Examiner: Irwin  
Candidate: [Redacted]

You are the joining Master on a 20,000 DWT Bulk Carrier. Berthed in San Francisco.

Walk me through what you are going to do.

One of the Officers is Singaporean, what certificates/paperwork would you expect from him.

Do you need to see his COC if he has a Certificate of Recognition.

You have been informed that there is a terrorist threat, what is your response.

Coast Guard boards and want to see your Security Plan.

List Certificates that should be on board.

CSR what is on it.

Shown IOPP and asked if it is in date.

It is not, what action do you take.

Coast Guard say your OWS is not working properly, your response.

How do you know you comply.

What other certificate accompanies the IOPP.

MARPOL – what classes.

What rules govern pumping Grey Water.

Difference between Class and Flag.

What is OHSMI.

What is a Designated work group.

What is HSR, Who can be a HSR, is a HSR compulsory.

What is Enhanced Survey.

Inspection regime for Ships Crane, who does it and what paperwork involved.

Conditions of Class- what do they mean, what do you need to do.

Draw Load lines, where can you load to.

Describe how you know freeboard.

What is the Stability criteria.
What is the Grain Stability criteria

Shown Hydrometer, what type is it, how do they differ, do you have to make adjustments for temperature

Loading Coal, what preparations do you make

Hazards and precautions you take

What paperwork do you require

What accompanies Shippers Dec.

What manuals do you reference

Explain Angle of LOL, how it occurs, how do you fix.

Timber cargo, using Timber load line, can you use if mixed cargo.

Listing, procedure to correct

Mate injured in fall, what is your response

Can you sail.

Life Boat Engine seized, what is your response

Can you sail

Test regime for On load /Offload release

Different types of Charter

Bareboat, who pays for fuel.

Insurances – different types

General Average, does owner pay.

P & I, what certificates required

Vessel fire, no electronics, 200 mile off the coast, you see a tug closing, your reactions.

Pilot interaction procedure

Passage Planning, explain procedure, references

Routing chart, vessel sailing from one zone to another, explain loadline change

Given TPC and Draft and FWA, calculate cargo to load for DWA

Navigational Chart, explain several symbols and lights
Shown TSS on chart and asked if you are required to follow if sailing to a port that was inboard of the TSS.

Shown various Navigational Marks and asked for topmark, colors and lights.

Shown Nav Area B marks and explain difference.

Preferred channel mark.

Sound signals in Restricted Visibility.

Lights using flip cards.

Several ship model scenarios, most involving a tug and tow. Give way actions.