

## ECMWF Conventional Observation Blacklist Proposal: 2019110600

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**European Centre for Medium-Range Weather Forecasts**  
**Europäisches Zentrum für mittelfristige Wettervorhersage**  
**Centre européen pour les prévisions météorologiques à moyen terme**

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## 2 Blacklists

### 2.1 SYNOP

#### 2.1.1 Add

| WMO Id | Station Name       | Country                                 | varno                 | Evaluation Action | Additional Comments | Layer top | Layer bottom | Subtype Description            | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparision                             | Position                              |
|--------|--------------------|---|-----------------------|-------------------|---------------------|-----------|--------------|--------------------------------|-----------------------|---------------------------|--|-----------------------|--|---------------------------------------|
| 40691  | Al-Fao             | Iraq                                    | Surface pressure (Pa) | Add to blacklist  |                     | 10        | 10           | 1=>SYNOP(Manual Land SYNOP)    |                       | 2019101500                | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparision(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |
| 42420  | Golaghat           | India (Stations North Of Latitude 20~N) | Surface pressure (Pa) | Add to blacklist  |                     | 10        | 10           | 1=>SYNOP(Manual Land SYNOP)    |                       | 2019102600                | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparision(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |
| 48810  | 48810              |   | Surface pressure (Pa) | Add to blacklist  |                     | 10        | 10           | 1=>SYNOP(Manual Land SYNOP)    |                       | 2019102600                | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparision(see page 4)</a> |                                       |
| 68116  | Gobabis            | Namibia                                 | Surface pressure (Pa) | Add to blacklist  |                     | 10        | 10           | 3=>SYNOP(Automatic Land SYNOP) |                       | 2019101500                | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparision(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |
| 83499  | Abrolhos (83499-0) | Brazil                                  | Surface pressure (Pa) | Add to blacklist  |                     | 10        | 10           | 1=>SYNOP(Manual Land SYNOP)    |                       | 2019101500                | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparision(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |
| 83844  | Paranagua          | Brazil                                  | Surface pressure (Pa) | Add to blacklist  |                     | 10        | 10           | 1=>SYNOP(Manual Land SYNOP)    |                       | 2019102400                | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparision(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |

#### 2.1.2 Remove

| WMO Id | Station Name       | Country            | varno                 | Evaluation Action     | Additional Comments | Layer top | Layer bottom | Subtype Description            | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparision                             | Position                              |
|--------|--------------------|--------------------|-----------------------|-----------------------|---------------------|-----------|--------------|--------------------------------|-----------------------|---------------------------|--|-----------------------|--|---------------------------------------|
| 16642  | Ioannina (Airport) | Greece             | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 3=>SYNOP(Automatic Land SYNOP) | 2019102400            |                           |  |                       | <a href="#">Multi Centre Comparision(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |
| 23220  | 23220              |                    | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 9=>SYNOP(Abbreviated SYNOP)    | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparision(see page 4)</a> |                                       |
| 24585  | Nera               | Russian Federation | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 1=>SYNOP(Manual Land SYNOP)    | 2019102400            |                           |  |                       | <a href="#">Multi Centre Comparision(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |
| 28976  | 28976              |                    | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 9=>SYNOP(Abbreviated SYNOP)    | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparision(see page 4)</a> |                                       |
| 29842  | 29842              |                    | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 9=>SYNOP(Abbreviated SYNOP)    | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparision(see page 4)</a> |                                       |

| WMO Id | Station Name           | Country      | varno                 | Evaluation Action     | Additional Comments | Layer top | Layer bottom | Subtype Description            | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparison                             | Position                              |
|--------|------------------------|--------------|-----------------------|-----------------------|---------------------|-----------|--------------|--------------------------------|-----------------------|---------------------------|--|-----------------------|---|---------------------------------------|
| 34920  | 34920                  |              | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 9=>SYNOP(Abbreviated SYNOP)    | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparison(see page 4)</a> |                                       |
| 35082  | 35082                  |              | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 9=>SYNOP(Abbreviated SYNOP)    | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparison(see page 4)</a> |                                       |
| 35183  | 35183                  |              | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 3=>SYNOP(Automatic Land SYNOP) | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparison(see page 4)</a> |                                       |
| 35191  | 35191                  |              | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 9=>SYNOP(Abbreviated SYNOP)    | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparison(see page 4)</a> |                                       |
| 35191  | 35191                  |              | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 1=>SYNOP(Manual Land SYNOP)    | 2019102400            |                           |  |                       | <a href="#">Multi Centre Comparison(see page 4)</a> |                                       |
| 35283  | 35283                  |              | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 9=>SYNOP(Abbreviated SYNOP)    | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparison(see page 4)</a> |                                       |
| 35321  | 35321                  |              | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 9=>SYNOP(Abbreviated SYNOP)    | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparison(see page 4)</a> |                                       |
| 35321  | 35321                  |              | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 1=>SYNOP(Manual Land SYNOP)    | 2019102400            |                           |  |                       | <a href="#">Multi Centre Comparison(see page 4)</a> |                                       |
| 35633  | 35633                  |              | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 9=>SYNOP(Abbreviated SYNOP)    | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparison(see page 4)</a> |                                       |
| 35633  | 35633                  |              | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 1=>SYNOP(Manual Land SYNOP)    | 2019102400            |                           |  |                       | <a href="#">Multi Centre Comparison(see page 4)</a> |                                       |
| 62008  | Yefren                 | Libya        | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 9=>SYNOP(Abbreviated SYNOP)    | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |
| 68392  | Nhlangano              | Swaziland    | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 3=>SYNOP(Automatic Land SYNOP) | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |
| 68558  | Barkly East (Caerleon) | South Africa | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 3=>SYNOP(Automatic Land SYNOP) | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |
| 84045  | Inguincho              | Ecuador      | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 9=>SYNOP(Abbreviated SYNOP)    | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |
| 87934  | Rio Grande B.A.        | Argentina    | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 1=>SYNOP(Manual Land SYNOP)    | 2019102400            |                           |  |                       | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |

## 2.2 DRIBU

### 2.2.1 Add

| WMO Id  | Station Name | Country | varno                        | Evaluation Action | Additional Comments | Layer top | Layer bottom | Subtype Description        | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparison | Position |
|---------|--------------|---------|------------------------------|-------------------|---------------------|-----------|--------------|----------------------------|-----------------------|---------------------------|--|-----------------------|-------------------------|----------|
| 23451   |              |         | Wind Vector difference (m/s) | Add to blacklist  |                     | 10        | 10           | 21=>DRIBU(DRIBU)           |                       | 2019101800                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 2101634 |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019102300                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 2201573 |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019102300                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 2301607 |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019102600                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 2301792 |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019102600                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 2501539 |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019102600                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 2501540 |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019102300                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 2501667 |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019102400                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 2501668 |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019102500                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 4100730 |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019102600                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 4401557 |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019101800                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 4800642 |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019102600                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 4801652 |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019102600                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 4801654 |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019102200                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |

| WMO Id  | Station Name | Country | varno                        | Evaluation Action | Additional Comments | Layer top | Layer bottom | Subtype Description        | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparision | Position |
|---------|--------------|---------|------------------------------|-------------------|---------------------|-----------|--------------|----------------------------|-----------------------|---------------------------|--|-----------------------|--------------------------|----------|
| 6100002 |              |         | Wind Vector difference (m/s) | Add to blacklist  |                     | 10        | 10           | 188=>DRIBU(MOORED BUOYS)   |                       | 2019101500                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| 6200092 |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 188=>DRIBU(MOORED BUOYS)   |                       | 2019102500                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| 6202672 |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019101500                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| 6202674 |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019101600                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| 6203702 |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019102000                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| 6301539 |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019102600                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| 7401502 |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019102600                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |

## 2.2.2 Remove

| WMO Id  | Station Name | Country | varno                 | Evaluation Action     | Additional Comments | Layer top | Layer bottom | Subtype Description      | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparision | Position |
|---------|--------------|---------|-----------------------|-----------------------|---------------------|-----------|--------------|--------------------------|-----------------------|---------------------------|--|-----------------------|--------------------------|----------|
| 2200183 |              |         | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 188=>DRIBU(MOORED BUOYS) | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |

## 2.3 SHIP

### 2.3.1 Add

| WMO Id  | Station Name | Country | varno                        | Evaluation Action | Additional Comments | Layer top | Layer bottom | Subtype Description      | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparision | Position |
|---------|--------------|---------|------------------------------|-------------------|---------------------|-----------|--------------|--------------------------|-----------------------|---------------------------|--|-----------------------|--------------------------|----------|
| 62121   |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 13=>SHIP(Automatic SHIP) |                       | 2019102200                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| 66022   |              |         | Wind Vector difference (m/s) | Add to blacklist  |                     | 10        | 10           | 13=>SHIP(Automatic SHIP) |                       | 2019101600                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| 9HA4800 |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 11=>SHIP(SHIP)           |                       | 2019102600                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |

| WMO Id  | Station Name | Country | varno                        | Evaluation Action | Additional Comments | Layer top | Layer bottom | Subtype Description      | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparision | Position |
|---------|--------------|---------|------------------------------|-------------------|---------------------|-----------|--------------|--------------------------|-----------------------|---------------------------|--|-----------------------|--------------------------|----------|
| AUFH    |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 11=>SHIP(SHIP)           |                       | 2019102600                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| BQHZ    |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 11=>SHIP(SHIP)           |                       | 2019102200                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| C6KD4   |              |         | Wind Vector difference (m/s) | Add to blacklist  |                     | 10        | 10           | 11=>SHIP(SHIP)           |                       | 2019101600                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| C6KD8   |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 11=>SHIP(SHIP)           |                       | 2019101500                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| MLTH5   |              |         | Wind Vector difference (m/s) | Add to blacklist  |                     | 10        | 10           | 11=>SHIP(SHIP)           |                       | 2019101900                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| RJZUUNR |              |         | Wind Vector difference (m/s) | Add to blacklist  |                     | 10        | 10           | 11=>SHIP(SHIP)           |                       | 2019102500                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| SDIA    |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 13=>SHIP(Automatic SHIP) |                       | 2019102600                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| TBWUK79 |              |         | Wind Vector difference (m/s) | Add to blacklist  |                     | 10        | 10           | 11=>SHIP(SHIP)           |                       | 2019102300                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| VRCP2   |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 11=>SHIP(SHIP)           |                       | 2019101600                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| VRKS4   |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 11=>SHIP(SHIP)           |                       | 2019102000                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| VRMC8   |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 11=>SHIP(SHIP)           |                       | 2019101800                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| VRRD7   |              |         | Wind Vector difference (m/s) | Add to blacklist  |                     | 10        | 10           | 11=>SHIP(SHIP)           |                       | 2019102500                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |

### 2.3.2 Remove

| WMO Id | Station Name | Country | varno                 | Evaluation Action     | Additional Comments | Layer top | Layer bottom | Subtype Description      | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparision | Position |
|--------|--------------|---------|-----------------------|-----------------------|---------------------|-----------|--------------|--------------------------|-----------------------|---------------------------|--|-----------------------|--------------------------|----------|
| 62145  |              |         | V10m (m/s)            | Remove from blacklist |                     |           |              | 13=>SHIP(Automatic SHIP) | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| 62145  |              |         | U10m (m/s)            | Remove from blacklist |                     |           |              | 13=>SHIP(Automatic SHIP) | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| AUCE   |              |         | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 13=>SHIP(Automatic SHIP) | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |

| WMO Id | Station Name | Country | varno                 | Evaluation Action     | Additional Comments | Layer top | Layer bottom | Subtype Description       | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparision | Position |
|--------|--------------|---------|-----------------------|-----------------------|---------------------|-----------|--------------|---------------------------|-----------------------|---------------------------|--|-----------------------|--------------------------|----------|
| C6FN5  |              |         | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 11=>SHIP(SHIP)            | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| C6KD4  |              |         | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 9=>SHIP(Abbreviated SHIP) | 2019101500            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| C6KD4  |              |         | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 9=>SHIP(Abbreviated SHIP) | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| ELPX7  |              |         | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 13=>SHIP(Automatic SHIP)  | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| VCBW   |              |         | V10m (m/s)            | Remove from blacklist |                     |           |              | 13=>SHIP(Automatic SHIP)  | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| VCBW   |              |         | U10m (m/s)            | Remove from blacklist |                     |           |              | 13=>SHIP(Automatic SHIP)  | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |

## 2.4 METAR

### 2.4.1 Add

| WMO Id | Station Name | Country | varno                 | Evaluation Action | Additional Comments | Layer top | Layer bottom | Subtype Description         | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparision | Position |
|--------|--------------|---------|-----------------------|-------------------|---------------------|-----------|--------------|-----------------------------|-----------------------|---------------------------|--|-----------------------|--------------------------|----------|
| ENLA   |              |         | Surface pressure (Pa) | Add to blacklist  |                     | 10        | 10           | 147=>METAR(Automatic METAR) |                       | 2019102500                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |

### 2.4.2 Remove

## 2.5 TEMP

### 2.5.1 Add

| WMO Id | Station Name   | Country            | varno           | Evaluation Action | Additional Comments | Layer top | Layer bottom | Subtype Description  | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats)                             | Multi Centre Comparision                            | Position                              |
|--------|----------------|--------------------|-----------------|-------------------|---------------------|-----------|--------------|----------------------|-----------------------|---------------------------|--|---|---|---------------------------------------|
| 24507  | Tura (24507-0) | Russian Federation | Temperature (k) | Add to blacklist  |                     |           |              | 101=>TEMP(Land TEMP) |                       | 2019102200                | <a href="#">Time series plot(see page 4)</a> | <a href="#">Vertical Profile Plot(see page 4)</a> | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |

| WMO Id | Station Name   | Country            | varno           | Evaluation Action | Additional Comments | Layer top | Layer bottom | Subtype Description  | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats)                             | Multi Centre Comparision                            | Position                              |
|--------|----------------|--------------------|-----------------|-------------------|---------------------|-----------|--------------|----------------------|-----------------------|---------------------------|--|---|---|---------------------------------------|
| 31873  | Dal'Nerechensk | Russian Federation | Temperature (k) | Add to blacklist  |                     |           |              | 101=>TEMP(Land TEMP) |                       | 2019101500                | <a href="#">Time series plot(see page 4)</a> | <a href="#">Vertical Profile Plot(see page 4)</a> | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |

## 2.5.2 Remove

| WMO Id | Station Name | Country            | varno           | Evaluation Action     | Additional Comments | Layer top | Layer bottom | Subtype Description  | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats)                             | Multi Centre Comparision                            | Position                              |
|--------|--------------|--------------------|-----------------|-----------------------|---------------------|-----------|--------------|----------------------|-----------------------|---------------------------|--|---|---|---------------------------------------|
| 28695  | Omsk         | Russian Federation | Temperature (k) | Remove from blacklist |                     | 700       | 1013         | 101=>TEMP(Land TEMP) | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> | <a href="#">Vertical Profile Plot(see page 4)</a> | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |

## 2.6 PILOT

### 2.6.1 Add

### 2.6.2 Remove

| WMO Id | Station Name | Country    | varno       | Evaluation Action     | Additional Comments | Layer top | Layer bottom | Subtype Description   | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats)                             | Multi Centre Comparision | Position                              |
|--------|--------------|------------|-------------|-----------------------|---------------------|-----------|--------------|-----------------------|-----------------------|---------------------------|--|---|--------------------------|---------------------------------------|
| 41936  | Jessore      | Bangladesh | Vcomp (m/s) | Remove from blacklist |                     | 700       | 1013         | 91=>PILOT(Land PILOT) | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> | <a href="#">Vertical Profile Plot(see page 4)</a> |                          | <a href="#">Maps view(see page 4)</a> |
| 41936  | Jessore      | Bangladesh | Ucomp (m/s) | Remove from blacklist |                     | 700       | 1013         | 91=>PILOT(Land PILOT) | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> | <a href="#">Vertical Profile Plot(see page 4)</a> |                          | <a href="#">Maps view(see page 4)</a> |
| 44373  | Dalanzadgad  | Mongolia   | Vcomp (m/s) | Remove from blacklist |                     |           |              | 91=>PILOT(Land PILOT) | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> | <a href="#">Vertical Profile Plot(see page 4)</a> |                          | <a href="#">Maps view(see page 4)</a> |
| 44373  | Dalanzadgad  | Mongolia   | Ucomp (m/s) | Remove from blacklist |                     |           |              | 91=>PILOT(Land PILOT) | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> | <a href="#">Vertical Profile Plot(see page 4)</a> |                          | <a href="#">Maps view(see page 4)</a> |

## 2.7 AIREP

### 2.7.1 Add

### 2.7.2 Remove

| WMO Id | Station Name | Country | varno       | Evaluation Action     | Additional Comments   | Layer top | Layer bottom | Subtype Description | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparison | Position |
|--------|--------------|---------|-------------|-----------------------|---|-----------|--------------|---------------------|-----------------------|---------------------------|--|-----------------------|-------------------------|----------|
| ANZ296 |              |         | Vcomp (m/s) | Remove from blacklist | This requires removal of any existing pattern ANZ... from the blacklist and addition of specific low quality ids. | 0         | 500          | 142=>AIREP(AIREP)   | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| ANZ296 |              |         | Ucomp (m/s) | Remove from blacklist | This requires removal of any existing pattern ANZ... from the blacklist and addition of specific low quality ids. | 0         | 500          | 142=>AIREP(AIREP)   | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| UAL923 |              |         | Vcomp (m/s) | Remove from blacklist | This requires removal of any existing pattern UAL... from the blacklist and addition of specific low quality ids. | 0         | 500          | 142=>AIREP(AIREP)   | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| UAL923 |              |         | Ucomp (m/s) | Remove from blacklist | This requires removal of any existing pattern UAL... from the blacklist and addition of specific low quality ids. | 0         | 500          | 142=>AIREP(AIREP)   | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| VIR24M |              |         | Vcomp (m/s) | Remove from blacklist | This requires removal of any existing pattern VIR... from the blacklist and addition of specific low quality ids. | 0         | 500          | 142=>AIREP(AIREP)   | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| VIR24M |              |         | Ucomp (m/s) | Remove from blacklist | This requires removal of any existing pattern VIR... from the blacklist and addition of specific low quality ids. | 0         | 500          | 142=>AIREP(AIREP)   | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| VIR42X |              |         | Vcomp (m/s) | Remove from blacklist | This requires removal of any existing pattern VIR... from the blacklist and addition of specific low quality ids. | 0         | 500          | 142=>AIREP(AIREP)   | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| VIR42X |              |         | Ucomp (m/s) | Remove from blacklist | This requires removal of any existing pattern VIR... from the blacklist and addition of specific low quality ids. | 0         | 500          | 142=>AIREP(AIREP)   | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |

## 2.8 AMDAR

### 2.8.1 Add

| WMO Id   | Station Name | Country | varno           | Evaluation Action | Additional Comments | Layer top | Layer bottom | Subtype Description     | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparison | Position |
|----------|--------------|---------|-----------------|-------------------|---------------------|-----------|--------------|-------------------------|-----------------------|---------------------------|--|-----------------------|-------------------------|----------|
| 00IERQRA |              |         | Temperature (k) | Add to blacklist  |                     |           |              | 146=>AMDAR(WIGOS AMDAR) |                       | 2019101500                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| TK02MIJA |              |         | Temperature (k) | Add to blacklist  |                     |           |              | 146=>AMDAR(WIGOS AMDAR) |                       | 2019102000                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |

### 2.8.2 Remove

| WMO Id   | Station Name | Country | varno           | Evaluation Action     | Additional Comments | Layer top | Layer bottom | Subtype Description     | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparision | Position |
|----------|--------------|---------|-----------------|-----------------------|---------------------|-----------|--------------|-------------------------|-----------------------|---------------------------|--|-----------------------|--------------------------|----------|
| 1QMYCYRA |              |         | Vcomp (m/s)     | Remove from blacklist |                     | 0         | 500          | 146=>AMDAR(WIGOS AMDAR) | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| 1QMYCYRA |              |         | Ucomp (m/s)     | Remove from blacklist |                     | 0         | 500          | 146=>AMDAR(WIGOS AMDAR) | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| MX0023   |              |         | Temperature (k) | Remove from blacklist |                     | 0         | 500          | 146=>AMDAR(WIGOS AMDAR) | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| MX0023   |              |         | Vcomp (m/s)     | Remove from blacklist |                     | 0         | 500          | 146=>AMDAR(WIGOS AMDAR) | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| MX0023   |              |         | Ucomp (m/s)     | Remove from blacklist |                     | 0         | 500          | 146=>AMDAR(WIGOS AMDAR) | 2019102200            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |

## 2.9 ACARS

### 2.9.1 Add

### 2.9.2 Remove

### 3 Whitelists

#### 3.1 PROFILER

##### 3.1.1 Add

##### 3.1.2 Remove

| WMO Id | Station Name          | Country | varno                        | Evaluation Action     | Additional Comments | Layer top | Layer bottom | Subtype Description              | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats)                             | Multi Centre Comparision | Position                              |
|--------|-----------------------|---------|------------------------------|-----------------------|---------------------|-----------|--------------|----------------------------------|-----------------------|---------------------------|--|---|--------------------------|---------------------------------------|
| 10339  | Hannover (Radar)      | Germany | Wind Vector difference (m/s) | Remove from whitelist |                     |           |              | 96=>PROF(European Wind Profiler) |                       | 2019101800                | <a href="#">Time series plot(see page 4)</a> | <a href="#">Vertical Profile Plot(see page 4)</a> |                          | <a href="#">Maps view(see page 4)</a> |
| 10392  | Proetzel (Radar)      | Germany | Wind Vector difference (m/s) | Remove from whitelist |                     |           |              | 96=>PROF(European Wind Profiler) |                       | 2019102200                | <a href="#">Time series plot(see page 4)</a> | <a href="#">Vertical Profile Plot(see page 4)</a> |                          | <a href="#">Maps view(see page 4)</a> |
| 10605  | Neuheilenbach (Radar) | Germany | Wind Vector difference (m/s) | Remove from whitelist |                     |           |              | 96=>PROF(European Wind Profiler) |                       | 2019101600                | <a href="#">Time series plot(see page 4)</a> | <a href="#">Vertical Profile Plot(see page 4)</a> |                          | <a href="#">Maps view(see page 4)</a> |

#### 3.2 TEMP

##### 3.2.1 Add

| WMO Id | Station Name | Country | varno          | Evaluation Action | Additional Comments         | Layer top | Layer bottom | Subtype Description            | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparision | Position |
|--------|--------------|---------|----------------|-------------------|-----------------------------|-----------|--------------|--------------------------------|-----------------------|---------------------------|--|-----------------------|--------------------------|----------|
| 72413  | 72413        |         | All parameters | Add to whitelist  | MultiCentre Intercomparison |           |              | 109=>TEMP(High Reso land TEMP) | 2019102500            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |

##### 3.2.2 Remove

#### 3.3 PILOT

##### 3.3.1 Add

### 3.3.2 Remove

## 3.4 SYNOP

### 3.4.1 Add

### 3.4.2 Remove

| WMO Id | Station Name    | Country                | varno                 | Evaluation Action     | Additional Comments | Layer top | Layer bottom | Subtype Description         | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparision                            | Position                              |
|--------|-----------------|------------------------|-----------------------|-----------------------|---------------------|-----------|--------------|-----------------------------|-----------------------|---------------------------|--|-----------------------|---|---------------------------------------|
| 60018  | Tenerife-Guimar | Spain (Canary Islands) | Surface pressure (Pa) | Remove from whitelist |                     | 10        | 10           | 170=>SYNOP(BUFR LAND SYNOP) |                       | 2019102600                | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |