



Australian Government
Australian Maritime Safety Authority

OIL RECORD BOOK

PART II - CARGO/BALLAST OPERATIONS (OIL TANKERS)

(To be kept on all Oil Tankers in accordance with the requirements of the International Convention for the Prevention of Pollution from Ships 1973 and its 1978 Protocol)



OIL RECORD BOOK

PART II - CARGO/BALLAST OPERATIONS (OIL TANKERS)

Name of Ship _____

Distinctive Number or Letters _____

Gross Tonnage _____

Period From _____ To _____

NOTE: Every oil tanker of 150 tons gross tonnage and above shall be provided with Oil Record Book Part II to record relevant cargo ballast operations. Such a tanker shall also be provided with Oil Record Book Part I to record relevant machinery space operations.

INTRODUCTION

The following pages of this section show a comprehensive list of items of cargo and ballast operations which are, when appropriate, to be recorded in the Oil Record Book in accordance with Regulation 20 of Annex I of the International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 relating thereto (MARPOL 73/78). The items have been grouped into operational sections, each of which is denoted by a code letter.

When making entries in the Oil Record Book, the date, operational code and item number shall be inserted in the appropriate columns and the required particulars shall be recorded chronologically in the blank spaces.

Each completed operation shall be signed for and dated by the officer or officers in charge. Each completed page shall be countersigned by the master of the ship. In respect of the oil tankers engaged in specific trades in accordance with Regulation 13C of Annex I of MARPOL 73/78, appropriate entry in the Oil Record Book shall be endorsed by the competent Port State authority*.

The Oil Record Book contains many references to oil quantity. The limited accuracy of tank measurement devices, temperature variations and clingage will affect the accuracy of these readings. The entries in the Oil Record Book should be considered accordingly.

* This sentence should only be inserted for the Oil Record Book of a tanker engaged in a specific trade.

LIST OF ITEMS TO BE RECORDED

(A) Loading of Oil Cargo

1. Place of loading.
2. Type of oil loaded and identity of tank(s).
3. Total quantity of oil loaded (state quantity added and the total content of tank(s)).

(B) Internal Transfer of Oil Cargo During Voyage

4. Identity of the tank(s)
 - .1 From:
 - .2 To: (state quantity transferred and total quantity of tank(s)).
5. Was (were) the tank(s) in 4.1 emptied? (If not, state quantity retained).

(C) Unloading of Oil Cargo

6. Place of unloading.
7. Identity of tank(s) unloaded.
8. Was (were) the tank(s) emptied? (If not, state quantity retained).

(D) Crude Oil Washing (COW Tankers Only)

(To be completed for each tank being crude oil washed)

9. Port where crude oil washing was carried out or ship's position if carried out between two discharge ports.
10. Identity of tank(s) washed. 1/
11. Number of machines in use.
12. Time of start of washing.
13. Washing pattern employed. 2/
14. Washing line pressure.
15. Time washing was completed or stopped.
16. State method of establishing that tank(s) was (were) dry.
17. Remarks. 3/

(E) Ballasting of Cargo Tanks

18. Position of ship at start and end of ballasting.
19. Ballasting process:
 - .1 identity of tank(s) ballasted;
 - .2 time of start and end;
 - .3 quantity of ballast received. Indicate total quantity of ballast for each tank involved in the operation.

- 1/ When an individual tank has more machines than can be operated simultaneously, as described in the Operations and Equipment Manual, then the section being crude oil washed should be identified, eg. No. 2 centre, forward section.
- 2/ In accordance with the Operations and Equipment Manual, enter whether single-stage or multi-stage method of washing is employed. If multi-stage method is used, give the vertical arc covered by the machines and the number of times that arc is covered for that particular stage of the programme.
- 3/ If the programmes given in the Operations and Equipment Manual are not followed, then the reasons must be given under Remarks.

(F) Ballasting of Dedicated Clean Ballast Tanks (CBT Tankers Only)

20. Identity of tank(s) ballasted.
21. Position of ship when water intended for flushing, or port ballast was taken to dedicated clean ballast tank(s).
22. Position of ship when pump(s) and lines were flushed to slop tank.
23. Quantity of the oily water which, after line flushing, is transferred to the slop tank(s) or cargo tank(s) in which slop is preliminarily stored (identify tank(s)). State the total quantity.
24. Position of ship when additional ballast water was taken to dedicated clean ballast tank(s).
25. Time and position of ship when valves separating the dedicated clean ballast tanks from cargo and stripping lines were closed.
26. Quantity of clean ballast taken on board.

(G) Cleaning of Cargo Tanks

27. Identity of tank(s) cleaned.
28. Port or ship's position.
29. Duration of cleaning.
30. Method of cleaning. 4/
31. Tank washings transferred to:
 - .1 Reception facilities(state port and quantity). 5/;
 - .2 Slop tank(s) or cargo tank(s) designated as slop tank(s) (identify tank(s); state quantity transferred and total quantity)

(H) Discharge of Dirty Ballast

32. Identity of tank(s).
33. Position of ship at start of discharge into the sea.
34. Position of ship on completion of discharge into the sea.
35. Quantity discharged into the sea.
36. Ship's speed(s) during discharge.
37. Was the discharge monitoring and control system in operation during the discharge?
38. Was a regular check kept on the effluent and the surface of the water in the locality of the discharge?
39. Quantity of oily water transferred to slop tank(s) (identify slop tank(s)). State total quantity.
40. Discharged to shore reception facilities (identify port and quantity involved)5/

4/ Hand hosing, machine washing and/or chemical cleaning. Where chemically cleaned, the chemical concerned and amount used should be stated.

5/ Ships' masters should obtain from the operator of the reception facilities, which include barges and tank trucks, a receipt or certificate detailing the quantity of tank washings, dirty ballast, residues or oily mixtures transferred, together with the time and date of the transfer. This receipt or certificate, if attached to the Oil Record Book, may aid the master of the ship in proving that his ship was not involved in an alleged pollution incident. The receipt or certificate should be kept together with the Oil Record Book.

(I) Discharge of Slop Tanks into the Sea

41. Identity of slop tank(s).
42. Time of settling from last entry of residues, or
43. Time of settling from last discharge.
44. Time and position of ship at start of discharge.
45. Ullage of total contents at start of discharge.
46. Ullage of oil/water interface at start of discharge.
47. Bulk quantity discharged and rate of discharge.
48. Final quantity discharged and rate of discharge.
49. Time and position of ship on completion of discharge.
50. Was the discharge monitoring and control system in operation during the discharge?
51. Ullage of oil/water interface on completion of discharge.
52. Ship's speed(s) during discharge.
53. Was a regular check kept on the effluent and the surface of the water in the locality of the discharge?
54. Confirm that all applicable valves in the ship's piping system have been closed on completion of discharge from the slop tanks.

(J) Disposal of Residues and Oily Mixtures not Otherwise Dealt with

55. Identity of tank(s).
56. Quantity disposed of from each tank.(State the quantity retained.)
57. Method of disposal:
 - .1 To reception facilities (identify port and quantity involved)^{5/};
 - .2 Mixed with cargo (state quantity);
 - .3 Transferred to (an)other tank(s) (identify tank(s); state quantity transferred and total quantity in tank(s));
 - .4 Other method (state which); state quantity disposed of.

(K) Discharge of Clean Ballast Contained in Cargo Tanks

58. Position of ship at start of discharge of clean ballast.
59. Identity of tank(s) discharged.
60. Was (were) the tank(s) empty on completion?
61. Position of ship on completion if different from 58.
62. Was a regular check kept on the effluent and the surface of the water in the locality of the discharge?

^{5/} Ships' masters should obtain from the operator of the reception facilities, which include barges and tank trucks, a receipt or certificate detailing the quantity of tank washings, dirty ballast, residues or oily mixtures transferred, together with the time and date of the transfer. This receipt or certificate, if attached to the Oil Record Book, may aid the master of the ship in proving that his ship was not involved in an alleged pollution incident. The receipt or certificate should be kept together with the Oil Record Book.

(L) Discharge of Ballast from Dedicated Clean Ballast Tanks (CBT Tankers Only)

63. Identity of tank(s) discharged.
64. Time and position of ship at start of discharge of clean ballast into the sea.
65. Time and position of ship on completion of discharge into the sea.
66. Quantity discharged:
 - .1 Into the sea; or
 - .2 To reception facility (identify port).
67. Was there any indication of oil contamination of the ballast water before or during discharge into the sea?
68. Was the discharge monitored by an oil content meter?
69. Time and position of ship when valves separating dedicated clean ballast tanks from the cargo and stripping lines were closed on completion of deballasting.

(M) Condition of Oil Discharge Monitoring and Control System

70. Time of system failure.
71. Time when system has been made operational.
72. Reasons for failure.

(N) Accidental or Other Exceptional Discharges of Oil

73. Time of occurrence.
74. Port or ship's position at time of occurrence.
75. Approximate quantity and type of oil.
76. Circumstances of discharge or escape, the reasons therefor and general remarks.

(O) Additional Operational Procedures and General Remarks

TANKERS ENGAGED IN SPECIFIC TRADES

(P) Loading of Ballast Water

77. Identity of tank(s) ballasted.
78. Position of ship when ballasted.
79. Total quantity of ballast loaded in cubic metres.
80. Remarks.

(Q) Re-allocation of Ballast Water within the Ship

81. Reasons for re-allocation

(R) Ballast Water Discharge to Reception Facility

82. Port(s) where ballast water was discharged.
83. Name or designation of reception facility.
84. Total quantity of ballast water discharged in cubic metres.
85. Date, signature and stamp of port authority official.

