

STA BARGE-MOT1 - Frequency Domain Barge Motions in Waves

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This area of the program calculates natural periods and motion RAOs for the Caisson in regular waves from any direction.

Souda Bay PSB		<-- Condition	KOMNINOS				<-- Vessel
Specify Wave Conditions		Results For Motion Amplitudes at CG for Selected Wave Height, Period and Direction					
30 deg	Wave attack angle, 0° to 90°	Heave	Surge	Sway	Roll	Pitch	Yaw
0.61 m	Wave height	0.33 m	0.22 m	0.12 m	0.28 deg	0.49 deg	0.04 deg
10.00 sec	Wave period	Natural periods->	5.01 sec			4.60 sec	4.32 sec

Barge Roll and Pitch in Degrees vs Wave Period
Heave shown in meters

