



Osisiris Consultants are pleased to announce our latest product – **DEMExchange** - which works in tandem with our state of the art digital Statement of Facts collection system - **SOFeXchange**. This latest development is aimed at reducing the time taken to complete a Laytime calculation. By eliminating any copy-typing of records from the Statement of Facts, it allows laytime analysts to complete calculations with improved accuracy and frequency.

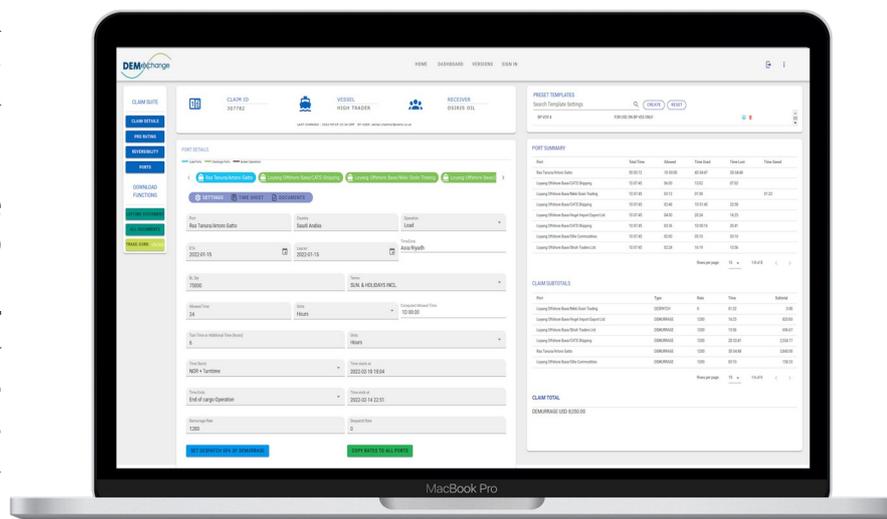
The easy-to-navigate user interface has been designed with the demurrage analyst in mind. Simple laytime calculations can be completed in as few as 6 clicks. More complex fixtures - such as port reversibility, cargo parcels and differential port rates – are greatly simplified. Not only can the overall laytime value be calculated, but **DEMExchange** also has the ability to split the claim by company thus making the calculation of individual parcel fixtures much easier to complete.

The demurrage analyst is able to access the Statement of Facts (SOF) much faster, the data is computed and displayed in easy-to-read format, and is adaptive! This means any change in the calculation is automatically computed, removing the need to refresh or in some case create PDF estimates. In addition to the SOF being available immediately after completion into **DEMExchange**, any documents that are attached to the SOF - such as NOR's, LOP's and pumping logs - are available in the **DEMExchange** giving the laytime analyst a single localised document location.

Custom Templates With DEMExchange we allow users to make their own presets for frequent fixtures as the base setting that will then be adjusted to match the Bill of Lading and Charter Party exceptions. This allows the user to make templates, such as a BP VOY 5 or GENCON, that can then be defined as per Charter Party requirements, dispensing with the need to set up the calculation manually, thus calculations become even faster. Users can have a default template to apply to new claims making their job even simpler.

Parcel Business DEMExchange has full support for parcel businesses. This is inherited from the parcels in SOFeXchange.

Cargo Owner and Pro-Rating If the data in SOFeXchange includes cargo owners names then it is simple to apportion the claims to the activities for those owners. Claims can be grouped by cargo owner, with separate laytime statements generated for each. This makes for simplified invoicing when used by the charterer.



Full Functionality for port activities Any activity can be deemed to count fully, count for half time, or not count at all. The effects of this are immediately visible in the claim summary.

Weekend Working Any port can be deemed to be either SHINC, or any one of the 34 different SHEX settings that are intrinsic to the system.

Port Reversibility A comprehensive facility is provided to determine which ports are reversible.

Claim Documentation Any documents uploaded by the vessel or agent using SOFExchange are available. A full documentation pack can be created with a single click which includes not only the SOF documents but also the original Statement of Facts, Claim Summary and Laytime Calculations.

Your Data With data being almost as valuable as the laytime calculation itself, we do not discriminate! Your data is your data and we will only make it available to authorised companies and users. We do allow analytics which allows the Laytime analyst to view trends in addition to compiling Laytime calculations. This data is not available to other companies and we do not sell any data to third parties without a company's permission.

On The Go Shipping never sleeps and with **DEMeXchange** being designed from the ground up using reactive technology, users can access Laytime calculations from any smart phone or tablet, allowing users to keep on top of their Laytime calculations. They can even complete calculations on the way to the office. The application is designed to be used on handheld devices as well as desktop computers without any loss of functionality.

PORT DETAILS

Load Ports Discharge Ports Banker Operations

Portsmouth Boston

SETTINGS TIME SHEET DOCUMENTS

Date	Start	End	Activity	Counts	Elapsed	Used	Demurrage	Actions
Thu 07-Apr-2022	19:53	24:00	Time passed	FULL	04:07	16:27		✓ ½ ✕
Fri 08-Apr-2022	00:00	00:23	Time passed	FULL	00:23	16:50		✓ ½ ✕
Fri 08-Apr-2022	00:23	07:33	Discharging	FULL	07:10	1D 00:00		✓ ½ ✕
Fri 08-Apr-2022	07:33	07:33	ON DEMURRAGE	FULL		1D 00:00		
Fri 08-Apr-2022	07:33	24:00	Discharging	FULL	16:27	1D 16:27	16:27	✓ ½ ✕
Sat 09-Apr-2022	00:00	17:13	Discharging	FULL	17:13	2D 09:40	1D 09:40	✓ ½ ✕
Sat 09-Apr-2022	17:13	24:00	Weather	FULL	06:47	2D 16:27	1D 16:27	✓ ½ ✕
Sun 10-Apr-2022	00:00	03:13	Weather	FULL	03:13	2D 19:40	1D 19:40	✓ ½ ✕
Sun 10-Apr-2022	03:13	24:00	Discharging	FULL	20:47	3D 16:27	2D 16:27	✓ ½ ✕
Mon 11-Apr-2022	00:00	04:13	Discharging	FULL	04:13	3D 20:40	2D 20:40	✓ ½ ✕
Mon 11-Apr-2022	04:13	04:13	TIME ENDS	FULL		3D 20:40	2D 20:40	

The screenshot displays the DEMExchange web application interface. At the top, there is a navigation bar with 'HOME', 'DASHBOARD', 'VERSIONS', and 'SIGN IN'. The main content area is divided into several sections:

- CLAIM SUITE:** Includes buttons for 'CLAIM DETAILS', 'PRO RATING', 'REVERSIBILITY', 'PORTS', 'DOWNLOAD FUNCTIONS', 'LAYTIME STATEMENT', and 'TRADE CORP'.
- CLAIM ID:** 307782. VESSEL: HIGH TRADER. RECEIVER: OSIRIS OIL.
- PRO - RATING:** Shows 'Load prorate Method: No prorating' and 'Discharge prorate Method: Prorate the allowed time' with an 'Allowed Time (hours) - Discharge' of 24.
- Table of Cargo:**

Port	Cargo	BL Quantity	Percentage	Allowed Time
— operation: Discharge ✕				
Loyang Offshore Base	CATS Shipping	15,000	25%	06:00
Loyang Offshore Base	Niki Grain Trading	8,000	13.333%	03:12
Loyang Offshore Base	CATS Shipping	7,000	11.667%	02:48
Loyang Offshore Base	Angel Import Export Ltd	10,000	16.667%	04:00
Loyang Offshore Base	CATS Shipping	0,000	0%	03:36
Loyang Offshore Base	Olea Commodities	5,000	8.333%	02:00
Loyang Offshore Base	Sheeh Traders Ltd	6,000	10%	02:24
— operation: Load ✕				
Roa Tanara	Arso Gatto	75,000	100%	1D 00:00
- PRESET TEMPLATES:** Search Template Settings. CREATE RESET. BP V0Y 4. FOR USE ON BP VES ONLY.
- PORT SUMMARY:** Table showing Total Time, Allowed, Time Used, Time Lost, and Time Saved for various ports and cargo types.
- CLAIM SUBTOTALS:** Table showing Type, Rate, Time, and Subtotal for different demurrage types.
- CLAIM TOTAL:** DEMURRAGE USD 8,050.00.

Secure and Scalable As is normal in this time, **DEMeXchange** is a web-based application that uses reactive components. All data is held securely on a server. All complex calculations are performed on our highly scalable back-office systems. This means that we can provide analytics of claims. There is zero software to be installed locally.

API available A standard API is available that can post the data from the calculation to your Voyage Management System or accounting package.

ABOUT OSIRIS CONSULTANTS LIMITED

With over 20 years of working in the commercial maritime sector, Osiris has taken its first step to deliver high quality applications to improve the logistics trading process. Having worked with Owners, Charterers and Software Suppliers, Osiris has a real depth of understanding of the difficulties the industry faces and has taken tangible steps to make a transformational difference.

www.SOFeXchange.com

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