

International Civil Aviation Organization



DISCUSSION PAPER

**TWENTY-SECOND MEETING OF THE METEOROLOGY SUB-GROUP
(MET SG/22) OF THE ASIA AND PACIFIC AIR NAVIGATION
PLANNING AND IMPLEMENTATION REGIONAL GROUP (APANPIRG)**

Bangkok, Thailand, 18-21 June 2018

Agenda Item 4: Air navigation deficiencies in the MET field

STATISTICS OF SIGMET ISSUANCE OF LAO PDR

(Presented by Hong Kong, China)

SUMMARY

This paper presents a summary of the statistics of SIGMETs issued by MWO Vientiane of Lao PDR during 2013-2017.

1. INTRODUCTION

1.1 This Flimsy is a summary of the statistics of SIGMETs issued by MWO Vientiane (VLVT) during 2013-2017, which supplements the working paper MET SG/22 - WP/18, Air Navigation Deficiencies in the MET Field – Lao PDR

2. DISCUSSION

2.1 Table 1 and Figure 1 showed the yearly number of SIGMETs issued by VLVT with test SIGMETs excluded but cancel SIGMET included. During the period 2013-2017, a total of 265 WS SIGMETs and 6 WC SIGMET were issued by VLVT. Majority of the SIGMETs were issued during June to October (Figure 2).

2.2 There were 52 WS SIGMETs issued by VLVT in 2017. An example of the WS SIGMET is given in figure 3. There were also 6 WC SIGMETs issued by VLVT in 2017 for two tropical cyclones (TC), namely TC Doksuri and TC Damrey (see example in Figure 4). The chance for VLVT FIR to encounter TC that necessitated the issuance of WC SIGMET is relatively low compared with other FIRs near the seas, as most TC could have dissipated before entering the VLVT FIR which is a inland area.

3. ACTION BY THE MEETING

3.1 Note the information contained in this paper.

Table 1: Number of WS, WC, WV SIGMETs issued by VLVT from 2013 to 2017

| Year | WS SIGMET | WC SIGMET | WV SIGMET |
|------|-----------|-----------|-----------|
| 2013 | 34 | 0 | 0 |
| 2014 | 18 | 0 | 0 |
| 2015 | 20 | 0 | 0 |
| 2016 | 135 | 0 | 0 |
| 2017 | 58 | 6 | 0 |

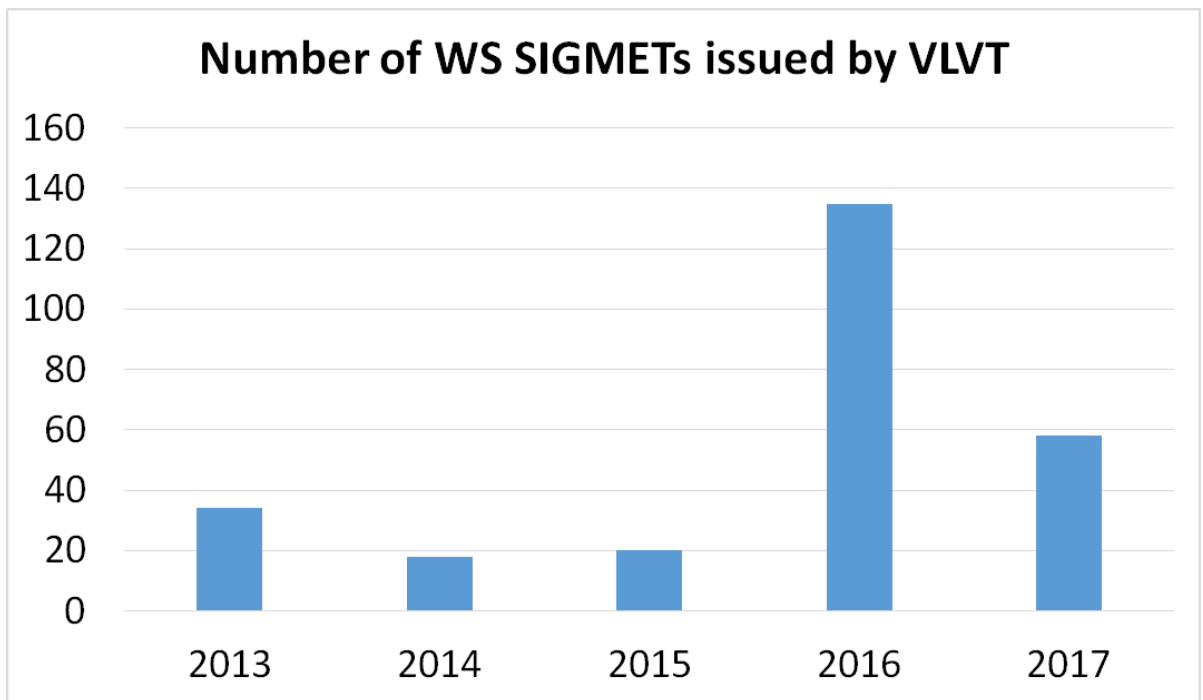


Figure 1: Number of WS SIGMETs issued by VLVT from 2013 to 2017

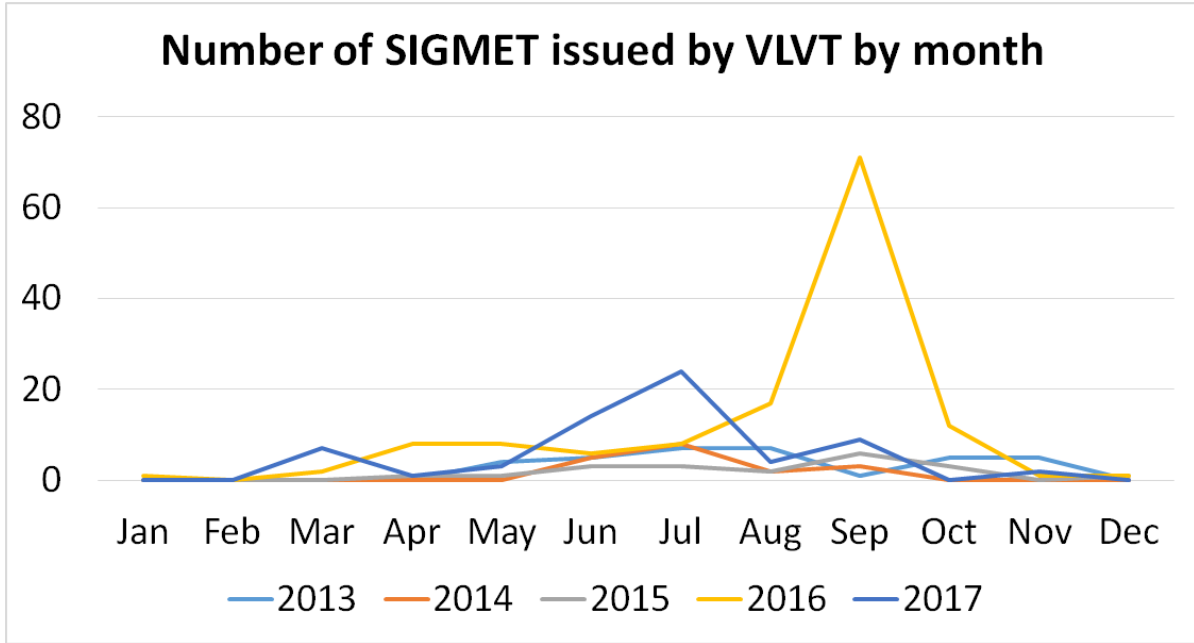


Figure 2: Number of SIGMETs issued by VLVT by month during 2013-2017.

```

250521 VTBBYPYX
WSLA31 VLVT 250515
VLVT SIGMET 2 VALID 250520/250920 VLVT-
VLVT VIENTIANE FIR EMBD TS OBS WI N1848 E10305 - N1742 E10439-
N1815 E10514 - N1915 E10351 - N2007 E10436 - N2049 E10351 -
N1848 E10305 TOP FL530 MOV NW 10KT WKN=

```

Figure 3: WS SIGMET issued by VLVT on 2017-09-25.

```

WCLA31 VLVT 151150
VLVT SIGMET 4 VALID 151150/151550 VLVT-
VLVT VIENTIANE FIR TY DOKSURI OBS AT 1005Z WI N1755 E10535 TOP
FL540 MOV W 20KT INTSF=

```

Figure 4: WC SIGMET issued by VLVT on 2017-09-15.
