Irwin introduced himself and told me how he wanted the exam to go. No tricks and very clear in his questions. Would be told if I was Master of a 499GT Tug or OOW on 300m Bulky. Was told I must get 100% in stability and ColRegs. Cannot remember all the questions, but if you go through all the previous Exams you will get a lot of information. STUDY, STUDY and then STUDY some more!!!!

- Name the IMO Conventions.
- What are the codes?
- What are Marine Orders, Marine Notices and Notices to Mariners?
- Name the certificates you would expect to find on a vessel of this size.
- Draw starboard side load lines, no measurements but had to explain FWA.
- Loading up river, where can you submerge lines to and why?
- How do you prepare for a load line survey?
- What information do you get from a Routing Chart?
- What publications are used for Passage Planning?
- What information is found in a Passage Plan?
- Difference between Passage Plane and Voyage Plan?
- Produced old Singapore Chart and asked if it could be used?
- Drills and frequency.
- Who can do Confined Space drills?
- Define Free Surface Effect and how do you correct?
- What can be done to minimise FSE?
- Explain Variation and Deviation and when a Magnetic compass has to be swung.
- How do you check accuracy of Gyro at sea?
- Draw a cross section of a box shaped vessel with double bottom tanks and top tanks and asked to show K, B, G and M in positive stability.
- What will happen to G if top tanks are filled?
- What regulations pertain to OHSS?
- Explain Rules 5, 6 & 19.
- Rig Pilot Ladder and lighting for night ops.
- Explain BRM and roll of Master, OOW, Pilot and Helmsman.
- Master leaves bridge, who is in charge?
- Explain Stowage and Segregation and where to find information.
- How do you know what DG's your vessel is allowed to carry?
- Explain difference between X and S Band Radars and their uses.
- What Radars are required on what vessels?
- Why have a Load Plan and explain the different Stresses involved with bulk loading?
- Watchkeeper has failed to show for watch. Last seen 5 hrs previously. Cannot be located onboard. What are your actions?
- Where do you get information for Search and Rescue?
Lined up all the Buoys and told me to put on the top marks.
Light rhythms and actions for Cardinal Marks and Safe Water Mark.
Flash card, NUC not making way, what other lights would be up if it was making way?
Sound signals, Tug and Tow in fog, own vessel making way in fog.
Actions to take in various situations. Especially in Restricted vis.
Don't forget manoeuvring sounds when in sight.

At no time was there any attempt to trick or confuse.
Listen carefully and THINK before answering.
Can not emphasise how important it is to study past orals!
Good luck!!