

CONTENS

CONTENS.....	3
PREFACE	5
1. METEOROLOGY	7
2. COMPOSITION AND STRUCTURE OF EARTH'S ATMOSPHERE.....	17
3. WATER IN THE ATMOSPHERE	25
4. VISIBILITY	47
5. ATMOSPHERIC PRESSURE.....	51
6. WIND	53
7. WINDS ON THE GLOBE	67
8. GENERAL CIRCULATUIN OF THE ATMOSPHERE	75
9. LOWS AND HIGHS	81
10. ATMOSPHERIC FRONTS	87
11. ATMOSPHERIC PHENOMENAS.....	95
12. TROPICAL CYCLONES	99
13. AVOIDING TROPICAL CYCLONES	107
14. WEATHER ELEMENTS OBSERVED AND MEASURED	111
15. SHIP'S METEOROLOGICAL DEVICES	121
16. CONDUCT MEASUREMENTS AND METEOROLOGICAL OBSERVATIONS.....	133
17. LOG BOOK AND LOG METEOROLOGICAL OBSERVA-TION.....	137
18. SYNOP AND SHIP CODES	141
19. STATION MODEL	143
20. RECEPTION OF WEATHER INFORMATION ON THE SHIP	149
21. INTERPRETATION OF WEATHER INFORMATION.....	175
22. READING SYNOPTIC CHARTS	183
SUMMARY	195
BIBLIOGRAPHY.....	197