

Manual for “XUELONG Online” website

1. introduction









“XUELONG Online” is a information platform which connect M/V XUELONG and the domestic via internet with inmarsat BGAN. “XUELONG Online” presents a window for the polar affair administration, polar researchers and their families, and the public to find out the latest status of XUELONG and CHINARE.

2. functions

1) display the real time location of XUELONG

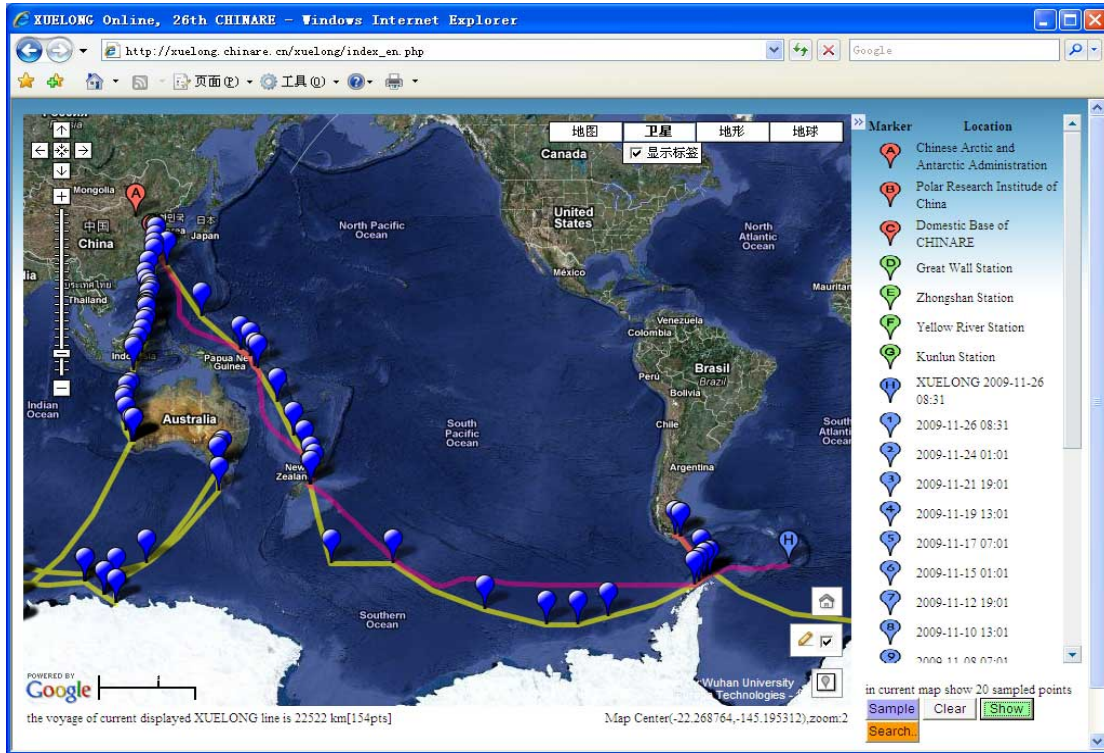



 is the current location of XUELONG, and the red line is the recent real voyage line. And there're many sensor data at one XUELONG navigation location, click the

maker and then you can view:  meteorological data,  water depth,  compass,  SBE,  engine status.

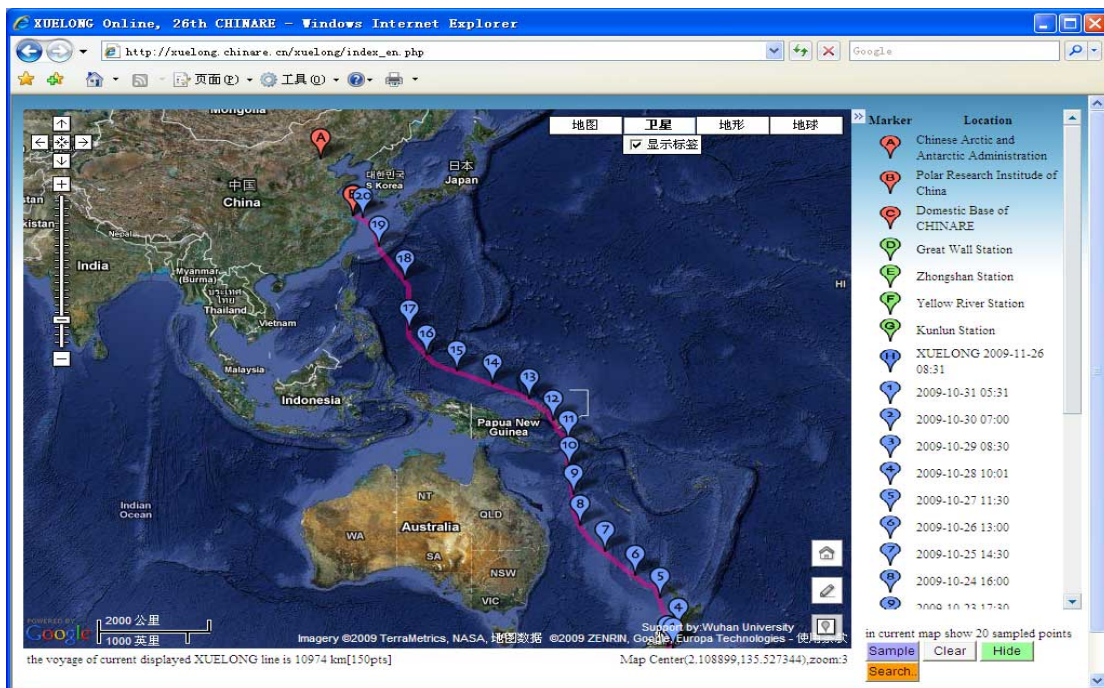
2) planned voyage line of XUELONG

With the layer of planned voyage line, we can find the variety between the real line and the planned line. Which can let us know the current progress of CHINARE.




And you can cancel the checkbox , then the markers on the planned voyage line can be hidden.

3) show the sampled real voyage line in current map



Sample: show the sampled real voyage navigation line in current map; Hide: hide the

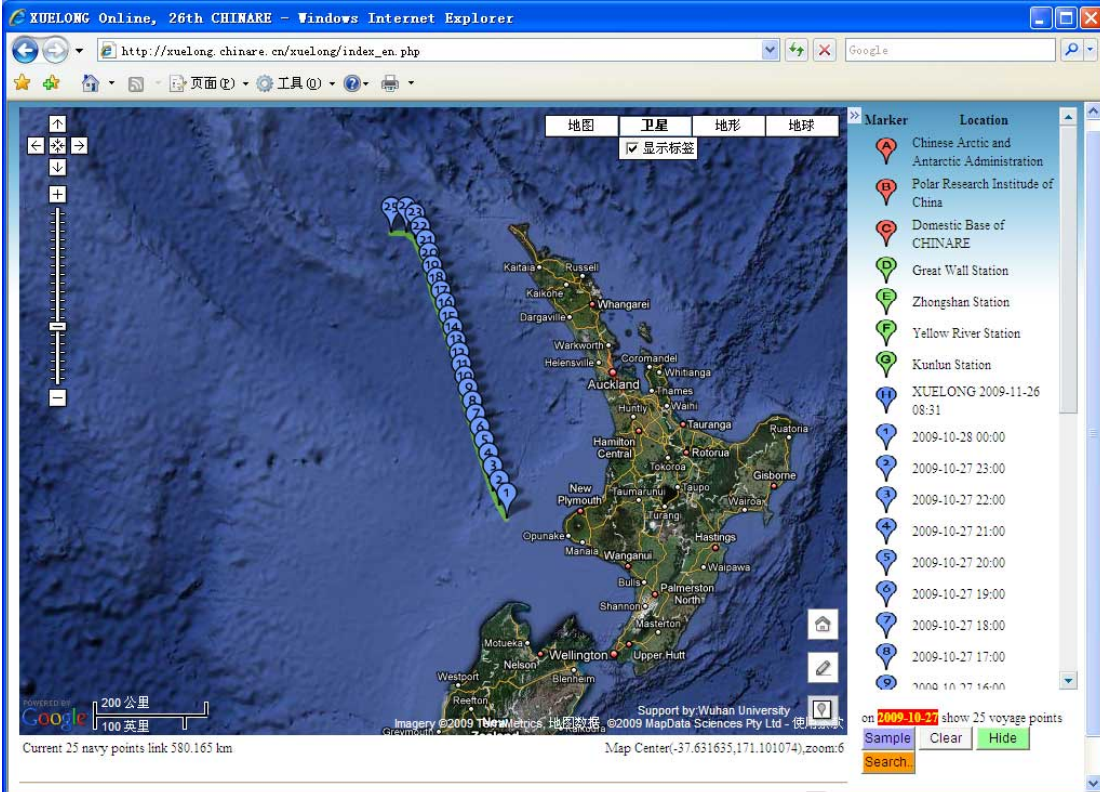
markers on the line. Clear: clear the markers and the marker list; if you click the marker, such as , then this location will be displayed centrally and toggle(hide/show) the marker.

4)search one day's real voyage line

input date(YYYY-MM-DD):

2009-11-06

Click button , then input one date: , then press button OK, you can view the day's voyage line, markers and the length as below:




The screenshot shows a web browser window titled "XUELONG Online, 26th CHINARE - Windows Internet Explorer". The address bar shows "http://xuelong.chinare.cn/xuelong/index_en.php". The main content is a map of New Zealand with a blue line representing a voyage route. A scale bar indicates 200 kilometers and 100 miles. The map center is (-37.631635, 171.101074) with a zoom of 6. A marker list on the right side shows various locations and their corresponding markers. The list includes:

Marker	Location
A	Chinese Arctic and Antarctic Administration
B	Polar Research Institute of China
C	Domestic Base of CHINARE
D	Great Wall Station
E	Zhongshan Station
F	Yellow River Station
G	Kuunlun Station
H	XUELONG 2009-11-26 08:31
I	2009-10-28 00:00
J	2009-10-27 23:00
K	2009-10-27 22:00
L	2009-10-27 21:00
M	2009-10-27 20:00
N	2009-10-27 19:00
O	2009-10-27 18:00
P	2009-10-27 17:00
Q	2009-10-27 16:00

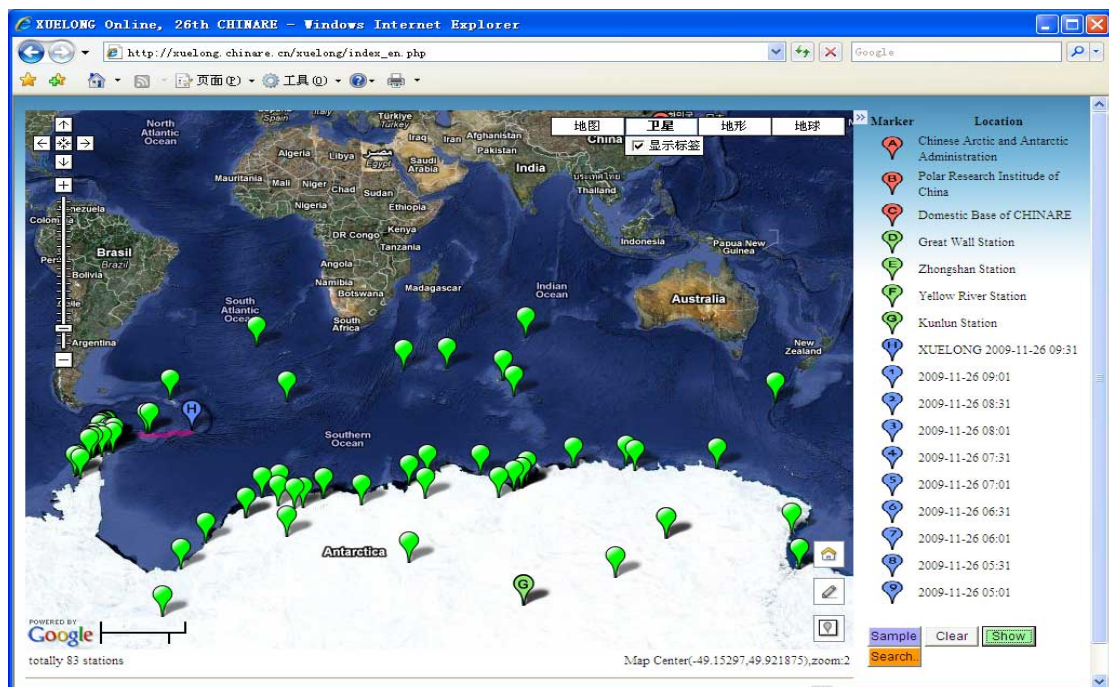
At the bottom of the marker list, there are buttons for "Sample", "Clear", "Hide", and "Search..". The "Search..", "Clear", and "Hide" buttons are highlighted in orange, green, and blue respectively. The "Search..", "Clear", and "Hide" buttons are highlighted in orange, green, and blue respectively.


5) view the figures of the data from XUELONG



For example, click the image , you can view the figure of the current meteorological data tendency.

6) view all the Antarctic stations




Click the button  on the right bottom corner of the map, to show/hide the stations .

7) distance and area measurement



Click the button on the map, then you can click on the map(where no marker), in which we can get the ruler line markers and the distance appeared. If you get 3 or more markers in the ruler line, click the button and the markers will disappear and the


area will be showed out. 

8) view relative polar news of CHINARE



The screenshot shows a web browser window displaying a map of the Xuelong station in Antarctica. A pop-up window titled "雪龙船 2009-10-27 09:30" provides details about the ship's current status, including speed, heading, and engine specifications. To the right, a news window titled "Polar News - Windows Internet Explorer" displays a table of news items.

ID	From	News	Time
1	雪龙船	极地之声091019(611 K)	2009-10-27 09:17
2	雪龙船	中国第26次南极考察队主办, 极地之声第一期	2009-10-23 09:03
3	雪龙船	雪龙船BGAN卫星通讯恢复! (73 K)	2009-10-23 09:03
3	雪龙船	2009-10-22T02:00中断 2009-10-22T18:10恢复雪龙船航行动态数据更新中...	2009-10-22 15:49
3	雪龙船	雪龙船BGAN卫星通讯暂时中断, 数据更新暂停(105 K)	2009-10-22 15:49
4	雪龙船	中国第26次南极考察队穿越赤道进入南半球(243 K)	2009-10-19 17:33

Click the image  on the pop-up window of stations or XUELONG, then you can view the relative news from the station or XUELONG.

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