

## Fermilab

Long-Term  
Data Storage

Time Distribution Unit

Fermi DAQ-1

Main Injector Clock

## Shore Hut

Power Supply

Uninterruptible  
Power Supply  
(UPS)

GPS Receiver

10 MHz

PPS

CHIPS Network Switch

Shore  
DAQ-1

Shore  
DAQ-2

Shore  
DAQ-3

Shore  
DAQ-4

DAQ Network Switch

White Rabbit  
GrandMaster Switch

White Rabbit Data  
Switch

Multiplexer

### Key

Power

Network

Power + Network

Water Filters

Pump

## Wentworth 2W Pit

### CHIPS Detector

Multiplexer

Media  
Converter

AC/DC

Control

Relay

Junction Box

×5

×1

WR Switch

AC/DC

WR Switch

AC/DC

Media  
Converter

AC/DC

Control

Relay

×56

Calamares  
Board

Central Logic  
Board

Calamares  
Board

CW+PMT

CW+PMT

WR-LEN

AC/DC

Router

Switch

AC/DC

Beagle-  
bone

10 MHz

PPS

×6

Danout  
Board

×6

Beagle-  
bone

Badger Board

×15

μDAQ

CW+PMT

Nikhef Electronics Container

Nikhef Plane

Madison Electronics Container

Madison Plane

