



*International Civil Aviation Organization*

**Seventh Meeting of CNS/MET Sub-Group of APANPIRG and  
Tenth Meeting of CNS/ATM IC Sub-Group of APANPIRG**

Bangkok, Thailand, 15 – 21 July 2003

**Agenda Item 10 (2):      Implementation of ICAO Warning Systems –  
Tropical Cyclone Advisories and Warnings**

**TROPICAL CYCLONE ADVISORIES ISSUED BY U.S. TROPICAL CYCLONE  
ADVISORY CENTRES**

(Presented by United States of America)

**SUMMARY**

This paper summarizes proposed changes to the tropical cyclone advisories issued by the U.S. Tropical Cyclone Advisory Centers.

**1.                      Background**

1.1                      The United States has established 2 World Meteorological Organization Regional Specialized Meteorological Centers as Tropical Cyclone Advisory Centers (TCACs). These are in Miami and Honolulu and their areas of responsibility are provided in the Asia/Pacific Regional Air Navigation Plan Facilities and Services Implementation Document (FASID). The two U.S. TCACs have been issuing Tropical Cyclone Advisories in the format prescribed in Appendix 5 to Annex 3, *Meteorological Service for International Air Navigation* with the exception of the wind and position data for +18 hours.

**2.                      Changes to the Tropical Cyclone Advisory**

2.1                      In late May 2003 the U.S. TCACs added the +18 hour data to bring the Tropical Cyclone Advisories into complete compliance with the information content and format in Annex 3. The +18 hour position is a linear extrapolation of the model forecast positions at +12 and +24 hours. As information, the advisories are issued under the following World Meteorological Organization (WMO) headers:

Miami:  
FKNTnn KNHC, where nn = 21 through 25  
FKPZnn KNHC, where nn = 21 through 25

Honolulu:  
FKPAnn PHFO, where nn = 22 through 25

**3.                      Conclusion**

3.1                      The Meeting is invited to note the information provided on changes to the Tropical Cyclone Advisory.