

表 - 8.53(a) 中城湾 波高・周期別出現頻度統計 (2002年12月~2003年2月)

2002年12月~2003年2月(冬)

波高・周期別度数分布表 (有義波)

観測地点: 中城湾

| 波高            | 周期 | ~ 3        | 3 ~ 4      | 4 ~ 5        | 5 ~ 6          | 6 ~ 7          | 7 ~ 8          | 8 ~ 9          | 9 ~ 10          | 10 ~ 11         | 11 ~ 12         | 12 ~ 13         | 13 ~ 14        | 14 ~ 15        | 15 ~ 16        | 16 ~ 17        | 17 ~ 18        | 18 ~ 19        | 19 ~           | 合 計            | 未超過            | 補足 1           | 補足 2           |                |
|---------------|----|------------|------------|--------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 1201 ~        |    |            |            |              |                |                |                |                |                 |                 |                 |                 |                |                |                |                |                |                |                | 0<br>( 0 )     | 1079<br>(1000) | 1080<br>(1000) | 1080<br>(1000) |                |
| 1101 ~ 1200   |    |            |            |              |                |                |                |                |                 |                 |                 |                 |                |                |                |                |                |                |                | 0<br>( 0 )     | 1079<br>(1000) | 1080<br>(1000) | 1080<br>(1000) |                |
| 1001 ~ 1100   |    |            |            |              |                |                |                |                |                 |                 |                 |                 |                |                |                |                |                |                |                | 0<br>( 0 )     | 1079<br>(1000) | 1080<br>(1000) | 1080<br>(1000) |                |
| 901 ~ 1000    |    |            |            |              |                |                |                |                |                 |                 |                 |                 |                |                |                |                |                |                |                | 0<br>( 0 )     | 1079<br>(1000) | 1080<br>(1000) | 1080<br>(1000) |                |
| 801 ~ 900     |    |            |            |              |                |                |                |                |                 |                 |                 |                 |                |                |                |                |                |                |                | 0<br>( 0 )     | 1079<br>(1000) | 1080<br>(1000) | 1080<br>(1000) |                |
| 701 ~ 800     |    |            |            |              |                |                |                |                |                 |                 |                 |                 |                |                |                |                |                |                |                | 0<br>( 0 )     | 1079<br>(1000) | 1080<br>(1000) | 1080<br>(1000) |                |
| 651 ~ 700     |    |            |            |              |                |                |                |                |                 |                 |                 |                 |                |                |                |                |                |                |                | 0<br>( 0 )     | 1079<br>(1000) | 1080<br>(1000) | 1080<br>(1000) |                |
| 601 ~ 650     |    |            |            |              |                |                |                |                |                 |                 |                 |                 |                |                |                |                |                |                |                | 0<br>( 0 )     | 1079<br>(1000) | 1080<br>(1000) | 1080<br>(1000) |                |
| 551 ~ 600     |    |            |            |              |                |                |                |                |                 |                 |                 |                 |                |                |                |                |                |                |                | 0<br>( 0 )     | 1079<br>(1000) | 1080<br>(1000) | 1080<br>(1000) |                |
| 501 ~ 550     |    |            |            |              |                |                |                |                |                 |                 |                 |                 |                |                |                |                |                |                |                | 0<br>( 0 )     | 1079<br>(1000) | 1080<br>(1000) | 1080<br>(1000) |                |
| 451 ~ 500     |    |            |            |              |                |                |                |                |                 |                 |                 |                 |                |                |                |                |                |                |                | 0<br>( 0 )     | 1079<br>(1000) | 1080<br>(1000) | 1080<br>(1000) |                |
| 401 ~ 450     |    |            |            |              |                |                |                |                |                 |                 |                 |                 |                |                |                |                |                |                |                | 0<br>( 0 )     | 1079<br>(1000) | 1080<br>(1000) | 1080<br>(1000) |                |
| 351 ~ 400     |    |            |            |              |                |                |                |                |                 |                 |                 |                 |                |                |                |                |                |                |                | 0<br>( 0 )     | 1079<br>(1000) | 1080<br>(1000) | 1080<br>(1000) |                |
| 301 ~ 350     |    |            |            |              |                |                |                |                |                 |                 |                 |                 |                |                |                |                |                |                |                | 0<br>( 0 )     | 1079<br>(1000) | 1080<br>(1000) | 1080<br>(1000) |                |
| 251 ~ 300     |    |            |            |              |                |                |                |                |                 |                 |                 |                 |                |                |                |                |                |                |                | 0<br>( 0 )     | 1079<br>(1000) | 1080<br>(1000) | 1080<br>(1000) |                |
| 201 ~ 250     |    |            |            |              |                | 1<br>( 1 )     | 5<br>( 5 )     | 1<br>( 1 )     |                 |                 |                 |                 |                |                |                |                |                |                |                | 7<br>( 6 )     | 1079<br>(1000) | 1080<br>(1000) | 1080<br>(1000) |                |
| 176 ~ 200     |    |            |            |              | 1<br>( 1 )     | 1<br>( 1 )     | 2<br>( 2 )     |                |                 | 1<br>( 1 )      |                 | 1<br>( 1 )      |                |                |                |                |                |                |                | 6<br>( 6 )     | 1072<br>(994)  | 1073<br>(994)  | 1073<br>(994)  |                |
| 151 ~ 175     |    |            |            |              | 1<br>( 1 )     | 10<br>( 9 )    | 6<br>( 6 )     | 3<br>( 3 )     | 5<br>( 5 )      | 7<br>( 6 )      | 1<br>( 1 )      | 1<br>( 1 )      | 1<br>( 1 )     |                |                |                |                |                |                | 36<br>( 33 )   | 1066<br>(988)  | 1067<br>(988)  | 1067<br>(988)  |                |
| 126 ~ 150     |    |            |            |              | 30<br>( 28 )   | 28<br>( 26 )   | 17<br>( 16 )   | 10<br>( 9 )    | 23<br>( 21 )    | 4<br>( 4 )      | 2<br>( 2 )      | 3<br>( 3 )      |                |                |                |                |                |                |                | 117<br>( 108 ) | 1030<br>(955)  | 1031<br>(955)  | 1031<br>(955)  |                |
| 101 ~ 125     |    |            |            |              | 1<br>( 1 )     | 41<br>( 38 )   | 71<br>( 66 )   | 48<br>( 44 )   | 29<br>( 27 )    | 17<br>( 16 )    | 9<br>( 8 )      |                 |                |                |                |                |                |                |                | 216<br>( 200 ) | 913<br>(846)   | 216<br>( 200 ) | 914<br>(846)   |                |
| 76 ~ 100      |    |            |            |              | 8<br>( 7 )     | 50<br>( 46 )   | 103<br>( 95 )  | 107<br>( 99 )  | 81<br>( 75 )    | 33<br>( 31 )    | 15<br>( 14 )    | 3<br>( 3 )      | 2<br>( 2 )     |                |                |                |                |                |                | 402<br>( 373 ) | 697<br>(646)   | 402<br>( 372 ) | 698<br>(646)   |                |
| 51 ~ 75       |    |            |            |              | 15<br>( 14 )   | 40<br>( 37 )   | 74<br>( 69 )   | 74<br>( 69 )   | 40<br>( 37 )    | 28<br>( 26 )    | 6<br>( 6 )      |                 |                |                |                |                |                |                |                | 277<br>( 257 ) | 295<br>( 273 ) | 278<br>( 257 ) | 296<br>( 274 ) |                |
| 26 ~ 50       |    |            |            |              | 2<br>( 2 )     |                | 4<br>( 4 )     | 8<br>( 7 )     | 3<br>( 3 )      | 1<br>( 1 )      |                 |                 |                |                |                |                |                |                |                | 18<br>( 17 )   | 18<br>( 17 )   | 18<br>( 17 )   | 18<br>( 17 )   |                |
| ~ 25          |    |            |            |              |                |                |                |                |                 |                 |                 |                 |                |                |                |                |                |                |                | 0<br>( 0 )     | 0<br>( 0 )     |                |                |                |
| 合 計<br>(0.1%) |    | 0<br>( 0 ) | 0<br>( 0 ) | 26<br>( 24 ) | 163<br>( 151 ) | 292<br>( 271 ) | 268<br>( 248 ) | 167<br>( 155 ) | 107<br>( 99 )   | 42<br>( 39 )    | 6<br>( 6 )      | 7<br>( 6 )      | 1<br>( 1 )     | 0<br>( 0 )     | 0<br>( 0 )     | 0<br>( 0 )     | 0<br>( 0 )     | 0<br>( 0 )     | 0<br>( 0 )     | 1079<br>(1000) |                | 1080<br>(1000) | 1<br>( 1 )     | 1080<br>(1000) |
| 未超過<br>(0.1%) |    | 0<br>( 0 ) | 0<br>( 0 ) | 26<br>( 24 ) | 189<br>( 175 ) | 481<br>( 446 ) | 749<br>( 694 ) | 916<br>( 849 ) | 1023<br>( 948 ) | 1065<br>( 987 ) | 1071<br>( 993 ) | 1078<br>( 999 ) | 1079<br>(1000) | 1079<br>(1000) | 1079<br>(1000) | 1079<br>(1000) | 1079<br>(1000) | 1079<br>(1000) | 1079<br>(1000) |                |                |                |                |                |

表 - 8.53(b) 中城湾 波高・周期別出現頻度統計 (2003年3月~2003年5月)

2003年3月~2003年5月(春)

波高・周期別度数分布表 (有義波)

観測地点: 中城湾

| 波高            | 周期 | ~ 3      | 3 ~ 4    | 4 ~ 5    | 5 ~ 6      | 6 ~ 7        | 7 ~ 8        | 8 ~ 9        | 9 ~ 10       | 10 ~ 11       | 11 ~ 12       | 12 ~ 13       | 13 ~ 14        | 14 ~ 15        | 15 ~ 16        | 16 ~ 17        | 17 ~ 18        | 18 ~ 19        | 19 ~           | 合 計            | 未超過            | 補足 1           | 補足 2           |                |
|---------------|----|----------|----------|----------|------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 1201 ~        |    |          |          |          |            |              |              |              |              |               |               |               |                |                |                |                |                |                |                | 0<br>(0)       | 1035<br>(1000) | 1038<br>(1000) | 1038<br>(1000) |                |
| 1101 ~ 1200   |    |          |          |          |            |              |              |              |              |               |               |               |                |                |                |                |                |                |                | 0<br>(0)       | 1035<br>(1000) | 1038<br>(1000) | 1038<br>(1000) |                |
| 1001 ~ 1100   |    |          |          |          |            |              |              |              |              |               |               |               |                |                |                |                |                |                |                | 0<br>(0)       | 1035<br>(1000) | 1038<br>(1000) | 1038<br>(1000) |                |
| 901 ~ 1000    |    |          |          |          |            |              |              |              |              |               |               |               |                |                |                |                |                |                |                | 0<br>(0)       | 1035<br>(1000) | 1038<br>(1000) | 1038<br>(1000) |                |
| 801 ~ 900     |    |          |          |          |            |              |              |              |              |               |               |               |                |                |                |                |                |                |                | 0<br>(0)       | 1035<br>(1000) | 1038<br>(1000) | 1038<br>(1000) |                |
| 701 ~ 800     |    |          |          |          |            |              |              |              |              |               |               |               |                |                |                |                |                |                |                | 0<br>(0)       | 1035<br>(1000) | 1038<br>(1000) | 1038<br>(1000) |                |
| 651 ~ 700     |    |          |          |          |            |              |              |              |              |               |               |               |                |                |                |                |                |                |                | 0<br>(0)       | 1035<br>(1000) | 1038<br>(1000) | 1038<br>(1000) |                |
| 601 ~ 650     |    |          |          |          |            |              |              |              |              |               |               |               |                |                |                |                |                |                |                | 0<br>(0)       | 1035<br>(1000) | 1038<br>(1000) | 1038<br>(1000) |                |
| 551 ~ 600     |    |          |          |          |            |              |              |              |              |               |               |               |                |                |                |                |                |                |                | 0<br>(0)       | 1035<br>(1000) | 1038<br>(1000) | 1038<br>(1000) |                |
| 501 ~ 550     |    |          |          |          |            |              |              |              |              |               |               |               |                |                |                |                |                |                |                | 0<br>(0)       | 1035<br>(1000) | 1038<br>(1000) | 1038<br>(1000) |                |
| 451 ~ 500     |    |          |          |          |            |              |              |              |              |               |               |               |                |                |                |                |                |                |                | 0<br>(0)       | 1035<br>(1000) | 1038<br>(1000) | 1038<br>(1000) |                |
| 401 ~ 450     |    |          |          |          |            |              |              | 1<br>(1)     | 2<br>(2)     |               |               |               |                |                |                |                |                |                |                | 3<br>(3)       | 1035<br>(1000) | 3<br>(3)       | 1038<br>(1000) |                |
| 351 ~ 400     |    |          |          |          |            |              |              | 1<br>(1)     | 1<br>(1)     | 1<br>(1)      |               |               |                |                |                |                |                |                |                | 3<br>(3)       | 1032<br>(997)  | 3<br>(3)       | 1035<br>(997)  |                |
| 301 ~ 350     |    |          |          |          |            |              |              | 1<br>(1)     | 1<br>(1)     | 1<br>(1)      |               |               |                |                |                |                |                |                |                | 2<br>(2)       | 1029<br>(994)  | 2<br>(2)       | 1032<br>(994)  |                |
| 251 ~ 300     |    |          |          |          |            |              |              | 4<br>(4)     | 1<br>(1)     | 2<br>(2)      |               |               |                |                |                |                |                |                |                | 7<br>(7)       | 1027<br>(992)  | 7<br>(7)       | 1030<br>(992)  |                |
| 201 ~ 250     |    |          |          |          |            | 2<br>(2)     | 4<br>(4)     | 8<br>(8)     | 6<br>(6)     | 2<br>(2)      | 1<br>(1)      |               | 1<br>(1)       |                |                |                |                |                |                | 24<br>(23)     | 1020<br>(986)  | 24<br>(23)     | 1023<br>(986)  |                |
| 176 ~ 200     |    |          |          |          |            | 12<br>(12)   | 5<br>(5)     | 9<br>(9)     | 9<br>(9)     | 10<br>(10)    | 4<br>(4)      | 1<br>(1)      |                |                |                |                |                |                |                | 50<br>(48)     | 996<br>(962)   | 50<br>(48)     | 999<br>(962)   |                |
| 151 ~ 175     |    |          |          |          | 1<br>(1)   | 27<br>(26)   | 11<br>(11)   | 17<br>(16)   | 23<br>(22)   | 6<br>(6)      |               |               |                |                |                |                |                |                |                | 85<br>(82)     | 946<br>(914)   | 85<br>(82)     | 949<br>(914)   |                |
| 126 ~ 150     |    |          |          |          | 12<br>(12) | 45<br>(43)   | 23<br>(22)   | 23<br>(22)   | 15<br>(14)   |               |               |               |                |                |                |                |                |                |                | 118<br>(114)   | 861<br>(832)   | 118<br>(114)   | 864<br>(832)   |                |
| 101 ~ 125     |    |          |          |          | 28<br>(27) | 58<br>(56)   | 71<br>(69)   | 43<br>(42)   | 12<br>(12)   | 2<br>(2)      |               |               |                |                |                |                |                |                |                | 214<br>(207)   | 743<br>(718)   | 214<br>(206)   | 746<br>(719)   |                |
| 76 ~ 100      |    |          |          |          | 32<br>(31) | 78<br>(75)   | 105<br>(101) | 88<br>(85)   | 15<br>(14)   | 2<br>(2)      | 1<br>(1)      |               |                |                |                |                |                |                |                | 321<br>(310)   | 529<br>(511)   | 323<br>(311)   | 532<br>(513)   |                |
| 51 ~ 75       |    |          |          |          | 7<br>(7)   | 30<br>(29)   | 79<br>(76)   | 67<br>(65)   | 11<br>(11)   | 3<br>(3)      |               |               |                |                |                |                |                |                |                | 197<br>(190)   | 208<br>(201)   | 198<br>(191)   | 209<br>(201)   |                |
| 26 ~ 50       |    |          |          |          |            | 1<br>(1)     | 4<br>(4)     | 6<br>(6)     |              |               |               |               |                |                |                |                |                |                |                | 11<br>(11)     | 11<br>(11)     | 11<br>(11)     | 11<br>(11)     |                |
| ~ 25          |    |          |          |          |            |              |              |              |              |               |               |               |                |                |                |                |                |                |                | 0<br>(0)       | 0<br>(0)       |                |                |                |
| 合 計<br>(0.1%) |    | 0<br>(0) | 0<br>(0) | 0<br>(0) | 80<br>(77) | 253<br>(244) | 302<br>(292) | 268<br>(259) | 95<br>(92)   | 29<br>(28)    | 6<br>(6)      | 1<br>(1)      | 1<br>(1)       | 0<br>(0)       | 0<br>(0)       | 0<br>(0)       | 0<br>(0)       | 0<br>(0)       | 0<br>(0)       | 1035<br>(1000) |                | 1038<br>(1000) | 3<br>(3)       | 1038<br>(1000) |
| 未超過<br>(0.1%) |    | 0<br>(0) | 0<br>(0) | 0<br>(0) | 80<br>(77) | 333<br>(322) | 635<br>(614) | 903<br>(872) | 998<br>(964) | 1027<br>(992) | 1033<br>(998) | 1034<br>(999) | 1035<br>(1000) | 1035<br>(1000) | 1035<br>(1000) | 1035<br>(1000) | 1035<br>(1000) | 1035<br>(1000) | 1035<br>(1000) |                |                |                |                |                |

表 - 8.53(c) 中城湾 波高・周期別出現頻度統計 (2003年6月~2003年8月)

2003年6月~2003年8月(夏)

波高・周期別度数分布表 (有義波)

観測地点: 中城湾

| 波高            | 周期 | ~ 3      | 3 ~ 4    | 4 ~ 5      | 5 ~ 6        | 6 ~ 7        | 7 ~ 8        | 8 ~ 9        | 9 ~ 10        | 10 ~ 11       | 11 ~ 12       | 12 ~ 13       | 13 ~ 14       | 14 ~ 15       | 15 ~ 16        | 16 ~ 17        | 17 ~ 18        | 18 ~ 19        | 19 ~           | 合 計            | 未超過            | 補足 1           | 補足 2           |
|---------------|----|----------|----------|------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 1201 ~        |    |          |          |            |              |              |              |              |               |               |               |               |               |               |                |                |                |                |                | 0<br>(0)       | 1076<br>(1000) | 1076<br>(1000) | 1076<br>(1000) |
| 1101 ~ 1200   |    |          |          |            |              |              |              |              |               |               |               |               |               |               |                |                |                |                |                | 0<br>(0)       | 1076<br>(1000) | 1076<br>(1000) | 1076<br>(1000) |
| 1001 ~ 1100   |    |          |          |            |              |              |              |              |               |               |               |               |               |               |                |                |                |                |                | 0<br>(0)       | 1076<br>(1000) | 1076<br>(1000) | 1076<br>(1000) |
| 901 ~ 1000    |    |          |          |            |              |              |              |              |               |               |               |               |               |               | 1<br>(1)       |                |                |                |                | 1<br>(1)       | 1076<br>(1000) | 1076<br>(1000) | 1076<br>(1000) |
| 801 ~ 900     |    |          |          |            |              |              |              |              |               |               |               | 1<br>(1)      |               |               |                |                |                |                |                | 1<br>(1)       | 1075<br>(999)  | 1075<br>(999)  | 1075<br>(999)  |
| 701 ~ 800     |    |          |          |            |              |              |              |              |               |               |               |               | 1<br>(1)      |               |                |                |                |                |                | 1<br>(1)       | 1074<br>(998)  | 1074<br>(998)  | 1074<br>(998)  |
| 651 ~ 700     |    |          |          |            |              |              |              |              |               |               |               |               |               |               |                |                |                |                |                | 0<br>(0)       | 1073<br>(997)  | 1073<br>(997)  | 1073<br>(997)  |
| 601 ~ 650     |    |          |          |            |              |              |              |              |               |               | 1<br>(1)      |               |               |               |                |                |                |                |                | 1<br>(1)       | 1073<br>(997)  | 1073<br>(997)  | 1073<br>(997)  |
| 551 ~ 600     |    |          |          |            |              |              |              |              |               |               |               |               |               |               |                |                |                |                |                | 0<br>(0)       | 1072<br>(996)  | 1072<br>(996)  | 1072<br>(996)  |
| 501 ~ 550     |    |          |          |            |              |              |              |              |               |               | 2<br>(2)      |               |               |               |                |                |                |                |                | 2<br>(2)       | 1072<br>(996)  | 1072<br>(996)  | 1072<br>(996)  |
| 451 ~ 500     |    |          |          |            |              |              |              |              |               |               |               |               |               |               |                |                |                |                |                | 0<br>(0)       | 1070<br>(994)  | 1070<br>(994)  | 1070<br>(994)  |
| 401 ~ 450     |    |          |          |            |              |              |              |              |               | 1<br>(1)      |               |               |               |               |                |                |                |                |                | 1<br>(1)       | 1070<br>(994)  | 1070<br>(994)  | 1070<br>(994)  |
| 351 ~ 400     |    |          |          |            |              |              |              |              |               | 1<br>(1)      |               |               |               |               |                |                |                |                |                | 1<br>(1)       | 1069<br>(993)  | 1069<br>(993)  | 1069<br>(993)  |
| 301 ~ 350     |    |          |          |            |              |              | 1<br>(1)     | 1<br>(1)     | 5<br>(5)      |               |               |               |               |               |                |                |                |                |                | 7<br>(7)       | 1068<br>(993)  | 1068<br>(993)  | 1068<br>(993)  |
| 251 ~ 300     |    |          |          |            |              | 4<br>(4)     |              | 2<br>(2)     | 5<br>(5)      | 1<br>(1)      |               | 1<br>(1)      |               |               |                |                |                |                |                | 13<br>(12)     | 1061<br>(986)  | 1061<br>(986)  | 1061<br>(986)  |
| 201 ~ 250     |    |          |          |            |              | 5<br>(5)     | 2<br>(2)     | 13<br>(12)   | 8<br>(7)      | 3<br>(3)      | 2<br>(2)      |               |               |               |                |                |                |                |                | 33<br>(31)     | 1048<br>(974)  | 1048<br>(974)  | 1048<br>(974)  |
| 176 ~ 200     |    |          |          |            | 1<br>(1)     | 27<br>(25)   | 5<br>(5)     | 4<br>(4)     | 4<br>(4)      |               |               |               |               |               |                |                |                |                |                | 41<br>(38)     | 1015<br>(943)  | 1015<br>(943)  | 1015<br>(943)  |
| 151 ~ 175     |    |          |          |            | 8<br>(7)     | 30<br>(28)   | 19<br>(18)   | 9<br>(8)     | 3<br>(3)      |               |               |               |               |               |                |                |                |                |                | 69<br>(64)     | 974<br>(905)   | 974<br>(905)   | 974<br>(905)   |
| 126 ~ 150     |    |          |          |            | 8<br>(7)     | 26<br>(24)   | 16<br>(15)   | 4<br>(4)     | 2<br>(2)      |               |               |               |               |               |                |                |                |                |                | 56<br>(52)     | 905<br>(841)   | 905<br>(841)   | 905<br>(841)   |
| 101 ~ 125     |    |          |          |            | 7<br>(7)     | 26<br>(24)   | 25<br>(23)   | 17<br>(16)   | 7<br>(7)      |               |               |               |               |               |                |                |                |                |                | 82<br>(76)     | 849<br>(789)   | 849<br>(789)   | 849<br>(789)   |
| 76 ~ 100      |    |          |          | 3<br>(3)   | 44<br>(41)   | 40<br>(37)   | 53<br>(49)   | 36<br>(33)   | 14<br>(13)    | 1<br>(1)      |               |               |               |               |                |                |                |                |                | 191<br>(178)   | 767<br>(713)   | 767<br>(713)   | 767<br>(713)   |
| 51 ~ 75       |    |          | 1<br>(1) | 41<br>(38) | 129<br>(120) | 81<br>(75)   | 80<br>(74)   | 59<br>(55)   | 31<br>(29)    |               |               |               |               |               |                |                |                |                |                | 422<br>(392)   | 576<br>(535)   | 576<br>(535)   | 576<br>(535)   |
| 26 ~ 50       |    |          |          | 19<br>(18) | 36<br>(33)   | 39<br>(36)   | 30<br>(28)   | 22<br>(20)   | 8<br>(7)      |               |               |               |               |               |                |                |                |                |                | 154<br>(143)   | 154<br>(143)   | 154<br>(143)   | 154<br>(143)   |
| ~ 25          |    |          |          |            |              |              |              |              |               |               |               |               |               |               |                |                |                |                |                | 0<br>(0)       | 0<br>(0)       |                |                |
| 合 計<br>(0.1%) |    | 0<br>(0) | 1<br>(1) | 63<br>(59) | 233<br>(217) | 278<br>(258) | 231<br>(215) | 167<br>(155) | 87<br>(81)    | 7<br>(7)      | 5<br>(5)      | 2<br>(2)      | 1<br>(1)      | 0<br>(0)      | 1<br>(1)       | 0<br>(0)       | 0<br>(0)       | 0<br>(0)       | 0<br>(0)       | 1076<br>(1000) |                | 1076<br>(1000) | 1076<br>(1000) |
| 未超過<br>(0.1%) |    | 0<br>(0) | 1<br>(1) | 64<br>(59) | 297<br>(276) | 575<br>(534) | 806<br>(749) | 973<br>(904) | 1060<br>(985) | 1067<br>(992) | 1072<br>(996) | 1074<br>(998) | 1075<br>(999) | 1075<br>(999) | 1076<br>(1000) | 1076<br>(1000) | 1076<br>(1000) | 1076<br>(1000) | 1076<br>(1000) |                |                |                |                |

表 - 8.53(d) 中城湾 波高・周期別出現頻度統計 (2003年9月~2003年11月)

2003年9月~2003年11月(秋)

波高・周期別度数分布表 (有義波)

観測地点: 中城湾

| 波高            | 周期 | ~ 3      | 3 ~ 4    | 4 ~ 5    | 5 ~ 6        | 6 ~ 7        | 7 ~ 8        | 8 ~ 9        | 9 ~ 10       | 10 ~ 11       | 11 ~ 12       | 12 ~ 13       | 13 ~ 14       | 14 ~ 15        | 15 ~ 16        | 16 ~ 17        | 17 ~ 18        | 18 ~ 19        | 19 ~           | 合 計            | 未超過            | 補足 1           | 補足 2           |
|---------------|----|----------|----------|----------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 1201 ~        |    |          |          |          |              |              |              |              |              |               |               |               |               |                |                |                |                |                |                | 0<br>(0)       | 1092<br>(1000) | 1092<br>(1000) | 1092<br>(1000) |
| 1101 ~ 1200   |    |          |          |          |              |              |              |              |              |               |               |               |               |                |                |                |                |                |                | 0<br>(0)       | 1092<br>(1000) | 1092<br>(1000) | 1092<br>(1000) |
| 1001 ~ 1100   |    |          |          |          |              |              |              |              |              |               |               |               |               |                |                |                |                |                |                | 0<br>(0)       | 1092<br>(1000) | 1092<br>(1000) | 1092<br>(1000) |
| 901 ~ 1000    |    |          |          |          |              |              |              |              |              |               |               |               |               |                |                |                |                |                |                | 0<br>(0)       | 1092<br>(1000) | 1092<br>(1000) | 1092<br>(1000) |
| 801 ~ 900     |    |          |          |          |              |              |              |              |              |               |               |               |               |                |                |                |                |                |                | 0<br>(0)       | 1092<br>(1000) | 1092<br>(1000) | 1092<br>(1000) |
| 701 ~ 800     |    |          |          |          |              |              |              |              |              |               |               |               |               |                |                |                |                |                |                | 0<br>(0)       | 1092<br>(1000) | 1092<br>(1000) | 1092<br>(1000) |
| 651 ~ 700     |    |          |          |          |              |              |              |              |              |               |               |               |               |                |                |                |                |                |                | 0<br>(0)       | 1092<br>(1000) | 1092<br>(1000) | 1092<br>(1000) |
| 601 ~ 650     |    |          |          |          |              |              |              |              |              |               |               |               |               |                |                |                |                |                |                | 0<br>(0)       | 1092<br>(1000) | 1092<br>(1000) | 1092<br>(1000) |
| 551 ~ 600     |    |          |          |          |              |              |              |              |              |               |               |               |               |                |                |                |                |                |                | 0<br>(0)       | 1092<br>(1000) | 1092<br>(1000) | 1092<br>(1000) |
| 501 ~ 550     |    |          |          |          |              |              |              |              | 1<br>(1)     | 1<br>(1)      |               |               |               |                |                |                |                |                |                | 2<br>(2)       | 1092<br>(1000) | 1092<br>(1000) | 1092<br>(1000) |
| 451 ~ 500     |    |          |          |          |              |              |              | 1<br>(1)     | 1<br>(1)     | 1<br>(1)      |               |               |               |                |                |                |                |                |                | 3<br>(3)       | 1090<br>(998)  | 1090<br>(998)  | 1090<br>(998)  |
| 401 ~ 450     |    |          |          |          |              |              |              | 8<br>(7)     | 5<br>(5)     | 2<br>(2)      | 1<br>(1)      |               |               |                |                |                |                |                |                | 16<br>(15)     | 1087<br>(995)  | 1087<br>(995)  | 1087<br>(995)  |
| 351 ~ 400     |    |          |          |          |              |              |              | 6<br>(5)     | 3<br>(3)     | 3<br>(3)      | 1<br>(1)      |               | 1<br>(1)      | 1<br>(1)       |                |                |                |                |                | 15<br>(14)     | 1071<br>(981)  | 1071<br>(981)  | 1071<br>(981)  |
| 301 ~ 350     |    |          |          |          |              |              |              | 2<br>(2)     | 3<br>(3)     | 7<br>(7)      | 4<br>(4)      | 6<br>(5)      | 3<br>(3)      |                |                |                |                |                |                | 29<br>(27)     | 1056<br>(967)  | 1056<br>(967)  | 1056<br>(967)  |
| 251 ~ 300     |    |          |          |          |              |              |              | 4<br>(4)     | 15<br>(14)   | 15<br>(14)    | 13<br>(12)    | 10<br>(9)     | 8<br>(7)      |                |                |                |                |                |                | 65<br>(60)     | 1027<br>(940)  | 1027<br>(940)  | 1027<br>(940)  |
| 201 ~ 250     |    |          |          |          |              | 1<br>(1)     | 33<br>(30)   | 26<br>(24)   | 18<br>(16)   | 22<br>(20)    | 5<br>(5)      | 1<br>(1)      |               |                |                |                |                |                |                | 106<br>(97)    | 962<br>(881)   | 962<br>(881)   | 962<br>(881)   |
| 176 ~ 200     |    |          |          |          |              | 19<br>(17)   | 40<br>(37)   | 41<br>(38)   | 2<br>(2)     | 5<br>(5)      | 2<br>(2)      |               |               |                |                |                |                |                |                | 109<br>(100)   | 856<br>(784)   | 856<br>(784)   | 856<br>(784)   |
| 151 ~ 175     |    |          |          |          |              | 7<br>(6)     | 37<br>(35)   | 38<br>(34)   | 7<br>(7)     | 6<br>(6)      | 1<br>(1)      |               |               |                |                |                |                |                |                | 138<br>(126)   | 747<br>(684)   | 747<br>(684)   | 747<br>(684)   |
| 126 ~ 150     |    |          |          |          |              | 16<br>(15)   | 47<br>(43)   | 33<br>(30)   | 15<br>(14)   | 14<br>(13)    | 2<br>(2)      | 4<br>(4)      | 1<br>(1)      |                |                |                |                |                |                | 132<br>(121)   | 609<br>(558)   | 609<br>(558)   | 609<br>(558)   |
| 101 ~ 125     |    |          |          |          |              | 45<br>(41)   | 95<br>(87)   | 40<br>(37)   | 19<br>(17)   | 23<br>(21)    | 9<br>(8)      | 3<br>(3)      |               |                |                |                |                |                |                | 234<br>(214)   | 477<br>(437)   | 477<br>(437)   | 477<br>(437)   |
| 76 ~ 100      |    |          |          |          |              | 51<br>(47)   | 57<br>(52)   | 43<br>(39)   | 31<br>(28)   | 14<br>(13)    |               |               |               |                |                |                |                |                |                | 196<br>(179)   | 243<br>(223)   | 243<br>(223)   | 243<br>(223)   |
| 51 ~ 75       |    |          |          |          |              | 14<br>(13)   | 17<br>(16)   | 9<br>(8)     | 3<br>(3)     | 2<br>(2)      |               |               |               |                |                |                |                |                |                | 45<br>(41)     | 47<br>(43)     | 47<br>(43)     | 47<br>(43)     |
| 26 ~ 50       |    |          |          |          |              |              | 2<br>(2)     |              |              |               |               |               |               |                |                |                |                |                |                | 2<br>(2)       | 2<br>(2)       | 2<br>(2)       | 2<br>(2)       |
| ~ 25          |    |          |          |          |              |              |              |              |              |               |               |               |               |                |                |                |                |                |                | 0<br>(0)       | 0<br>(0)       |                |                |
| 合 計<br>(0.1%) |    | 0<br>(0) | 0<br>(0) | 0<br>(0) | 133<br>(122) | 278<br>(255) | 242<br>(222) | 205<br>(188) | 114<br>(104) | 68<br>(62)    | 31<br>(28)    | 16<br>(15)    | 4<br>(4)      | 1<br>(1)       | 0<br>(0)       | 0<br>(0)       | 0<br>(0)       | 0<br>(0)       | 0<br>(0)       | 1092<br>(1000) |                | 1092<br>(1000) | 1092<br>(1000) |
| 未超過<br>(0.1%) |    | 0<br>(0) | 0<br>(0) | 0<br>(0) | 133<br>(122) | 411<br>(376) | 653<br>(598) | 858<br>(786) | 972<br>(890) | 1040<br>(952) | 1071<br>(981) | 1087<br>(995) | 1091<br>(999) | 1092<br>(1000) | 1092<br>(1000) | 1092<br>(1000) | 1092<br>(1000) | 1092<br>(1000) | 1092<br>(1000) |                |                |                |                |

表 - 8.53(e) 中城湾 波高・周期別出現頻度統計 (2003年1月~2003年12月)

2003年 1月~2003年12月(年)

波高・周期別度数分布表 (有義波)

観測地点: 中城湾

| 波高          | 周期 | ~ 3   | 3 ~ 4  | 4 ~ 5   | 5 ~ 6   | 6 ~ 7    | 7 ~ 8    | 8 ~ 9    | 9 ~ 10   | 10 ~ 11  | 11 ~ 12  | 12 ~ 13  | 13 ~ 14  | 14 ~ 15  | 15 ~ 16  | 16 ~ 17  | 17 ~ 18  | 18 ~ 19  | 19 ~     | 合 計      | 未超過    | 補足 1   | 補足 2   |
|-------------|----|-------|--------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|--------|
| 1201 ~      |    |       |        |         |         |          |          |          |          |          |          |          |          |          |          |          |          |          |          | ( 0 )    | 4282   | 4286   | 4286   |
|             |    |       |        |         |         |          |          |          |          |          |          |          |          |          |          |          |          |          |          | ( 0 )    | (1000) | (1000) | (1000) |
| 1101 ~ 1200 |    |       |        |         |         |          |          |          |          |          |          |          |          |          |          |          |          |          |          | ( 0 )    | 4282   | 4286   | 4286   |
|             |    |       |        |         |         |          |          |          |          |          |          |          |          |          |          |          |          |          |          | ( 0 )    | (1000) | (1000) | (1000) |
| 1001 ~ 1100 |    |       |        |         |         |          |          |          |          |          |          |          |          |          |          |          |          |          |          | ( 0 )    | 4282   | 4286   | 4286   |
|             |    |       |        |         |         |          |          |          |          |          |          |          |          |          |          |          |          |          |          | ( 0 )    | (1000) | (1000) | (1000) |
| 901 ~ 1000  |    |       |        |         |         |          |          |          |          |          |          |          |          |          | ( 1 )    |          |          |          |          | ( 0 )    | 4282   | 4286   | 4286   |
|             |    |       |        |         |         |          |          |          |          |          |          |          |          |          | ( 0 )    |          |          |          |          | ( 0 )    | (1000) | (1000) | (1000) |
| 801 ~ 900   |    |       |        |         |         |          |          |          |          |          |          | ( 1 )    |          |          |          |          |          |          |          | ( 0 )    | 4281   | 4285   | 4285   |
|             |    |       |        |         |         |          |          |          |          |          |          | ( 0 )    |          |          |          |          |          |          |          | ( 0 )    | (1000) | (1000) | (1000) |
| 701 ~ 800   |    |       |        |         |         |          |          |          |          |          |          |          | ( 1 )    |          |          |          |          |          |          | ( 0 )    | 4280   | 4284   | 4284   |
|             |    |       |        |         |         |          |          |          |          |          |          |          | ( 0 )    |          |          |          |          |          |          | ( 0 )    | (1000) | (1000) | (1000) |
| 651 ~ 700   |    |       |        |         |         |          |          |          |          |          |          |          |          |          |          |          |          |          |          | ( 0 )    | 4279   | 4283   | 4283   |
|             |    |       |        |         |         |          |          |          |          |          |          |          |          |          |          |          |          |          |          | ( 0 )    | (999)  | (999)  | (999)  |
| 601 ~ 650   |    |       |        |         |         |          |          |          |          |          | ( 1 )    |          |          |          |          |          |          |          |          | ( 0 )    | 4279   | 4283   | 4283   |
|             |    |       |        |         |         |          |          |          |          |          | ( 0 )    |          |          |          |          |          |          |          |          | ( 0 )    | (999)  | (999)  | (999)  |
| 551 ~ 600   |    |       |        |         |         |          |          |          |          |          |          |          |          |          |          |          |          |          |          | ( 0 )    | 4278   | 4282   | 4282   |
|             |    |       |        |         |         |          |          |          |          |          |          |          |          |          |          |          |          |          |          | ( 0 )    | (999)  | (999)  | (999)  |
| 501 ~ 550   |    |       |        |         |         |          |          |          | ( 1 )    | ( 1 )    | ( 2 )    |          |          |          |          |          |          |          |          | ( 1 )    | 4278   | 4282   | 4282   |
|             |    |       |        |         |         |          |          |          | ( 0 )    | ( 0 )    | ( 0 )    |          |          |          |          |          |          |          |          | ( 1 )    | (999)  | (999)  | (999)  |
| 451 ~ 500   |    |       |        |         |         |          |          | ( 1 )    | ( 1 )    | ( 1 )    |          |          |          |          |          |          |          |          |          | ( 1 )    | 4274   | 4278   | 4278   |
|             |    |       |        |         |         |          |          | ( 0 )    | ( 0 )    | ( 0 )    |          |          |          |          |          |          |          |          |          | ( 1 )    | (998)  | (998)  | (998)  |
| 401 ~ 450   |    |       |        |         |         |          |          | ( 9 )    | ( 7 )    | ( 3 )    | ( 1 )    |          |          |          |          |          |          |          |          | ( 20 )   | 4271   | 4275   | 4275   |
|             |    |       |        |         |         |          |          | ( 2 )    | ( 2 )    | ( 1 )    | ( 0 )    |          |          |          |          |          |          |          |          | ( 5 )    | (997)  | (997)  | (997)  |
| 351 ~ 400   |    |       |        |         |         |          |          | ( 7 )    | ( 4 )    | ( 5 )    | ( 1 )    |          | ( 1 )    | ( 1 )    |          |          |          |          |          | ( 19 )   | 4251   | 4255   | 4255   |
|             |    |       |        |         |         |          |          | ( 2 )    | ( 1 )    | ( 1 )    | ( 0 )    |          | ( 0 )    | ( 0 )    |          |          |          |          |          | ( 4 )    | (993)  | (993)  | (993)  |
| 301 ~ 350   |    |       |        |         |         |          | ( 3 )    | ( 5 )    | ( 13 )   | ( 4 )    | ( 5 )    | ( 6 )    | ( 3 )    |          |          |          |          |          |          | ( 39 )   | 4232   | 4236   | 4236   |
|             |    |       |        |         |         |          | ( 1 )    | ( 1 )    | ( 3 )    | ( 1 )    | ( 1 )    | ( 1 )    | ( 1 )    |          |          |          |          |          |          | ( 9 )    | (988)  | (988)  | (988)  |
| 251 ~ 300   |    |       |        |         |         | ( 4 )    | ( 4 )    | ( 21 )   | ( 23 )   | ( 23 )   | ( 16 )   | ( 10 )   |          |          |          |          |          |          |          | ( 101 )  | 4193   | 4197   | 4197   |
|             |    |       |        |         |         | ( 1 )    | ( 1 )    | ( 5 )    | ( 5 )    | ( 5 )    | ( 4 )    | ( 2 )    |          |          |          |          |          |          |          | ( 24 )   | (979)  | (979)  | (979)  |
| 201 ~ 250   |    |       |        |         |         | ( 11 )   | ( 47 )   | ( 49 )   | ( 33 )   | ( 36 )   | ( 15 )   | ( 1 )    | ( 1 )    |          |          |          |          |          |          | ( 193 )  | 4092   | 4096   | 4096   |
|             |    |       |        |         |         | ( 3 )    | ( 11 )   | ( 11 )   | ( 8 )    | ( 8 )    | ( 4 )    | ( 0 )    | ( 0 )    |          |          |          |          |          |          | ( 45 )   | (956)  | (956)  | (956)  |
| 176 ~ 200   |    |       |        | ( 2 )   | ( 65 )  | ( 54 )   | ( 56 )   | ( 16 )   | ( 19 )   | ( 12 )   | ( 2 )    |          |          |          |          |          |          |          |          | ( 226 )  | 3899   | 3903   | 3903   |
|             |    |       |        | ( 0 )   | ( 15 )  | ( 13 )   | ( 13 )   | ( 4 )    | ( 4 )    | ( 3 )    | ( 0 )    |          |          |          |          |          |          |          |          | ( 53 )   | (911)  | (911)  | (911)  |
| 151 ~ 175   |    |       |        | ( 17 )  | ( 106 ) | ( 73 )   | ( 65 )   | ( 39 )   | ( 16 )   | ( 5 )    |          |          |          |          |          |          |          |          |          | ( 321 )  | 3673   | 3677   | 3677   |
|             |    |       |        | ( 4 )   | ( 25 )  | ( 17 )   | ( 15 )   | ( 9 )    | ( 4 )    | ( 1 )    |          |          |          |          |          |          |          |          |          | ( 75 )   | (858)  | (858)  | (858)  |
| 126 ~ 150   |    |       |        | ( 51 )  | ( 151 ) | ( 89 )   | ( 52 )   | ( 32 )   | ( 2 )    | ( 4 )    | ( 1 )    |          |          |          |          |          |          |          |          | ( 382 )  | 3352   | 3356   | 3356   |
|             |    |       |        | ( 12 )  | ( 35 )  | ( 21 )   | ( 12 )   | ( 7 )    | ( 0 )    | ( 1 )    | ( 0 )    |          |          |          |          |          |          |          |          | ( 89 )   | (783)  | (783)  | (783)  |
| 101 ~ 125   |    |       | ( 1 )  | ( 101 ) | ( 220 ) | ( 189 )  | ( 92 )   | ( 48 )   | ( 17 )   | ( 3 )    |          |          |          |          |          |          |          |          |          | ( 671 )  | 2970   | 2974   | 2974   |
|             |    |       | ( 0 )  | ( 24 )  | ( 51 )  | ( 44 )   | ( 21 )   | ( 11 )   | ( 4 )    | ( 1 )    |          |          |          |          |          |          |          |          |          | ( 157 )  | (694)  | (694)  | (694)  |
| 76 ~ 100    |    |       | ( 13 ) | ( 183 ) | ( 259 ) | ( 321 )  | ( 215 )  | ( 68 )   | ( 18 )   | ( 4 )    | ( 2 )    |          |          |          |          |          |          |          |          | ( 1083 ) | 2299   | 2303   | 2303   |
|             |    |       | ( 3 )  | ( 43 )  | ( 60 )  | ( 75 )   | ( 50 )   | ( 16 )   | ( 4 )    | ( 1 )    | ( 0 )    |          |          |          |          |          |          |          |          | ( 253 )  | (537)  | (537)  | (537)  |
| 51 ~ 75     |    | ( 2 ) | ( 62 ) | ( 195 ) | ( 212 ) | ( 255 )  | ( 194 )  | ( 88 )   | ( 14 )   | ( 3 )    |          |          |          |          |          |          |          |          |          | ( 1022 ) | 1216   | 1218   | 1218   |
|             |    | ( 0 ) | ( 14 ) | ( 46 )  | ( 50 )  | ( 60 )   | ( 45 )   | ( 21 )   | ( 3 )    |          |          |          |          |          |          |          |          |          |          | ( 239 )  | (284)  | (284)  | (284)  |
| 26 ~ 50     |    |       | ( 21 ) | ( 36 )  | ( 51 )  | ( 46 )   | ( 31 )   | ( 9 )    |          |          |          |          |          |          |          |          |          |          |          | ( 194 )  | 194    | 194    | 194    |
|             |    |       | ( 5 )  | ( 8 )   | ( 12 )  | ( 11 )   | ( 7 )    | ( 2 )    |          |          |          |          |          |          |          |          |          |          |          | ( 45 )   | ( 45 ) | ( 45 ) | ( 45 ) |
| ~ 25        |    |       |        |         |         |          |          |          |          |          |          |          |          |          |          |          |          |          |          | ( 0 )    | ( 0 )  |        |        |
|             |    |       |        |         |         |          |          |          |          |          |          |          |          |          |          |          |          |          |          | ( 0 )    | ( 0 )  |        |        |
| 合 計         |    | ( 0 ) | ( 2 )  | ( 97 )  | ( 585 ) | ( 1079 ) | ( 1081 ) | ( 797 )  | ( 382 )  | ( 159 )  | ( 69 )   | ( 23 )   | ( 6 )    | ( 1 )    | ( 1 )    | ( 0 )    | ( 0 )    | ( 0 )    | ( 0 )    | ( 4282 ) |        | 4286   | 4286   |
| ( 0.1% )    |    | ( 0 ) | ( 0 )  | ( 23 )  | ( 137 ) | ( 252 )  | ( 252 )  | ( 186 )  | ( 89 )   | ( 37 )   | ( 16 )   | ( 5 )    | ( 1 )    | ( 0 )    | ( 0 )    | ( 0 )    | ( 0 )    | ( 0 )    | ( 0 )    | (1000)   |        | (1000) | (1000) |
| 未超過         |    | ( 0 ) | ( 2 )  | ( 99 )  | ( 684 ) | ( 1763 ) | ( 2844 ) | ( 3641 ) | ( 4023 ) | ( 4182 ) | ( 4251 ) | ( 4274 ) | ( 4280 ) | ( 4281 ) | ( 4282 ) | ( 4282 ) | ( 4282 ) | ( 4282 ) | ( 4282 ) |          |        |        |        |
| ( 0.1% )    |    | ( 0 ) | ( 0 )  | ( 23 )  | ( 160 ) | ( 412 )  | ( 664 )  | ( 850 )  | ( 940 )  | ( 977 )  | ( 993 )  | ( 998 )  | (1000)   | (1000)   | (1000)   | (1000)   | (1000)   | (1000)   | (1000)   |          |        |        |        |