Sky map round. Questions

10. Sky from Dhaka. You are given a map of certain region of sky as visible from Dhaka today.
The lines drawn indicate boundaries of the constellations.
The line shown at the bottom left corner corresponds to 11° in the sky.

10.1. Mark directions (North, South, East, West) with arrows and symbols N, S, E, W.

10.2. Identify as many constellations as possible, mark them by standard three-letter designation (use table of IAU names of the constellations as a reference).

10.3. Indicate approximate shape of the constellations by drawing stick figures.

10.4. There is a particular binary star in this map, where one component star has yellow colour and other star has blue colour. Mark this star with the letter "**B**".

10.5. Mark with the letter "**M**" positions of any two Messier list objects on the map.

10.6. Estimate declination of the center of the map and write it in the box δ =... at the bottom left corner.

The maximum total time for all questions is ***30 minutes****.*

АСТРОНОМИЧЕСКОЕ ОБЩЕСТВО

EURO–ASIAN ASTRONOMICAL SOCIETY

Round **Obs**

Group **αβ**

XI Азиатско-Тихоокеанская астрономическая олимпиада

XI Asian-Pacific Astronomy Olympiad

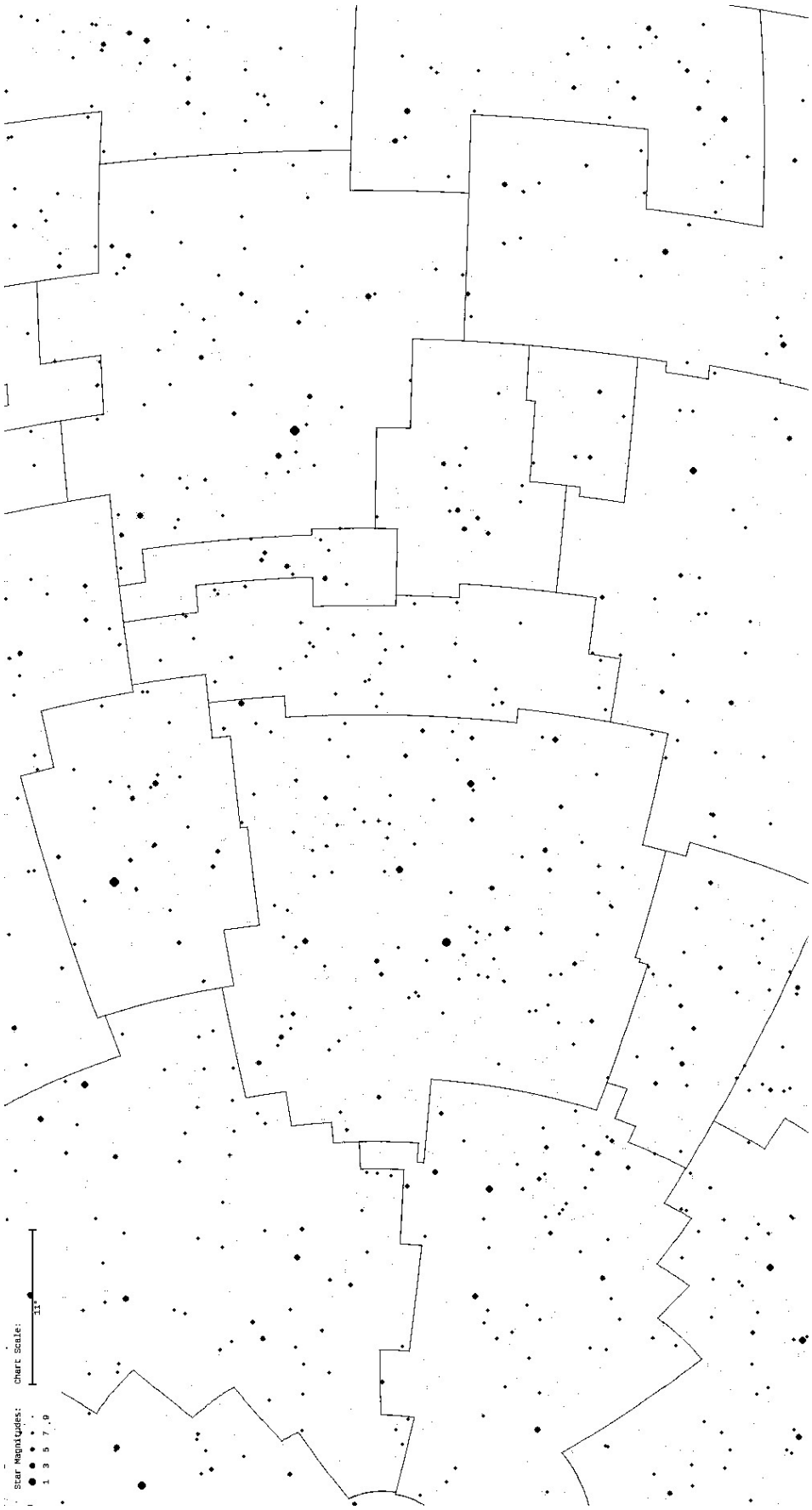
Code of participant

код участника

Бангладеш, Дакка 13–22. XI. 2015 Dhaka, Bangladesh

Карта звёздного неба

Sky map



δ =