

Project Bulletin

Koryak Regional Government

File #960800
7/97 Voyampolka, Russia

The Need: A 9,120 sq. ft. Village School
The Mission: To provide a school, meeting extreme weather conditions, snow loads, and seismic requirements
The Solution: The BRITCO 'Modular Core Construction'® System



THE BRITCO "MODULAR CORE CONSTRUCTION"® SYSTEM

1	2	3	4	5	6	7	8
Contract Award 6/23/96	Notice to Proceed 7/10/96	Submission of Drawings 8/9/96	Approval Issued 8/10/96	Permits issued N/A	Site Preparation 6/15/97	Delivery & Installation 9/5/97	Customer Acceptance 10/16/97

"The school is a showcase building. Nothing compares to it in all of Kamchatka and it sets a new standard for building."

David Stevens
Pacific Link

From start to finish: 195 days

Project Details

The school consists of thirty-eight modules, some of which were erected and some were **knock down** to save on freight.

The 9,000 sq. ft. school has seven classrooms, a computer lab, medical room and cafeteria with a fully equipped kitchen and Canadian built furnishings. The school design was developed by BRITCO to meet the Russian building codes and specifically to deal with a high snow-load environment as well as earthquake and fire resistant standards.

The building is woodframe construction with interior details which include: vinyl clad gyproc; electric heating; Modulux ceiling; linoleum flooring; and 2 x 6 walls for insulation and seismic resistance.

The exterior features metal siding, metal roofing, and double glazed windows.

BRITCO's sub-contractor was responsible for setting the modules, and the erection of panelized sections.

The school is in a remote native village accessible only by helicopter. The modules took 2 1/2 hours to transport from the nearest airfield to the site.

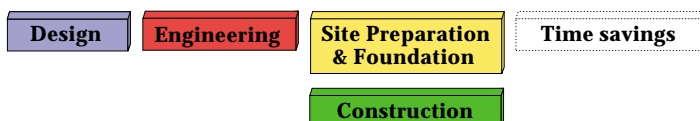
Installation crews lived in the village for six weeks during set-up. Although basic by BRITCO standards, Russian government officials pronounced the complex a "new standard" for school construction in eastern Russia.

The project utilized BRITCO 'Modular Core Construction'™ – the combination of concurrently scheduled site building and off-site pre-built modular units to reduce total construction time by up to 50%.

Traditional Construction timeline



'Factory-Built Building System' timeline



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