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Totius Orbis Cogniti Universalis Descriptio . . . Ao. M.D.LXXXIX

Stock#: 91922
Map Maker: de Jode
Date: 1589
Place: Antwerp
Color: Uncolored
Condition: VG+
Size: 20 x 14 inches
Price: SOLD



Description:

Fine Dutch World Map Employing the Projection of Marinus of Tyre

This is a fine example of Cornelis De Jode's rare and highly sought after 1589 map of the world. In Gerard De Jode's first atlas of 1578, he produced a world map which does not appear in his son Cornelis De Jode's re-issue of the atlas in 1593. In its place, there are two world maps, this map of the world and a polar hemispheric projection, based upon Guillaume Postel's map of 1581.

According to Shirley, the map's rectangular projection is generally credited to Marinus of Tyre, with geography based on Gerard Mercator's world map (1569) and Abraham Ortelius' (1570). For example, in the Arctic region are four large islands, a geographical hypothesis suggested by Mercator.

To continue in the Polar Regions, the map shows a very clear Northwest and Northeast Passage. The Dutch were expanding east in the late sixteenth century in search of access to the spice trade; a northern passage to Asia was as tantalizing then as it is today. The East Indies themselves still show the influence of Marco Polo, as there is both a *Java maior* and a *Java minor*, farther to the south.

This second Java is set near a massive unknown southern continent. There are several rivers and labels on this mythical landmass, including one referencing *Pisatcorum regio*. This toponym, which means region of the parrots, appeared on Mercator's 1541 globe and his 1569 world map in approximately the position De Jode has it. It was supposed to have been sighted by Portuguese sailors.

The Americas take much from Ortelius for their shape. An elaborate note in the interior credits Columbus with the discovery of America, in 1492. The Americas are also the focus of a hemisphere in the upper left



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corner, while the eastern hemisphere, showing the Old World, is in the upper right. Both of these are on Roger Bacon's circular projection, as Shirley explains.

The map has a decorative border of bars and circle embellishments running all the way around the map. The same border repeats in the rectangular cartouche that contains the title. There is a note in the lower right-hand corner stating that *Corn: de Iudoejs of Antwerp* made the map in November 1589, at the Academy of Douai. In the lower left, however, a small note says that Cornelis' father, Gerard de Jode engraved the map. However, the map was not published until two years after de Jode the Elder's death, indicating that the project was perhaps started by the Elder and finished by the Younger.

Marinus of Tyre

As mentioned above, while the map appears to utilize something similar to a Mercator projection, which first appeared in 1569, the rectangular projection is more accurately attributed to Marinus of Tyre (AD 70-130). Marinus was a Greek geographer and mathematician during the Hellenic period. He is widely acknowledged as the founder of mathematical geography, particularly the use of meridians and parallels, and is credited with developing the underpinnings of Claudius Ptolemy's *Geographia*. For example, Ptolemy followed Marinus in placing the Prime Meridian at the Fortunate, or Canary, Islands.

Interestingly, we only know of Marinus's geographical work from commentary by Ptolemy in the *Geographia* and other commentaries. According to him, Marinus introduced improvements to the construction of maps and developed a system of nautical charts. Marinus estimated a length of 180,000 stadia for the equator; this corresponds to a circumference of the Earth of about 20,700 miles, or about 17% less than the actual value. Both Marinus' and Ptolemy's measurements were used by Columbus when he calculated his own circumference of the globe.

Marinus also actively compiled the works of early travelers, although Ptolemy thought him a bit too willing to believe fantastic stories. His maps were the first in the Roman Empire to show China. Marinus also coined the term Antarctic, referring to the opposite of the Arctic Circle.

Detailed Condition: