# SHIP OBSERVATIONS TEAM – VOS SCHEME

## REPORT OF INSPECTION TO FOREIGN VOS

(Please complete relevant sections and email this report to the VOS Focal Point in the Country of Recruitment)

VOSP001

| **SHIP DETAILS *** | | * Required |
|---|---|---|
| Name of Ship | | |
| Call Sign | | |
| IMO Number | | |
| Ship's email address | | |
| Shipping Route | | |
| VOS Country of Recruitment | | (Refer to WMO No. 47) |

| **INSPECTION DETAILS *** | | |
|---|---|---|
| Inspecting PMO | | (Name & Location) |
| Date of inspection | | (yyyy-mm-dd) |
| Country & Port of visit | | |
| Reason for the visit | | |

| **VOS PERFORMANCE** | |
|---|---|
| Recent GTS reporting history | |
| Quality of the observations | |
| Frequency of obs. from logbook | |

| **INSTRUMENTS OR STATIONERY ISSUED OR RECOVERED** | | | | |
|---|---|---|---|---|
| Full details of instruments recovered (make / model / serial no. / reason) | | | | |
| Full details of instruments issued (make / model / serial no.) | | | | |
| Details of any stationery issued | | | | |
| Details of paper logbooks recovered (mail to the responsible VOS FP) | Period of the observations recovered (yyyy-mm-dd-hh) | | | |
| | First obs. | | Last obs. | |
| Downloaded electronic logbook data (email to the responsible VOS FP) | Period of the observations recovered (yyyy-mm-dd-hh) | | | |
| | First obs. | | Last obs. | |

| | |
|---|---|
| General Comments & Other Actions | |

## DETAILS OF INSTRUMENTS ON ARRIVAL

| | | | |
|---|---|---|---|
| **Barometer** | Make / Model / Type | | |
| | Serial No. | | |
| | Default setting – SLP or MSLP | | (Station Level [SLP] or Mean Sea Level [MSLP]) |
| | Condition of the instrument | | |
| **Barograph** | Make / Model / Type | | |
| | Serial No. | | |
| | Default setting – SLP or MSLP | | (Station Level [SLP] or Mean Sea Level [MSLP]) |
| | Condition of the instrument | | |

| | **Attribute** | **Port** | **Starboard** |
|---|---|---|---|
| **Screen** | Condition of the screen(s) | | |
| | Condition of the thermometers | | |
| | Condition of the muslin/wick | | |

| | | | | |
|---|---|---|---|---|
| Electronic logbook software | Type | | Version | |

| | | |
|---|---|---|
| **Equipment Condition** | AWS or TurboWin laptop | |
| | Sea water bucket | |
| | Sea thermometer | |
| | Whirling psychrometer/thermometers | |
| | Anemometer | |
| | | |
| | | |

## BAROMETER COMPARISON

(Ensure the corrected pressure on both barometers are set to the same level)

| **TEST** | **SHIP'S BAROMETER** | | | **PMO INSPECTION BAROMETER** | | |
|---|---|---|---|---|---|---|
| | Pressure as read (a) | Corrections Temp + Drift + Height (b) | Corrected Pressure (a) + (b) | Pressure as read (e) | Corrections Temp + Drift + Height (f) | Corrected Pressure (e) + (f) |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| | | Mean (d) | | | Mean (g) | |
| | | Error (m) | | = Mean (d) – Mean (g) | | |
| | | Correction (n) | | Reverse the sign of Error (m) | | |

## Special Instructions for Precision Aneroid Barometers used by AU, HK, NZ & UK

**AU**

| New drift correction (p) | | = Existing drift correction + Correction (n) |
|---|---|---|

If the value of (p) equals or exceeds **± 0.3 hPa**, alter the drift correction sticker to the new value of (p).
If either (n) or (p) equals or exceeds **± 0.5 hPa**, alter the drift correction sticker to the new value of (p) and **alert the NMS.**

**HK, NZ, UK**

Do not alter the correction table. If the error exceeds **± 0.3 hPa** of the reference pressure then **alert the NMS**.