

ZakosLoadZoneCalculation®

Software Program for Cargo & Tanker Ships

Zakos Software proudly announces that **ZakosLoadZone®** is now available through its office.

What is the **ZakosLoadZone®**?

It is an **MS VB6 Windows** based program, developed after the experience gained on board tankers, Lpg carriers, Bulk carriers. It has been designed for both fleet and individual use, suitable for liquid, gas, bulk cargo calculations (Crude, Products, Lpg Lng, and Chemicals).

Where the time is precious, **ZakosLoadZone** comes to assist both Chief Mates on Cargo & Tanker Ships, Marine Superintendents or Cargo Surveyors to complete the Load Zone calculation swiftly and accurately.

ZakosLoadZone® consists of the following **Program Modules** :

ZAKOS LOAD ZONE CALCULATION :

ZakosLoadZone is a user-friendly Load Zone Calculation program for Cargo & Tanker ships, Marine Surveyors and Ships' Officers.

ZakosLoadZone is controlled by easy to use Menus and Dialogs for easy operation.

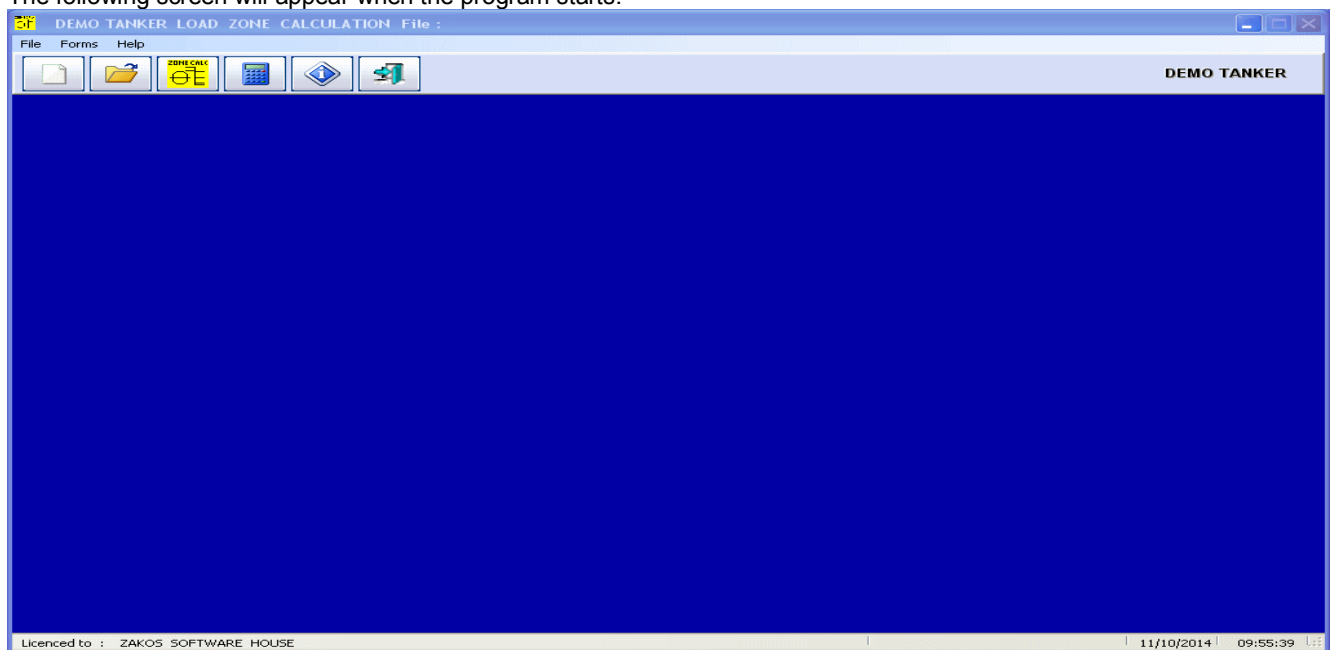
ZakosLoadZone offers the following functions:

ZakosLoadZone: Load Zone Calculation using a variety of different units of input and output.

The following pages will display part of the program's screens :

MAIN SCREEN:

The following screen will appear when the program starts.



INPUT SCREEN:

The following screen will appear when the program starts.

Load Zone Calculation
View Scale : 140

DEMO TANKER							
A	DEADWEIGHT	M/T	M.cms	Ft.inch	WEIGHTS	M/T	
1	TROPICAL FRESH WATER	107,003.8	15.463	50.088	FUEL OIL	2,945.1	
2	FRESH WATER	104,223.4	15.155	49.087	DIESEL OIL	242.2	
3	TROPICAL	107,057.9	15.130	49.077	LUB. OIL	177.6	
4	SUMMER	104,215.4	14.822	48.075	FRESH WATER	446.6	
5	WINTER	101,380.1	14.514	47.074	STORES & ETC	20.0	
6	NORTH WINTER ATLANTIC	101,380.1	14.514	47.074	CONSTANTS	240.0	
						MISCH. COMPTS	132.4
						OTHERS	0.0
						OIL CARGO TANKS	0.0
						BALLAST TANKS	0.0
						TOTAL	4,203.9
a1	LIGHT SHIP	18,393.90					
a2	AVERAGE SPEED	15.0					
a3	DAILY CONSUMPTION	70.0					
Ft.inch							
B LOADING PORT INFOS				D.W.T.			
LOADING PORT ZONE (1-6)?		...	SUMMER		104,215.4	M/TONS	
PORT DRAFT RESTRICTION USE:		M.cms					
PORT WATER DENSITY (0.8-1.050)			1.0250				
DWT at LOADING PORT			104,215.4		M/TONS		
Ft.inch							
C INTERMEDIATE / FINAL PORT INFOS				D.W.T.			
PORT ZONE (1-6)?		...	SUMMER		104,215.4	M/TONS	
PORT DRAFT RESTRICTION USE:		M.cms	14.350		100,075.6	M/TONS	
PORT WATER DENSITY (0.8-1.050)			1.0150		Effect Only for Draft Restriction		
INTERMED / FINAL DWT			99,099.3		M/TONS		

Select Draft Units

M.cms Ft.inch

Close

Purpose : Determine how much Cargo to Load

Procedure : Use the up and down Arrow Keys (↓) or the mouse to scroll, or click on the desired input field where the input field is colored with the light blue as shown then type the following :

- Average Speed
- Daily Consumption
- Consumable Weights (F.O / D.O / L.O / etc.)
- Load Port Draft Restriction (if exists)
- Load Port Water Density (Apply only for Draft)

Select Draft Units

M.cms Ft.inch

Click to Select Draft Units

Continuation of previous page 2

Click in order to select Zone from drop down list

E	FINAL LOADING DISPLACEMENT	119,052.8	M/TONS
	FINAL LOADING DWT	100,658.9	M/TONS
	FINAL DWT CALCULATED FROM :	DRAFT RESTRICTION	
F	CALCULATED CARGO :	96,455.0	M/TONS
G	WILL YOU BUNKER DURING VOYAGE ? (Y / N)	... YES	
	TOTAL BUNKERS IN M/TONS ?	200.0	M/TONS
	DISTANCE TO BUNKER PORT ?	1,200.0	N/MILES
	ZONE of BUNKER PORT (1 - 6) ?	... SUMMER	M/TONS
	TOTAL CONSUMPTION TO BUNKER PORT	233.3	M/TONS
H	TABLE OF MAXIMUM DISPLACEMENT (DWT) & CARGO IN VARIOUS POINTS		
		D.W.T.	CARGO
	LOADING PORT	104,215.4	100,011.5 M/TONS
	ZONE RESTRICTION	104,215.4	100,011.5 M/TONS
	DRAFT RESTRICTION	100,658.9	96,455.0 M/TONS
	BUNKERING PORT	104,448.7	100,044.8 M/TONS
1	CALCULATED DISPLACEMENT	119,052.8	M/TONS
2	CALCULATED D.W.T.	100,658.9	M/TONS
3	CALCULATED CARGO	96,455.0	M/TONS
4	CARGO CALCULATED FROM	DRAFT RESTRICTION	

Key Functions

Clear

Print

Calculator

Save as Excel

Select Draft Units

M.cms Ft.inch

Close

- Final Port (Select Zone)
- Final Port Draft Restriction (if exists)
- Final Port Water Density (Apply only for Draft)
- Distance to Worst Zone OR Draft Restriction
- Bunkers (If you intend to receive Bunkers between Load / Disch port then click and select (Yes))
- Bunkers (Type Total Bunkers where you intend to receive Bunkers)
- Bunkers (Type Distance to Bunker Zone)
- Bunkers (Select Load Zone for Bunker Zone)

Select Draft Units

M.cms Ft.inch

Click to Select Draft Units

Continuation of previous page 3

H TABLE OF MAXIMUM DISPLACEMENT (DWT) & CARGO IN VARIOUS POINTS			
	D.W.T.	CARGO	
LOADING PORT	104,215.4	100,011.5	M/TONS
ZONE RESTRICTION	104,215.4	100,011.5	M/TONS
DRAFT RESTRICTION	100,658.9	96,455.0	M/TONS
BUNKERING PORT	104,448.7	100,044.8	M/TONS
1	CALCULATED DISPLACEMENT	119,052.8	M/TONS
2	CALCULATED D.W.T.	100,658.9	M/TONS
3	CALCULATED CARGO	96,455.0	M/TONS
4	CARGO CALCULATED FROM	DRAFT RESTRICTION	

Select Draft Units

M.cms Ft.inch

Close

The Final Calculated Cargo to Load

Zone Selection :

Click in order to select Zone

... SUMMER

- TFW
- FW
- TPCL
- SUMMER
- WINTER
- WNA

Click in order to Bunker

... YES

- NO
- YES

