

BIARA Open-Book Take-Home Test

References (#) refer to the included files:

- 1 NI6BB Operations Manual 2017
- 2 Iowa Radio Manuals
- 3 Iowa Facts
- 4 Crew Handbook 2.5
- 5 BIARA and Gray Radio PowerPoint
- 6 Ham Bands and Propagation
- 7 Ham Jargon
- 8 International Call Signs and 3rd Party Agreements
- 9 Ethics and Operating Procedures - John Devoldere

Items you should memorize, so you get them right on the air:

Which antenna you are using
The year the Iowa was first commissioned
The year the Iowa came to San Pedro

1. Describe the three sign-in procedures for BIARA. (1-7)
2. If you enter a contact into the electronic logging program, but the entry doesn't appear on the main database screen, how do you refresh the screen? (1-9)
3. How do you operate the Kenwood TS-850 in split operation? (2 I-32)
(just find the page in the manual; don't memorize it) and (6-86)
4. Describe the Iowa's Communications Center (name the four components). (3-14)
5. When was the Iowa first commissioned? (3-1)
6. When did the Iowa arrive in the Port of Los Angeles (3-1)
7. Why is the Iowa called "The Big Stick"? (3-2)
8. What was the displacement of the Iowa (full load)? (3-3)
9. What was the maximum speed of the Iowa? (3-3)
10. Where are the "goal post" antennas? (3-18, 5-39)
11. Describe the Iowa's Armor. (4-24) (find the page in the manual)
12. How did the Iowa communicate? (4-65) (find the page in the manual)
13. What receivers are used for "legacy radio" operation, and where are they located? (5-20)

14. Where are the transmitters used for "legacy radio" operation located? (5-28)
15. Can you transmit on 14.125 Mhz? (6-22)
16. What CQ DX zone is the Iowa in? (6-114)
17. What ITU zone is the Iowa located in? (6-113)
18. What is the common PSK-31 frequency on 20 meters? (6-14)
19. What is a DX Cluster, and how is it used? (6-75)
20. What is the CORRECT (ICAO/NATO) phonetic pronunciation for the letter "p"? 7-58
21. What does "QRM stand for? (7-24)
22. What is an "appliance operator"? (7-40)
23. What does an RST of 45 mean? (9-14)
24. You've made a contact with Y2AFG and she asks you to phone a message to her cousin Kurt in San Pedro. Can you legally do this? (8-6, 8-10)
25. Explain the proper use of "QRZ". (9-19)
26. How do you call CQ? (9-11)
27. Find the TS-940 Qref Setup Sheet. (2-I-75)
28. If you correct a mis-typed callsign in Amateur Contact Log, what else must be corrected? (1-9)
29. What's wrong with ending a QSO with "Best 73s" or "73s"? (9-35)
30. Is the restriction against phone operations at 14.100 Mhz a ham convention or a regulation? (47 CFR 97.305)
31. Describe the three antennas BIARA uses and the antennas used by the legacy radios. (1-7) and (5-34, 5-39, 5-36)
32. Explain DX Propagation. (6-91)
33. Is a high K-index good or bad for propagation? (6-112)