interface – Travel Option Export

ticket_option.xml

```xml
<?xml version="1.0" encoding="UTF-16" standalone="yes"?>
<NS5InterfaceExport AppVersion="6.5.32" CreatedOn="20240123" DBID="1" DBVersion="6.5.32" SiteID="1">
    <TicketOptions>
        <TicketOption>
            <TravelRequestID>100000001</TravelRequestID>
            <TravelRequestNo>1234567</TravelRequestNo>
            <ExternalOptionID>1000ABC</ExternalOptionID>
            <TicketNo>ABCD1234</TicketNo>
            <TicketType>Type A</TicketType>
            <TicketClass>Economy</TicketClass>
            <Departure>
                <DepartFromAirport>Pune</DepartFromAirport>
                <DepartFromAirportCode>PNQ</DepartFromAirportCode>
                <DepartFromOther/>
                <DepartDate>20240111</DepartDate>
                <DepartTime>14:00</DepartTime>
            </Departure>
            <Arrival>
                <DestinationAirport>Bangalore</DestinationAirport>
                <DestinationAirportCode>BLR</DestinationAirportCode>
                <DestinationOther/>
                <ArrivalDate>20240113</ArrivalDate>
                <ArrivalTime>21:30</ArrivalTime>
            </Arrival>
            <ContractCarrierName>ABC Carrier</ContractCarrierName>
            <ContractCarrierCode>ABC</ContractCarrierCode>
            <AmadeusLocator>RMT33W</AmadeusLocator>
            <Price>25.50</Price>
            <Currency>US DOLLAR</Currency>
            <CurrencyAbbr>USD</CurrencyAbbr>
            <Baggage/>
            <FlightDetails>Details of the Flight Legs</FlightDetails>
            <TravelAgentComments/>
            <TravelRoute>PNQ-NGP-BLR</TravelRoute>
            <FareType>Normal</FareType>
            <ValidUntil>20240131</ValidUntil>
            <TicketOptionStatus>CANCELLED</TicketOptionStatus>
            <ReasonForRejection></ReasonForRejection>
            <ReasonForCancellation>Change of priorities</ReasonForCancellation>
            <Finalized>1</Finalized>
        </TicketOption>
    </TicketOptions>
</NS5InterfaceExport>
```

ticket_option.json

```json
{
  "ticketOptions": {
    "ticketOption": [
      {
        "travelRequestId": 100000001,
        "travelRequestNo": "1234567",
        "externalOptionId": "1000ABC",
        "ticketNo": "ABCD1234",
        "ticketType": "Type A",
        "ticketClass": "Economy",
        "departure": {
          "departFromAirport": "Pune",
          "departFromAirportCode": "PNQ",
          "departFromOther": "",
          "departDate": "2024-01-11",
          "departTime": "14:00"
        },
        "arrival": {
          "destinationAirport": "Bangalore",
          "destinationAirportCode": "BLR",
          "destinationOther": "",
          "arrivalDate": "2024-01-13",
          "arrivalTime": "21:30"
        },
        "contractCarrierName": "ABC Carrier",
        "contractCarrierCode": "ABC",
        "amadeusLocator": "RMT33W",
        "price": 25.50,
        "currency": "US DOLLAR",
        "currencyAbbr":"USD",
        "baggage": "",
        "flightDetails": "Details of the Flight Legs",
        "travelAgentComments": "",
        "travelRoute": "PNQ-NGP-BLR",
        "fareType": "Normal",
        "validUntil": "2024-01-31",
        "ticketOptionStatus" : "",
        "reasonForRejection" : "",
        "reasonForCancellation" : "",
        "finalized": 0
      }
    ]
  }
}
```

6.5.33 Enhancements

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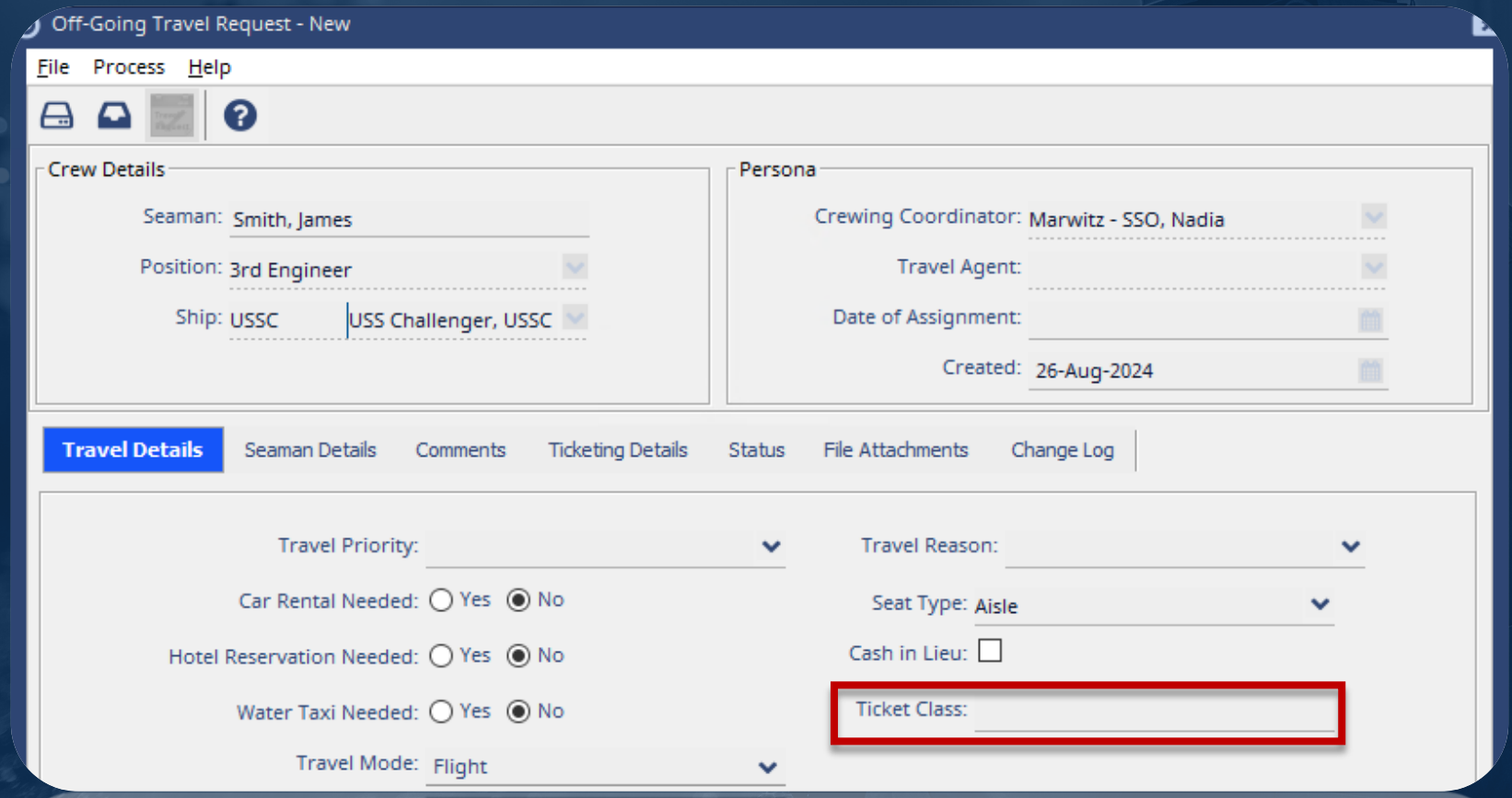
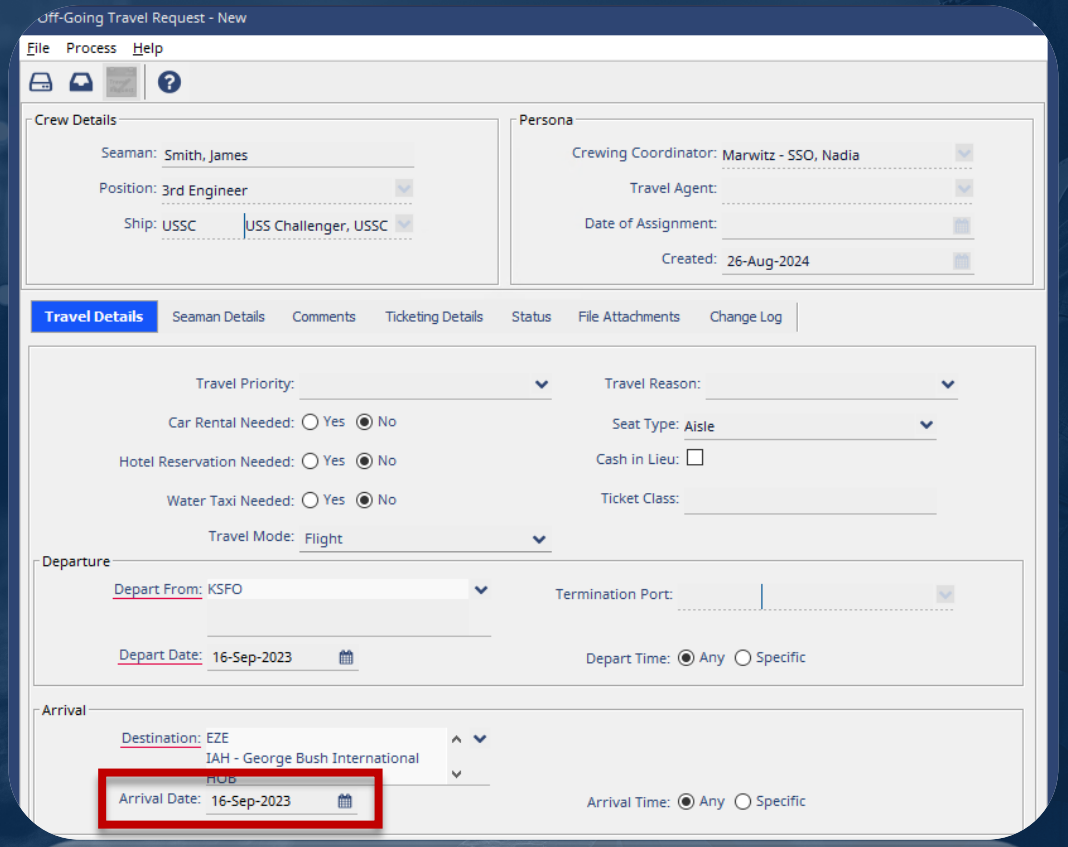
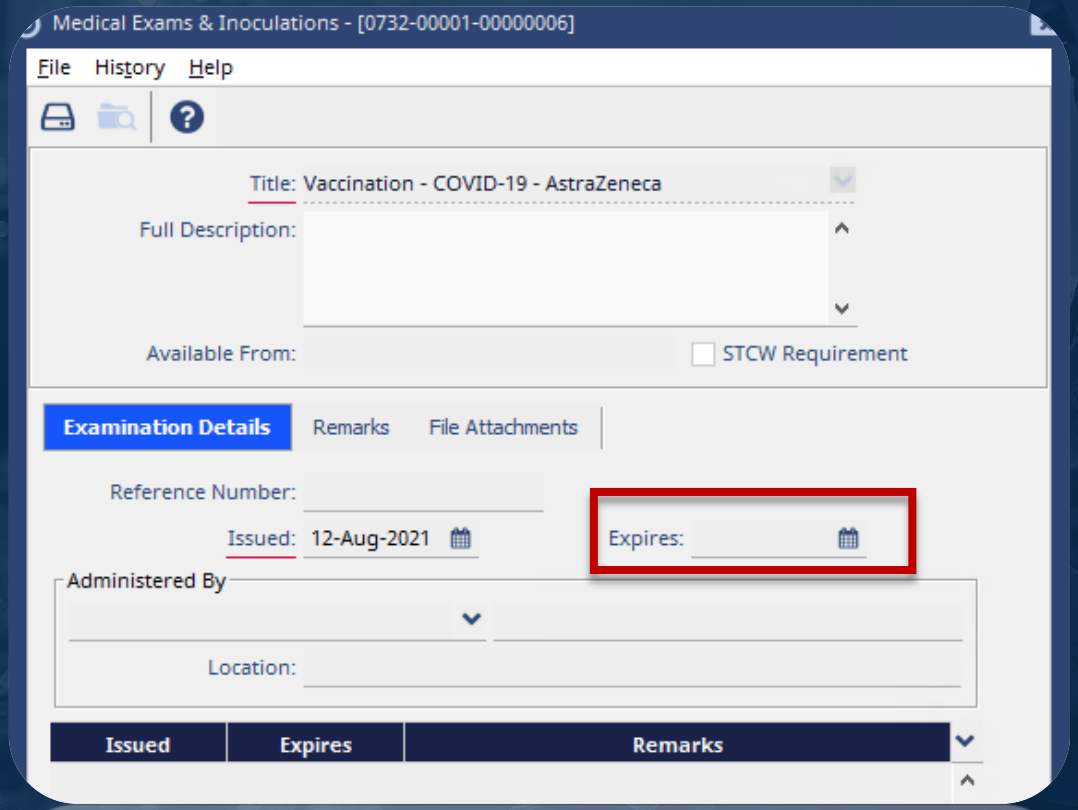
6.5.33: Travel Request – Added Ticket Class



6.5.33: Travel Request – Arrival Date is no longer mandatory



6.5.33: Personnel – Removed mandatory Expiry Date of Medicals



Position Requirements & Qualification Check

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Drivers for changes of Position Requirements

- STCW 2010 Manila Amendments
- IMO Approved STCW Code Changes to Combat Harassment (effective Jan 2026)
- Change of Flag State
- Change of Charterer
- New Training Requirements
- New Vaccination Requirements
- Change of standard CWRH

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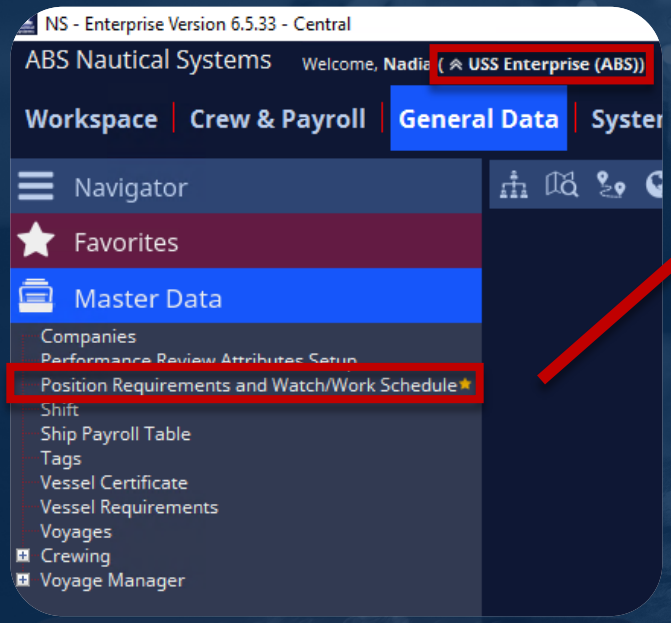
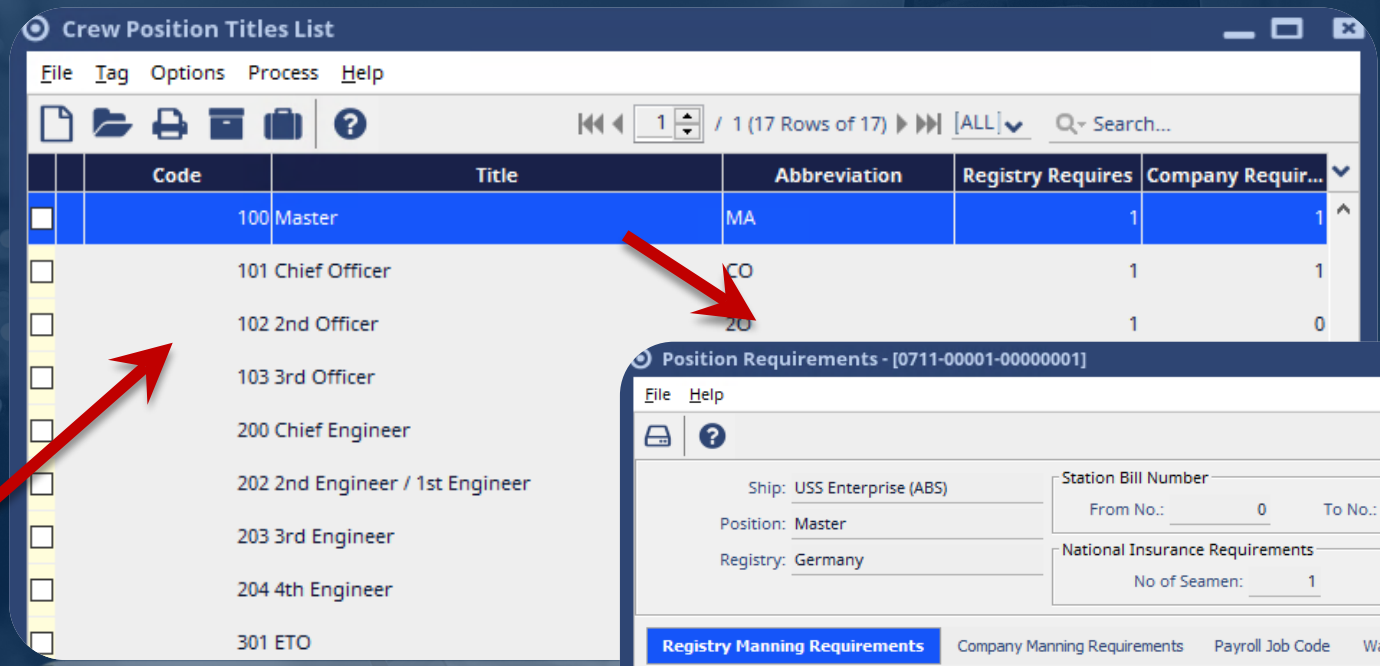
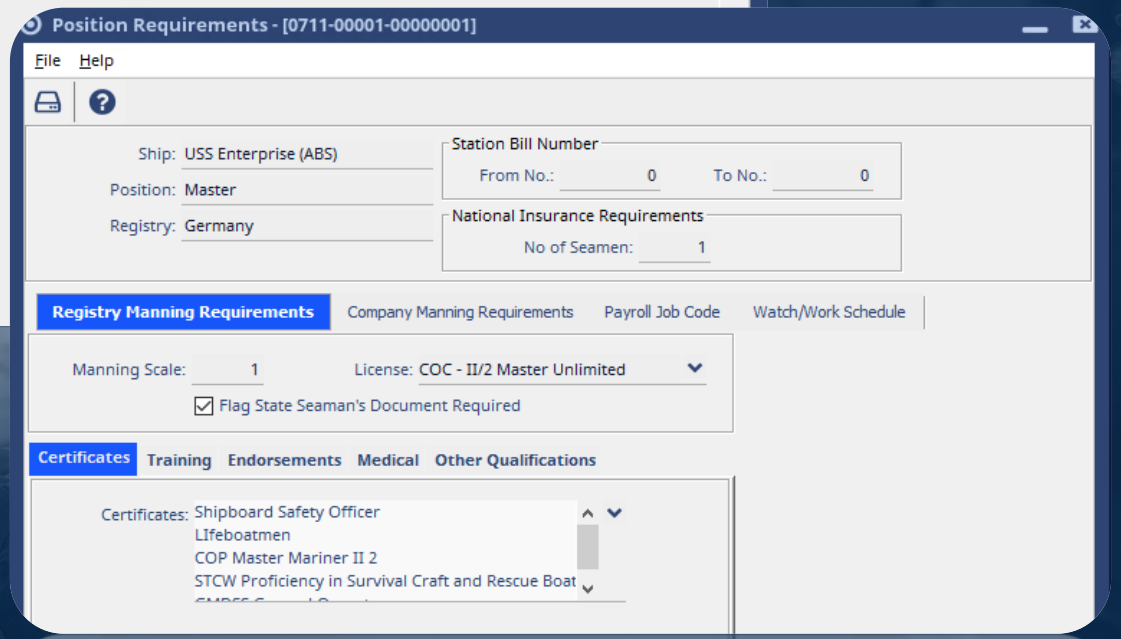
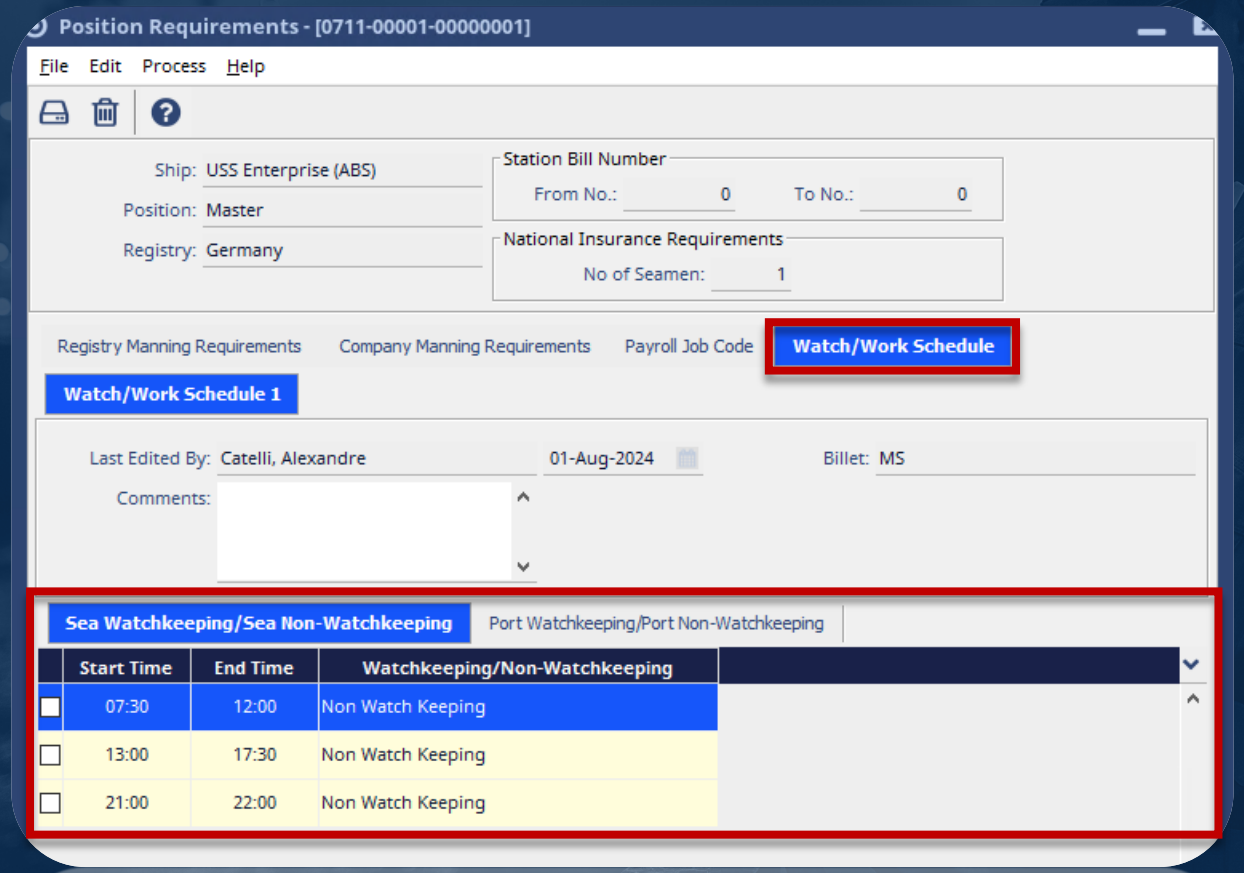
Position Requirements



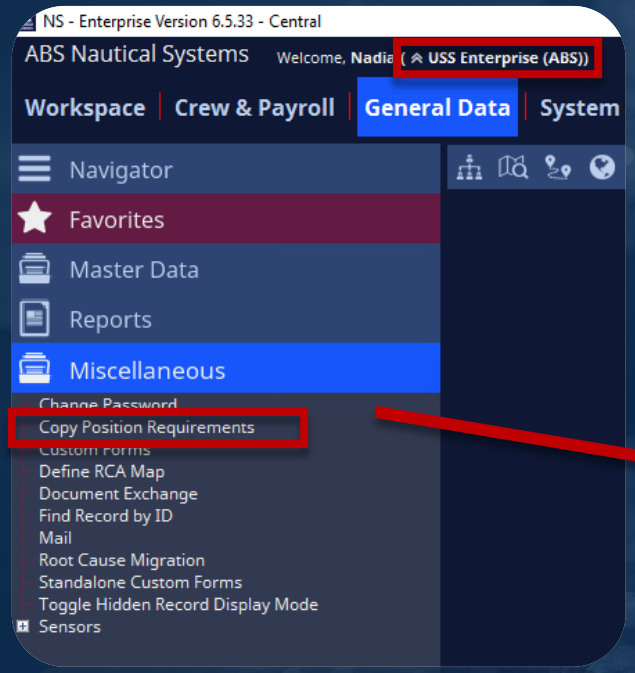


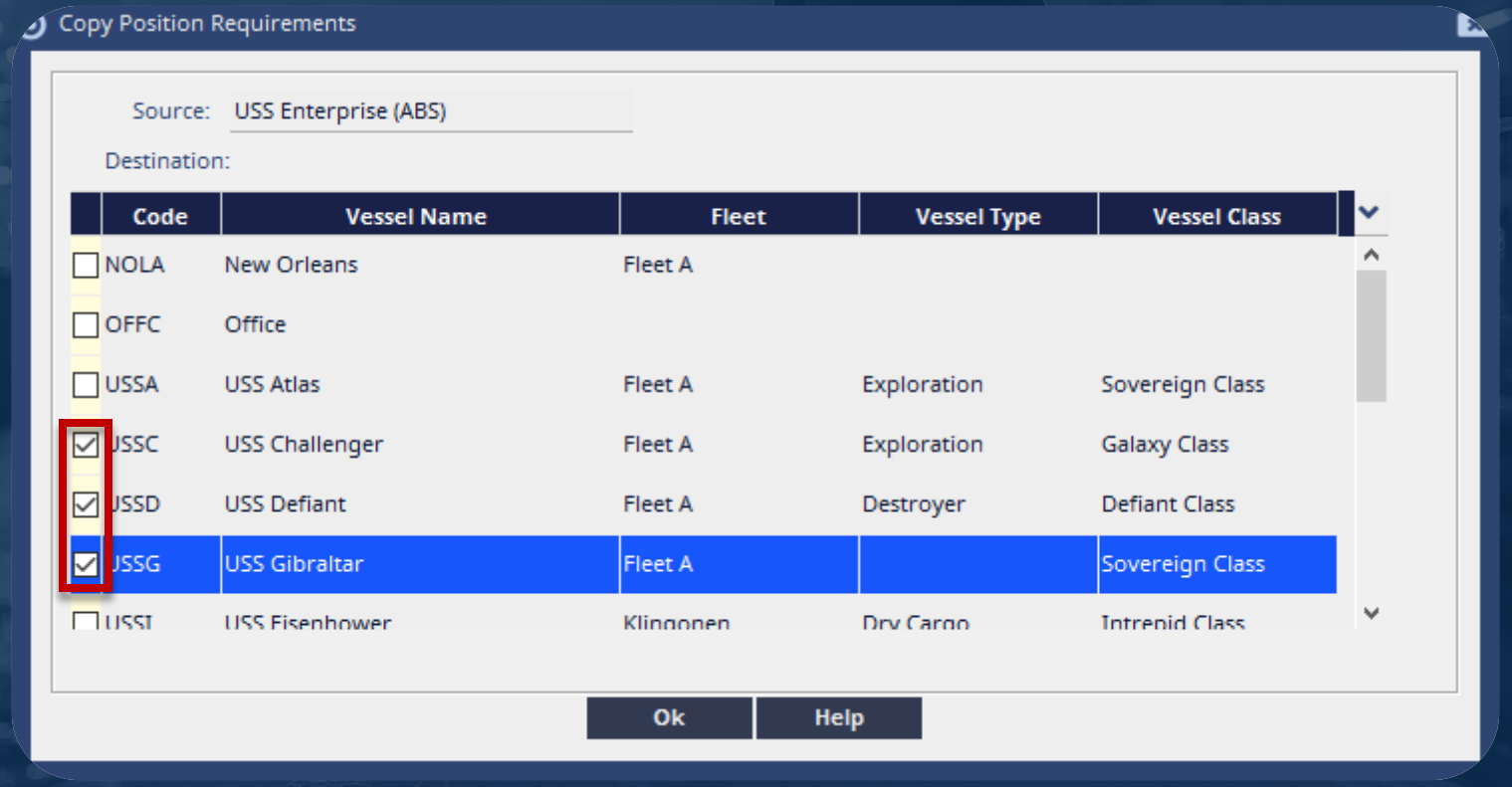


Position Requirements – Watch/Work Schedule



6.5.33: Travel Request – Added Ticket Class





In-App Demonstration

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CWRH NSE

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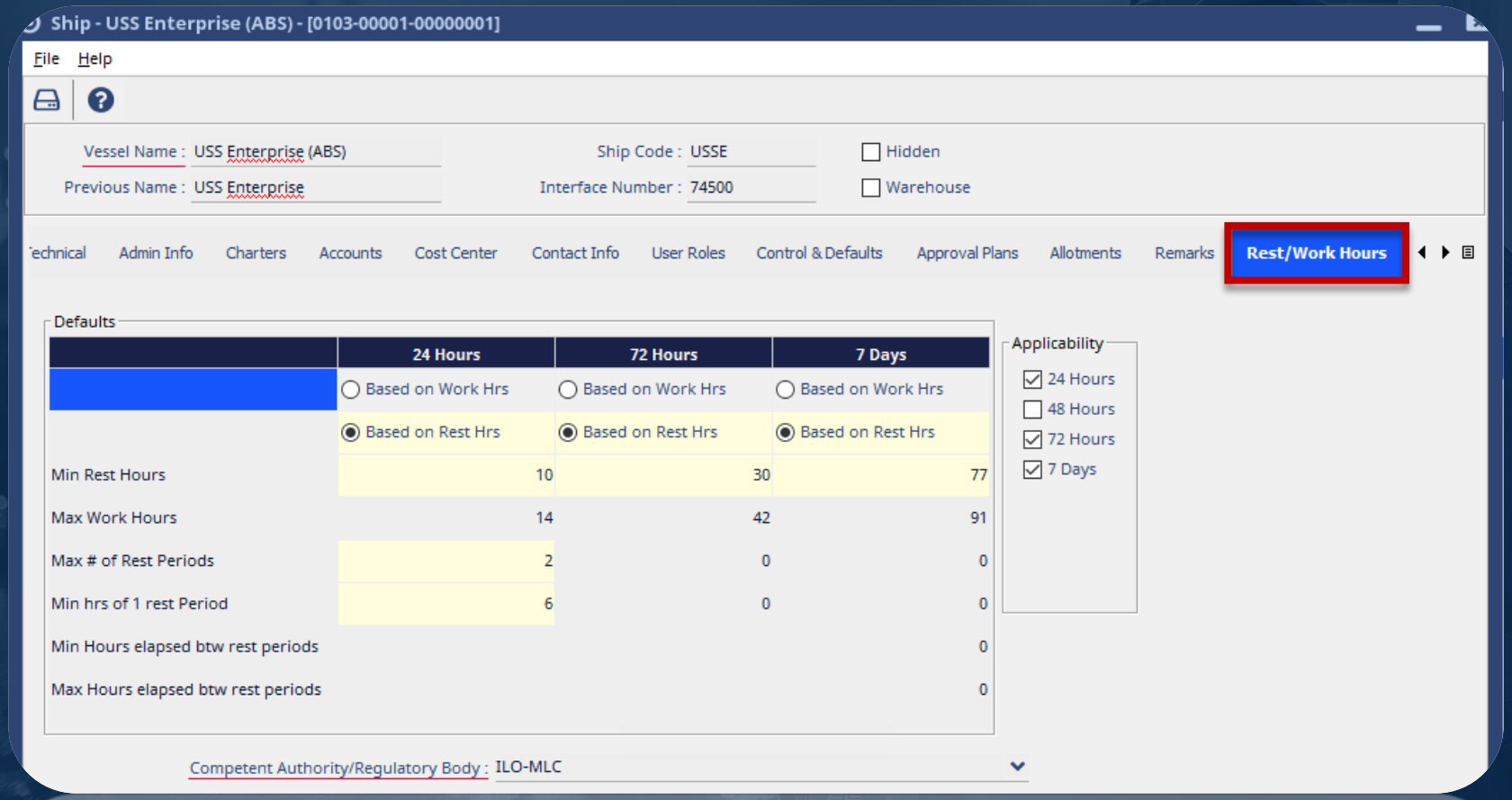
Crew Work Rest Hours

- Have all in one place
- Available in Crewing and HSQE Module
- CWRH Analysis & Non Conformity Reporting with 6.5.34
- Support of changing Rules in the middle of the month
- Regulatory Body based templates, easy change of Rule

Crew Work Rest Hours



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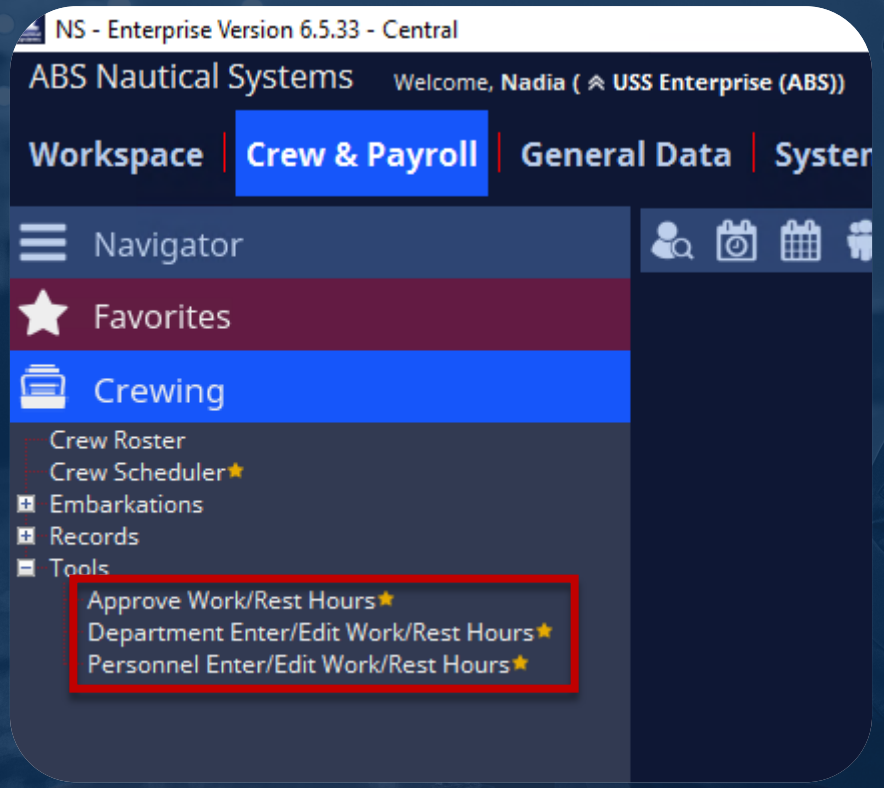
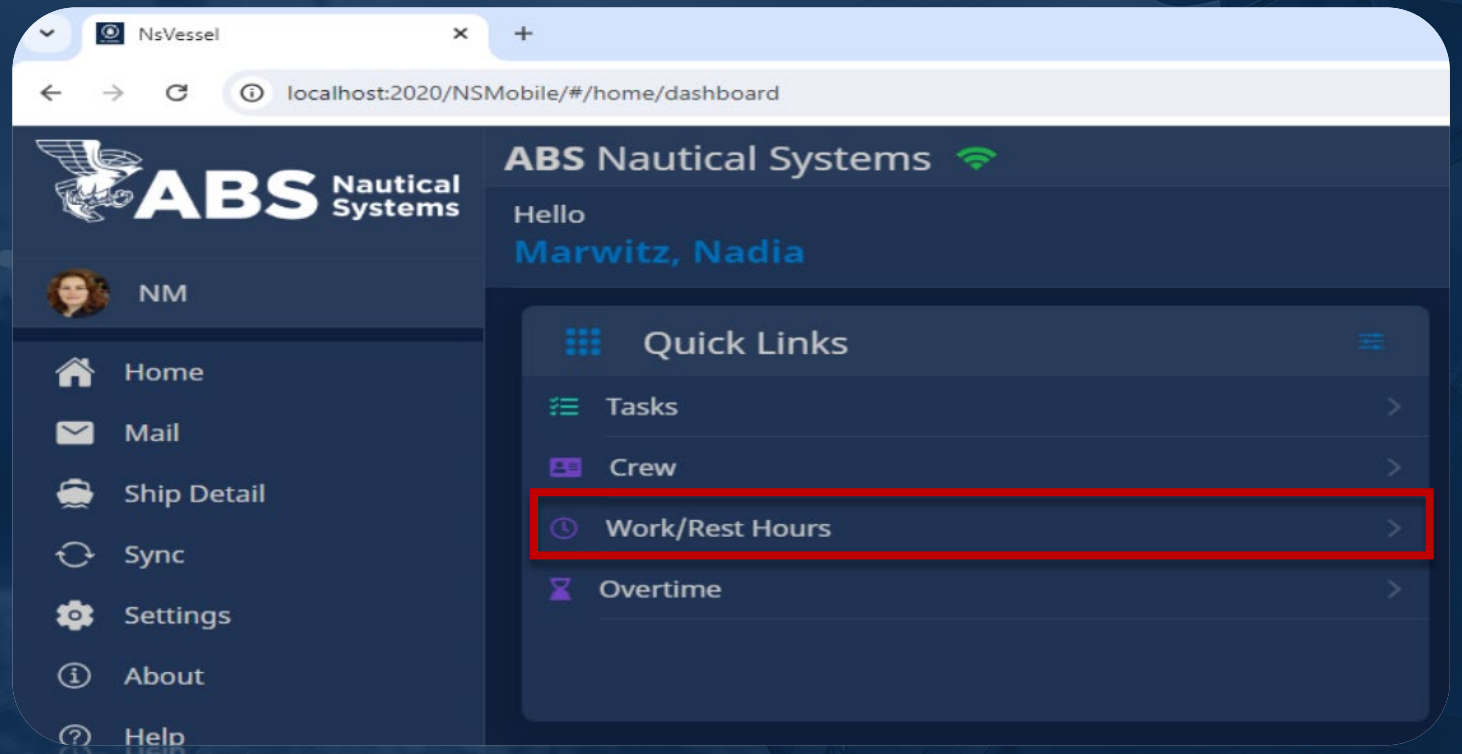
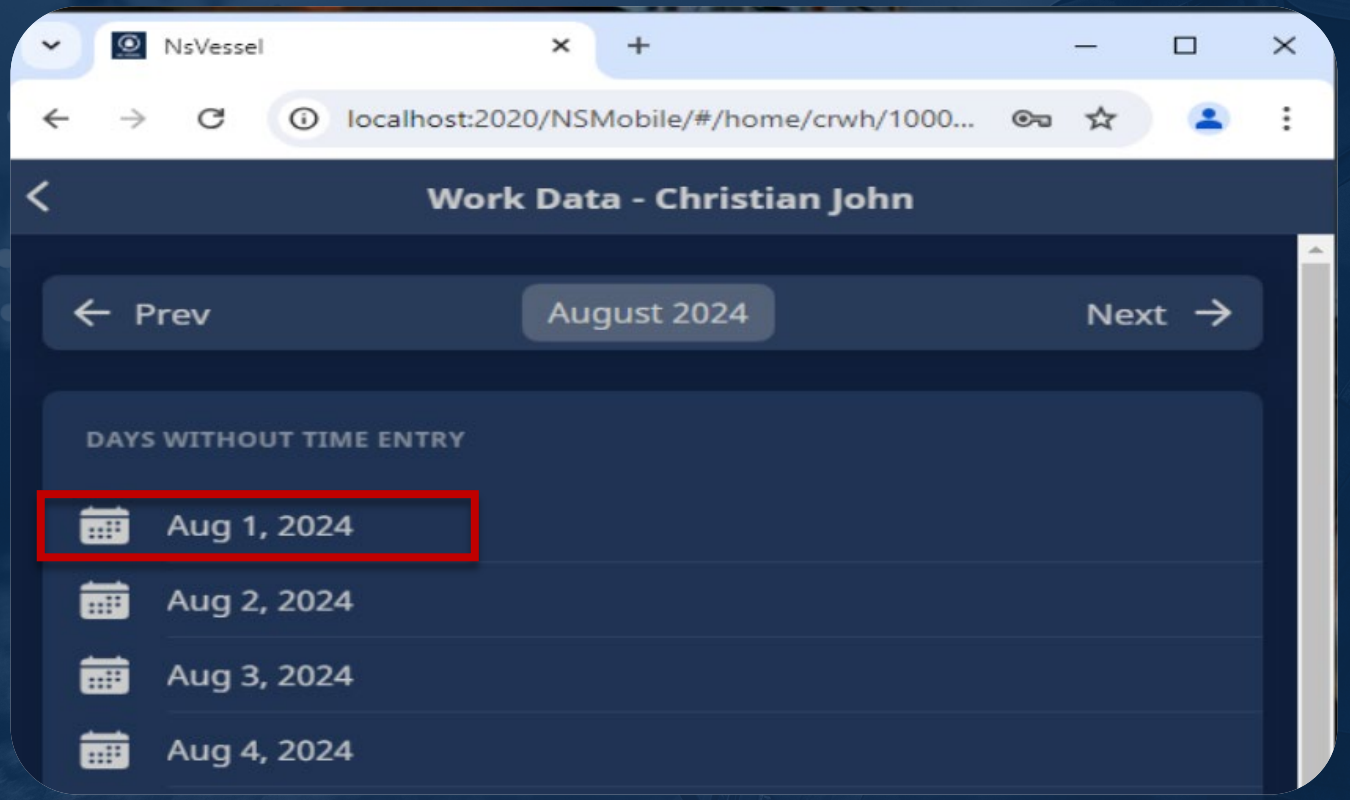
Crew Work Rest Hours



Crew Work Rest Hours - Mobile



Crew Work Rest Hours - Mobile



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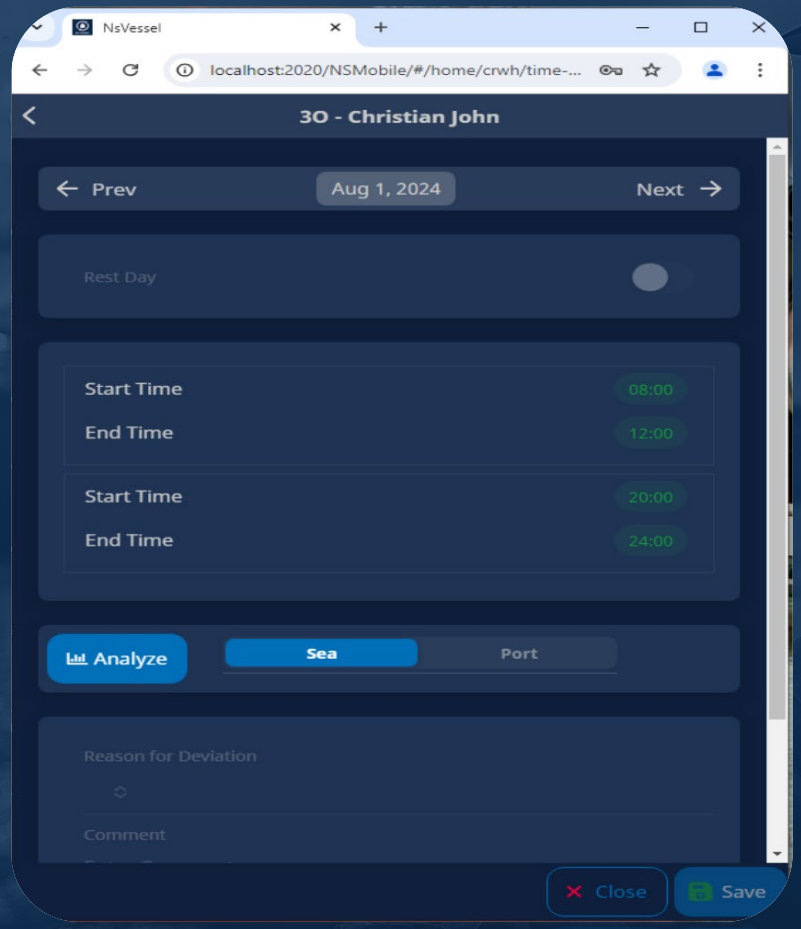
Crew Work Rest Hours - Mobile



In-App Demonstration

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Travel Management

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Travel Management

- Track On-/Off-Going Travel Request
- Integrate with your Travel Agent
- Web API

In-App Demonstration

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Screen Customization

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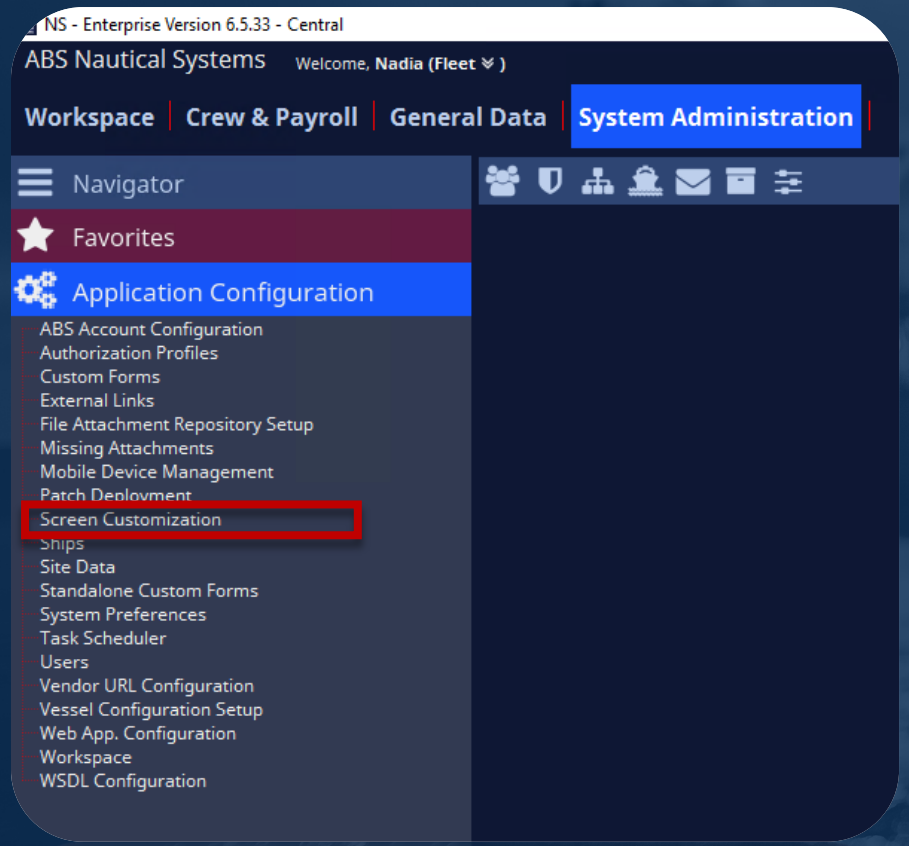
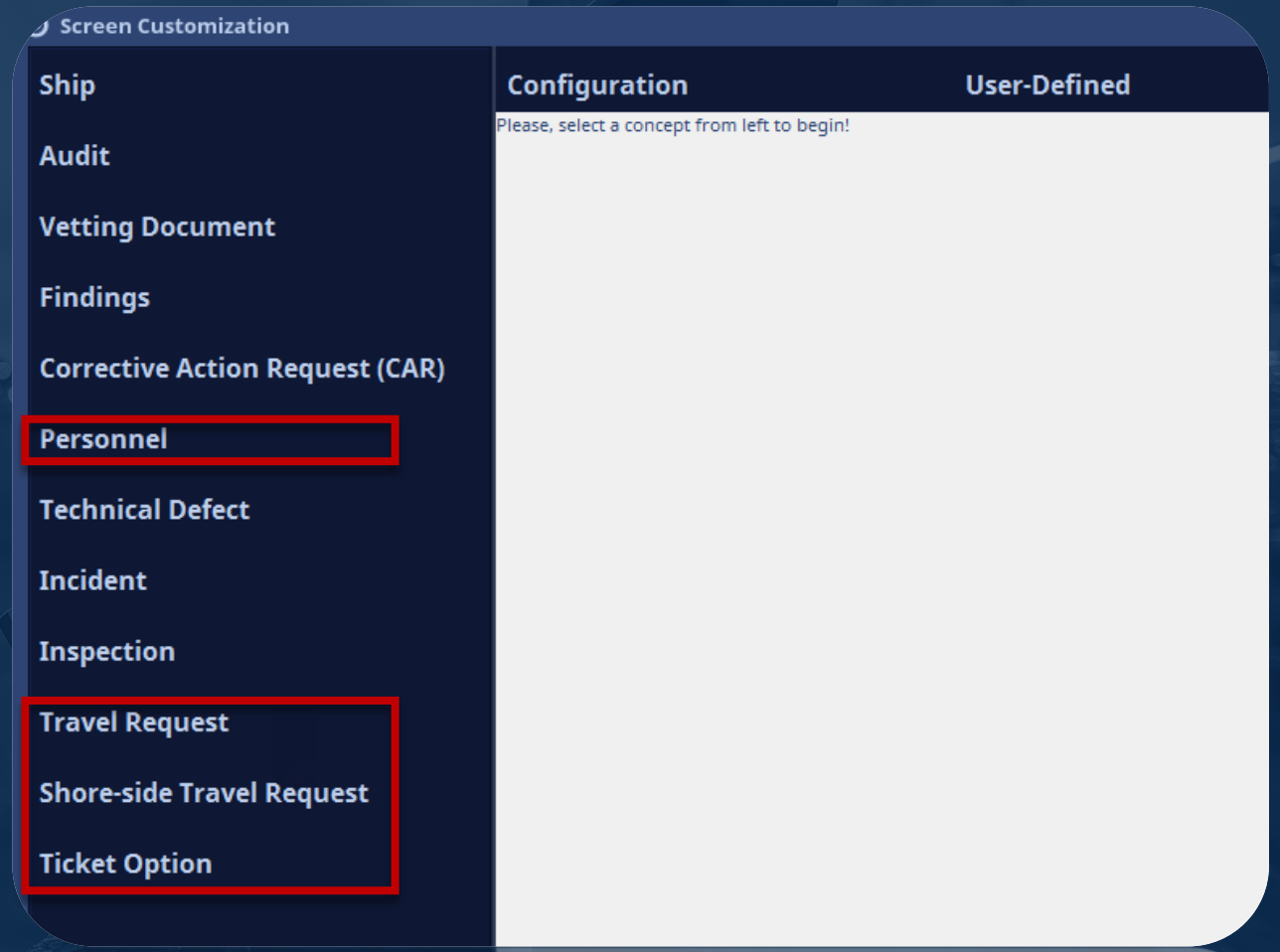
Screen Customization





In-App Demonstration

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Crew Matrix

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Crew Matrix

- Integration with Sire & Q88
- Validate against Charterer Requirements
- Validate against Company Requirements
- Validate Industry Experience
- Validate in Rank Experience

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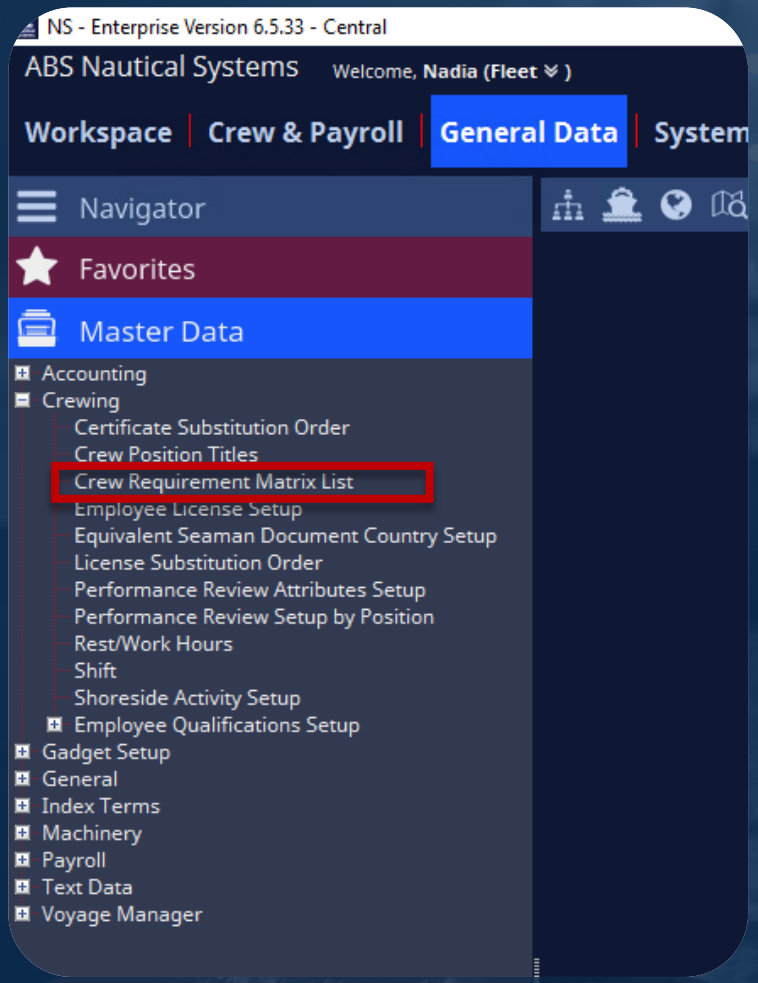
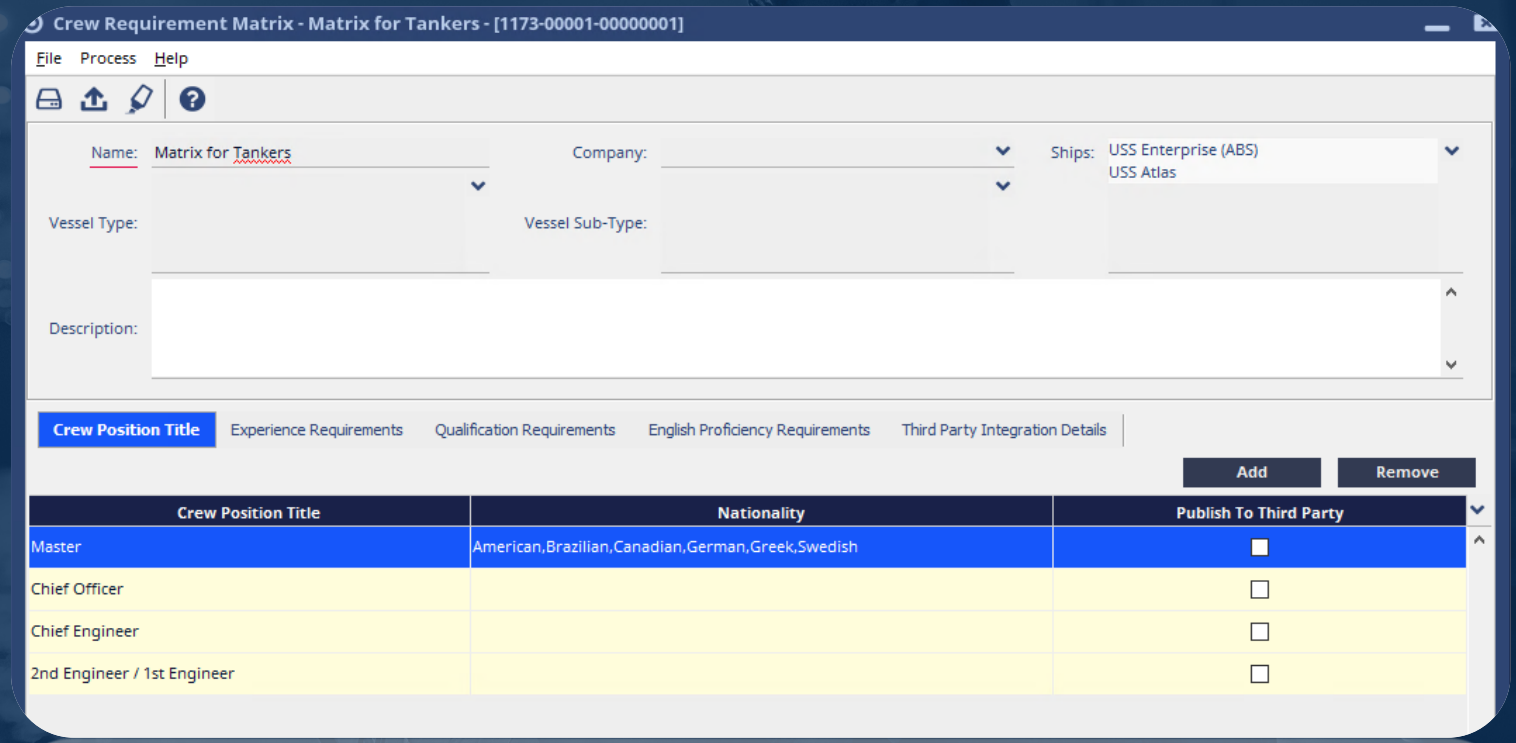
Crew Matrix





In-App Demonstration

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Q & A
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How many points did you get?

Use the NSUC app leaderboard to check your score and keep participating throughout the conference for a chance to win prizes (and bragging rights)!

#NSUC24

THANK YOU
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