

ANNEX

**INTERCOMPARISON OF ELECTRONIC LOGBOOKS  
RECOMMENDATIONS FROM THE SOT TASK TEAM ON INSTRUMENT STANDARDS**

The SOT Task Team proposes that Recommendations number 1, 2, 4, 5 and 6 from the original report be accepted, and that Recommendation number 3 regarding swell be extended to cover all swell coding options as described below.

1. That all E-Logbook software report Dewpoint to one decimal place.
2. That the algorithm for calculating dewpoint be standardised between E-Logbooks.
3. Swell coding:
  - (1) When swell 'not determined' (equivalent to no observation attempted) = 3//// 4//// 5////. Recommendation is to omit the 3, 4 and 5 groups in the coded observation.
  - (2) When 'no swell' = 30000 40000 50000. Recommendation is to code 30000 and omit the 4 and 5 groups in the coded observation. By inference, if the 3 group is reported as 30000 then the 4 and 5 groups **must** be 40000 and 50000 respectively, in which case they provide no useful additional information.
  - (3a) When confused swell (plus confused height and period) = 399/// 4//// 5////. Recommendation is to omit the 5 group in the coded observation.
  - (3b) When confused swell (height and period estimated) = 399// 4xxxx 5////. Recommendation is to omit the 5 group in the coded observation. Note: x = valid data
  - (4) Coding of 1 swell = 3xx// 4xxxx 5////. Recommendation is to omit the 5 group in the coded observation. Note: x = valid data
  - (5) Coding 2 swells = 3xxxx 4xxxx 5xxxx. Recommendation is to code all groups. Note: x = valid data
4. That TurboWin and SEAS software implement a QC check to correlate the reported wind speed with wind wave height.
5. That all E-Logbook software provide more on-screen information to aid in the selection of the correct code figures for Visibility (VV) and Height of base of lowest cloud (h) when the ranges and heights are at the boundaries of the levels. Refer to WMO manual on Codes (WMO No 306) FM13-XII Ext. SHIP. For VV refer to WMO code table 4377 and note that if the distance of visibility is between two of the distances given, the code figure for the smaller distance shall be reported. For h refer to WMO code table 1600 and note that a height exactly equal to one of the values at the ends of the ranges shall be coded in the higher range.
6. That SEAS and TurboWin prompt for the entry of ship speed if it is not entered.