

**IAS**

**Intensive Atmospheric Soundings during the Chinese Arctic Cruise in 2018**



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**Areas of contribution**

Observations

**Summary**

During the "YOPP Special Observing Periods" (July 1st to September 30th, 2018), we plan to launch intensive radiosondes (4 times per day) along the cruise route of Chinese Icebreaker XUELONG in the Arctic Ocean.

**Description**

To contribute to the special observing efforts of YOPP, we plan to implement intensive radio sounding activities along the cruise route of XUELONG icebreaker. The radiosondes will be launched 4 times per day in the Arctic Ocean and the data will be uploaded in near real time to YOPP data portal via GTS.

**Timeline**

2018-07-01 - 2018-09-30

### **Regional emphasis**

Northern hemisphere: Yes

Southern hemisphere: No

### **Key project deliverables**

To contribute to the special observing efforts of YOPP, we plan to implement intensive radio sounding activities along the cruise route of XUELONG icebreaker. The radiosondes will be launched 4 times per day in the Arctic Ocean and the data will be uploaded in near real time to YOPP data portal via GTS.

### **Data management**

Institute of Polar Meteorology  
Chinese Academy of Meteorological Sciences  
China Meteorological Administration

### **Is data provided to WMO Global Telecommunication System**

Yes

### **Real-time provision**

near real-time radio sounding data to GTS.

### **Timelines**

<b>Location</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Start date</b>	<b>End date</b>	<b>Activity</b>
north of 60°N over Pacific and Arctic Ocean			2018-07-01	2018-09-30	radio sounding