

China's ICBM Silo Constructions In Hami Area (1)

Of the four ICBM (Intercontinental Ballistic Missile) bases that China is reportedly constructing, we observed the Hami site, Uyghur Autonomous Region, using satellite synthetic aperture radar (SAR) imageries.

The white bright spots in the image below show the construction sites of silos. In this observation, 75 of the 110 silos identified in the previous study based on optical satellite images were confirmed.

This result suggests that construction of the 35 undetected silos have been completed, while remaining 75 are still under various stages of constructions.

On the other hand, based on the hypothesis that SAR can penetrate the large air tents installed at the construction site of ICBM silos, individual observations of the construction site were also conducted using high-resolution mode. Details will be discussed in the next issue.

Observation conditions

- Target: ICBM base construction site in Hami, Uighur Autonomous Region, China
- Period: November 22, 2021 to January 31, 2022 (per 1 map)
- Map: Wide area & high resolution mode, east-west approx. 62km, north-south approx. 32km, 6 cycle (Revisit cycle 14 days x 6 cycle = 84 days)
- Yellow frame: Displays optical images (MAXAR) and SAR images (high resolution mode) for the tent.

Wide-area map of Hami, inland China (SAR mosaic image) (2021/11/22~2022/01/31)

Air tent (outer view)

Optical imagery

Date: 2021/10/11

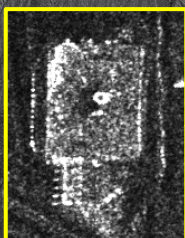
(Image © 2023 Maxar Technologies)



Air tent (inner view)

SAR imagery

Date: 2021/10/20



Support facility

SAR imagery

Date: 2022/1/12



Source : xxxxxxxx