

國立臺灣海洋大學輪機工程學系 1071 學期

博士班資格考筆試參考範圍與書籍

考試科目：船舶適航性檢查

一、考試方式：close book

二、參考書目

1. IMO 相關國際公約 和 PSC codes

(include: PSC, SOLAS, LL, MLC, ISPS, ISM, STCW, MARPOL, IMDG, LSA, Tonnage 69)

2. 港口國監督程序，周和平編譯

三、考試範圍

1. 船舶適航性檢查

2. 港口國監督程序

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博士班資格考筆試參考範圍與書籍

考試科目：航運績效管理

一、考試方式：close book

二、參考書目：

Data Envelopment Analysis, 2nd Edition, W.W. Cooper, L.M. Seiford, K. Tone, 2007

三、考試範圍：All chapters

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博士班資格考筆試參考範圍與書籍

考試科目：航運政策理論與案例研討

一、考試方式：close book

二、參考書目：

1. Merchant Marine Act of 1920, From Wikipedia, the free encyclopedia.https://en.wikipedia.org/wiki/Merchant_Marine_Act_of_1920
2. The Jones Act Is One Of Many Dead Weeds That Hold Our Economy Back, in International Shipping News 09/10/2017 <http://www.hellenicshippingnews.com/the-jones-act-is-one-of-many-dead-weeds-that-hold-our-economy-back/>
3. The Jones Act Has Outlived Its Reason for Existing By: The Editors | Dec 14 2017 at 08:00 AM | Maritime News | Liner Shipping <https://www.ajot.com/news/the-jones-act-has-outlived-its-reason-for-existing-editorial>
4. The Protectionist "Shakedown" of Puerto Rico, <http://www.maritime-executive.com/editorials/the-protectionist-shakedown-of-puerto-rico>
5. Mariners Fret Over Attacks on Jones Act, October 9, 2017 by Bloomberg, <http://gcaptain.com/american-mariners-fret-over-attacks-on-jones-act/>
6. The Jones Act Has Outlived Its Reason for Existing, By: The Editors | Dec 14 2017 at 08:00 AM | Maritime News | Liner Shipping <https://www.ajot.com/news/the-jones-act-has-outlived-its-reason-for-existing-editorial>
7. 因應全球航運景氣衰退航運業獎勵振興暨促進產業升級措施方案 <https://file.motcmpb.gov.tw/home/FileConversion?filename=files/201705/6ccee5b7-979a-43e6-9de5-ea6228035429.pdf&nfix=&name=%E5%9B%A0%E6%87%89%E5%85%A8%E7%90%83%E8%88%AA%E9%81%8B%E6%99%AF%E6%B0%A3%E8%A1%B0%E9%80%80%E8%88%AA%E9%81%8B%E6%A5%AD%E7%8D%8E%E5%8B%B5%E6%8C%AF%E8%88%88%E6%9A%A8%E4%BF%83%E9%80%B2%E7%94%A2%E6%A5%AD%E5%8D%87%E7%B4%9A%E6%8E%AA%E6%96%BD%E6%96%B9%E6%A1%88.pdf>
8. What does the “IMO 2020” regulation really say? A quick guide in International Shipping News, Shipping: Emission Possible 30/10/2018 <https://www.hellenicshippingnews.com/what-does-the-imo-2020-regulation-really-say-a-quick-guide-2/>
9. Ship Owners Scramble to Install Scrubbers Ahead of IMO 2020,

October 16, 2018 by Reuters,
https://gcaptain.com/ship-owners-scramble-to-install-scrubbers-ahead-of-imo-2020/?utm_source=feedburner&utm_medium=feed&utm_campaign=Feed%3A+Gcaptain+%28gCaptain.com%29&goal=0_f50174ef03-fd77e63ab8-169870033&mc_cid=fd77e63ab8&mc_eid=acc4b352c6

10. The economics of scrubbers, Oct. 8, 2018 by Barry Parker
http://www.seatrade-maritime.com/news/americas/the-economics-of-scrubbers.html?utm_content=The%20economics%20of%20scrubbers&utm_source=Email&utm_medium=Seatrade%20Maritime%20News&utm_contact=21182056&utm_term=Newsletter_Seatrade%20Maritime%20Daily%20News&utm_campaign=97448

三、考試範圍：

1. 美國航運政策(Jones Act)
2. 台灣航運政策
3. IMO 2020 Sulphur Cap Regulation.

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博士班資格考筆試參考範圍與書籍

考試科目：線性系統分析

一、考試方式：open or close book

二、參考書目：Linear System Theory and Design, 3rd or 4th Edition

1.

2.

三、考試範圍：All chapters.

1.

2.