

| K | K | F | COURSES. | WINDS. | LEEWAY. | Thermometer |        | Barometer. | REMARKS. | day of | 188 |
|---|---|---|----------|--------|---------|-------------|--------|------------|----------|--------|-----|
|   |   |   |          |        |         | Air.        | Water. |            |          |        |     |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|-----------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|-----------|---------------|----------|-------------|

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|-----------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|-----------|---------------|----------|-------------|

| H | K | F | COURSES. | WINDS. | LEEWAY. | Thermometer |        | Barometer. | REMARKS. | day of | 189 |
|---|---|---|----------|--------|---------|-------------|--------|------------|----------|--------|-----|
|   |   |   |          |        |         | Air.        | Water. |            |          |        |     |

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|-----------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|-----------|---------------|----------|-------------|

| Course. | Distance. | Diff. of Lat. | Departure. | Lat. by D. R. | Lat. by Ob. | Variation | Diff. of Lon. | Lon. in. | Lon. by Ob. |
|---------|-----------|---------------|------------|---------------|-------------|-----------|---------------|----------|-------------|
|---------|-----------|---------------|------------|---------------|-------------|-----------|---------------|----------|-------------|