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INFORMATION PAPER

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Working Group (MET/S WG/11)

Virtual meeting, 24 March 2021

Agenda Item 2 (conjoint session): SIGMET tests

THE SIGMET TEST RESULTS OF MWOs IN CHINA

(Presented by China)

SUMMARY

This paper introduces the SIGMET test results of China in 2020.

1. INTRODUCTION

1.1 This paper introduces the SIGMET test results of China in 2020.

1.2 The SIGMET tests of China are not very good in 2020. Some MWOs of China issued the TEST SIGMET messages late, some did not make the right action according to the actual situation, but they all adopted the remedial measures.

2. DISCUSSION

SIGMET for Tropical cyclones (WC SIGMET) Test

2.1 As ICAO APAC's plan, Beijing (ZBAA), Shanghai (ZSSS), Guangzhou (ZGGG), Haikou (ZJHK) and Chengdu (ZUUU) MWOs, under the responsibility of Tokyo TCAC, should conduct the WC SIGMET test from 0200 UTC on Dec. 2nd, 2020.

2.2 ZBAA didn't conduct the TEST SIGMET for WC due to its internal problem in their agency.

2.3 The TEST TC advisory from Tokyo TCAC was not received by the MWOs mentioned above, the other four MWOs, Shanghai (ZSSS), Guangzhou (ZGGG), Haikou (ZJHK) and Chengdu (ZUUU), responded differently.

2.3.1 Haikou and Chengdu MWOs issued the TEST SIGMETs for WC at about 0230 UTC to indicate that the TCA was not received.

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- 2.3.2 Shanghai and Guangzhou MWOs found that the TEST TC advisories from Darwin and New Delhi were received at 0206 UTC on Dec. 2nd. Shanghai and Guangzhou MWOs both disseminated TEST SIGMETs for WC at about 0210 UTC, and also issued the TEST SIGMETs for WC with content “TC ADVISORY TEST MSG NOT RECEIVED FM TCAC TOKYO” at about 0230 UTC.

SIGMET for Volcanic Ash (WV SIGMET) Test

2.4 Beijing (ZBAA), Shenyang (ZYTXX), Shanghai (ZSSS), Guangzhou (ZGGG), Wuhan (ZHHH), Haikou (ZJHK), Chengdu (ZUUU), Xi’an (ZLXY) and Urumqi (ZWWW) MWOs should conduct the TEST SIGMET for WV from 0200 UTC on Dec. 9th, 2020. All the MWOs above are under the responsibility of Tokyo VAAC. At the same time, Urumqi is also under Toulouse VAAC, and Haikou is also under Anchorage VAAC.

2.5 The MWOs apart from Shenyang issued the TEST SIGMET for WV correctly.

2.6 Shenyang MWO issued the TEST SIGMET for WV late due to its internal problem, and its TEST SIGMET for WV was disseminated at 02:48 UTC on Dec. 9th, 2020.

WS SIGMET Test

2.7 As the test procedure, Beijing (ZBAA), Shenyang (ZYTXX), Shanghai (ZSSS), Guangzhou (ZGGG), Wuhan (ZHHH), Haikou (ZJHK), Chengdu (ZUUU), Xi’an (ZLXY) and Urumqi (ZWWW) MWOs should conduct the TEST SIGMET for WS within 10 minutes after 0200 UTC on Dec. 16th, 2020.

2.8 All the nine MWOs above issued the TEST SIGMET for WS within 10 minutes after 0200 UTC on Dec. 16.

Conclusions

2.9 Compared with the SIGMET test in previous years, the test result of China in 2020 is not very good.

2.10 This is partly caused by the impact of COVID-19, partly caused by the internally operational problem in MWOs.

2.11 We will continue to follow the issues and try to improve the result in the future test.

3. ACTION BY THE MEETING

3.1 Note the information contained in this paper.
