Exercise Plan Template (Trainee's Copy)

Course Title	Management Level Course for Marine Engine Officers (Function 4)
Exercise No.	A7.1
Exercise Title	Applying the appropriate measure to maintain the stability and stress conditions within safety limits at all times during operation
Duration	1.5 hours
Function	Function 4 - Controlling the Operation of the Ship and Care for Persons on Board at the Management Level
Competence	Control trim, stability and stress
Knowledge, Understanding and proficiency	Understanding of fundamental principles of ship construction and the theories and factors affecting trim and stability and measures necessary to preserve trim and stability
Intended Learning Outcome/s	Upon completion of this topic, the trainees/participants should be able to apply the appropriate measure to maintain the stability and stress conditions within safety limits at all times during operation through a given scenario
Training Equipment	N/A
Scenario Description	A bulk carrier ship with no set schedule of loading at port received an instruction to bunker a very low sulfur fuel oil (VLSFO) on its next port of call at Singapore, five days prior to arrival. The instruction is to carry as much as possible VLSFO utilizing two fuel oil tanks, capable of five days continuous operation. The ship's average consumption is 20MT <u>+</u> 2MT. Engine crew must prepare bunkering plan prior arrival at Singapore.



Date

Trainee's Name & Signature

Instructor's Name & Signature

Note: This sample practical Exercise Sheet was used during the conduct of pilot testing, MTI may enhance this taking into account the Resources they have.