

Quick reference for remote
“ghost” shift

The worker "ghost" shifter responsibilities

1. Support the single shifter in the Counting Room upon receiving a call:

Keep the “ghost” (remote) shifter cell phone with you all the time

2. Monitor the logbook posts regularly, check over the data to help look for problems and issues:

Access HBLOG at <https://logbooks.jlab.org/book/hblog>, link from the RG-F run wiki “Shift documentation” tab

3. Review the monitoring plots, should be done every 2-3 hours:

Monitoring histograms for the reference run and for the last five runs can be found at -

<https://clas12mon.jlab.org/mon12/histograms/?reference=3650729>, link can be accessed from the RG-F run wiki “Schedule” tab, Note 7 under “General Instructions”

4. When issues/problems are found contact the shifter in the counting room immediately and if required interact with the detector subsystem expert to resolve the issue:

Phone numbers in the counting room, cell phone number for the shift expert and for system experts are listed on the RG-F run wiki, “Phone numbers” tab -

https://wiki.jlab.org/clas12-run/index.php/Run_Group_F#tab=Phone_Numbers

All the monitoring is done with a web browser.

Run wiki can be accessed from Hall-B home page, <https://www.jlab.org/physics/hall-b>, the “Run info” link from the left will bring to the run page <https://www.jlab.org/Hall-B/run-web/>, where “Run page” will take you to the run wiki.

Additional monitoring – WEB-EPICS

The screenshot displays the 'Run Group F' monitoring page on the JLAB website. The page features a navigation bar with tabs: Shift Documentation, Phone Numbers, Schedule, Monitoring, and Useful Links. The main content area is divided into four sections: Webcams, Hall Webcams, Manuals, and Epics on the web. The Webcams section lists links for Faraday Cup Beam Viewer, Tagger Beam Dump Viewer, Hall Fisheye, and Saclay Cryotarget. The Hall Webcams section lists links for Hall A, Hall B, Hall C, and Hall D. The Manuals section lists links for CED Manual, MONT2 Manual, and off-line Manual. The Epics on the web section lists links for Hall B WebOPI (CUE Login) and Accelerator (CUE Login). A blue arrow points from the 'Manuals' section to a smaller browser window showing the 'CLAS12 Menu' interface. The 'CLAS12 Menu' interface displays a list of Detectors (CTOF, DC, HTCC, LTCC, CVT, FT, CND, RICH, RTPC) and Subsystems (Beamline, Overview - Web Version, High Voltage, Injector, BTA Config, Saclay Cryotarget, Torus, Weather, DAQ, Moeller). A blue arrow points from the 'CLAS12 Menu' interface to a 'Next page' link.

Run Group F

Shift Documentation Phone Numbers Schedule Monitoring Useful Links [edit]

Webcams

- Faraday Cup Beam Viewer
- Tagger Beam Dump Viewer
- Hall Fisheye
- Saclay Cryotarget

Hall Webcams

(the first time you open any camera in any browser, accept the security exception)

- Hall A
- Hall B
- Hall C
- Hall D

Manuals

- CED Manual
- MONT2 Manual
- off-line Manual

Epics on the web

- Hall B WebOPI (CUE Login)
- Accelerator (CUE Login)

CLAS12 Menu

Detectors

- CTOF
- DC
- HTCC
- LTCC
- CVT
- FT
- CND
- RICH
- RTPC

Subsystems

Beamline

- Overview - Web Version
- High Voltage
- Injector
- BTA Config
- Saclay Cryotarget
- Torus
- Weather
- DAQ
- Moeller

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https://www.jlab.org hallbopi.jlab.org 100%

Display CLAS12 Menu Beamline Overview

clas Orbit Locks: **Running**

Fast Shut Down

	Upstream	Midstream	Downstream	BOM
Counts	1	13	85416	0
Threshold	2000	2000	200000	100000
Dwell Time (ms)	5.00	5.00	5.00	5.00
Masked / Tripped				

Solenoid: **Disconnected**

JScalers

	ECAL	PCAL	FTOF	LTCC	HTCC
S1	19253	12003	36091	N/A	61676
S2	20166	8243	30571	42121	55208
S3	9367	9592	42357	42639	
S4					
S5					
S6	15629	12280	36326	58742	17765
S7	7206	8198	30214	83848	45964
S8					
S9					
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S100					

Downstream Halo Counters

	T	R	L	B
21746				
16999				
23916				
24660				

Beam Time Accounting

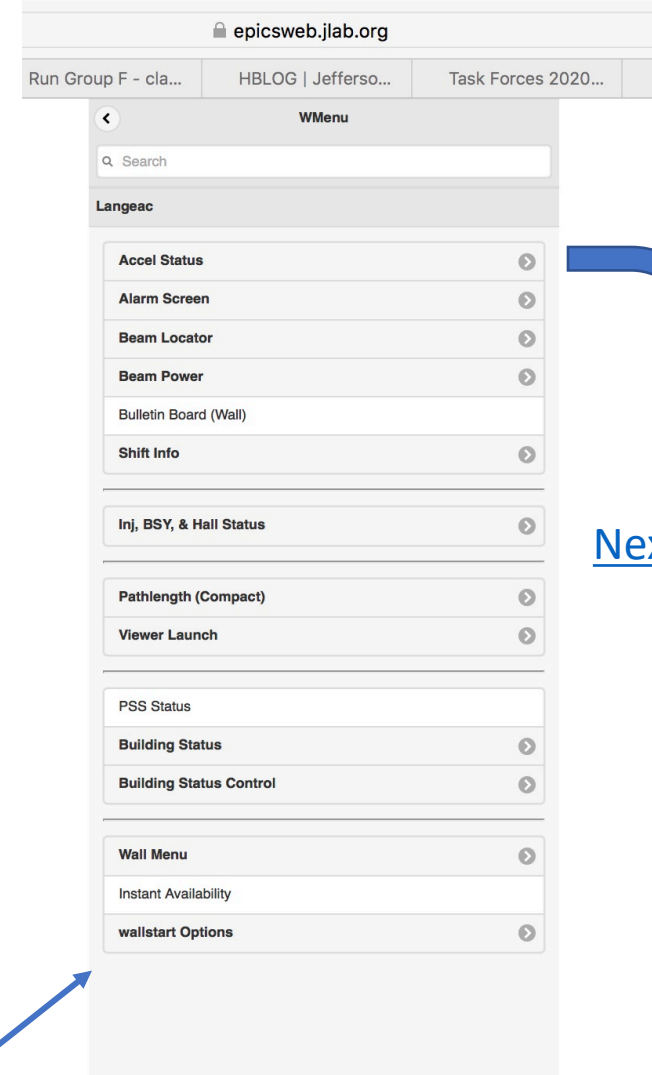
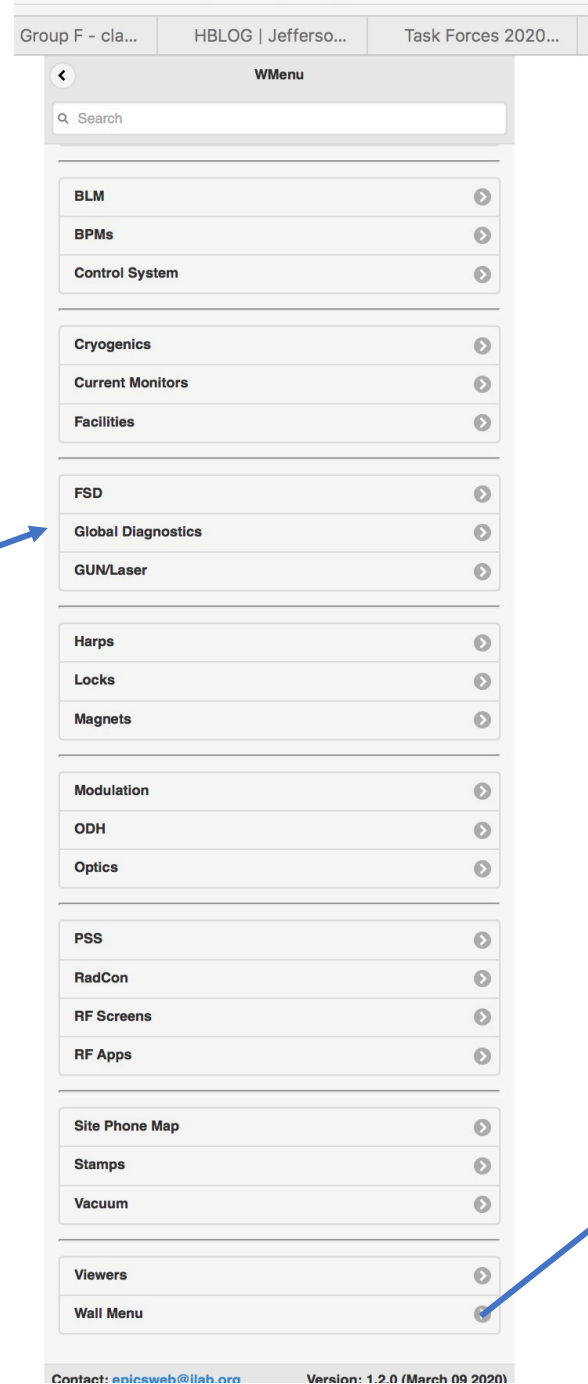
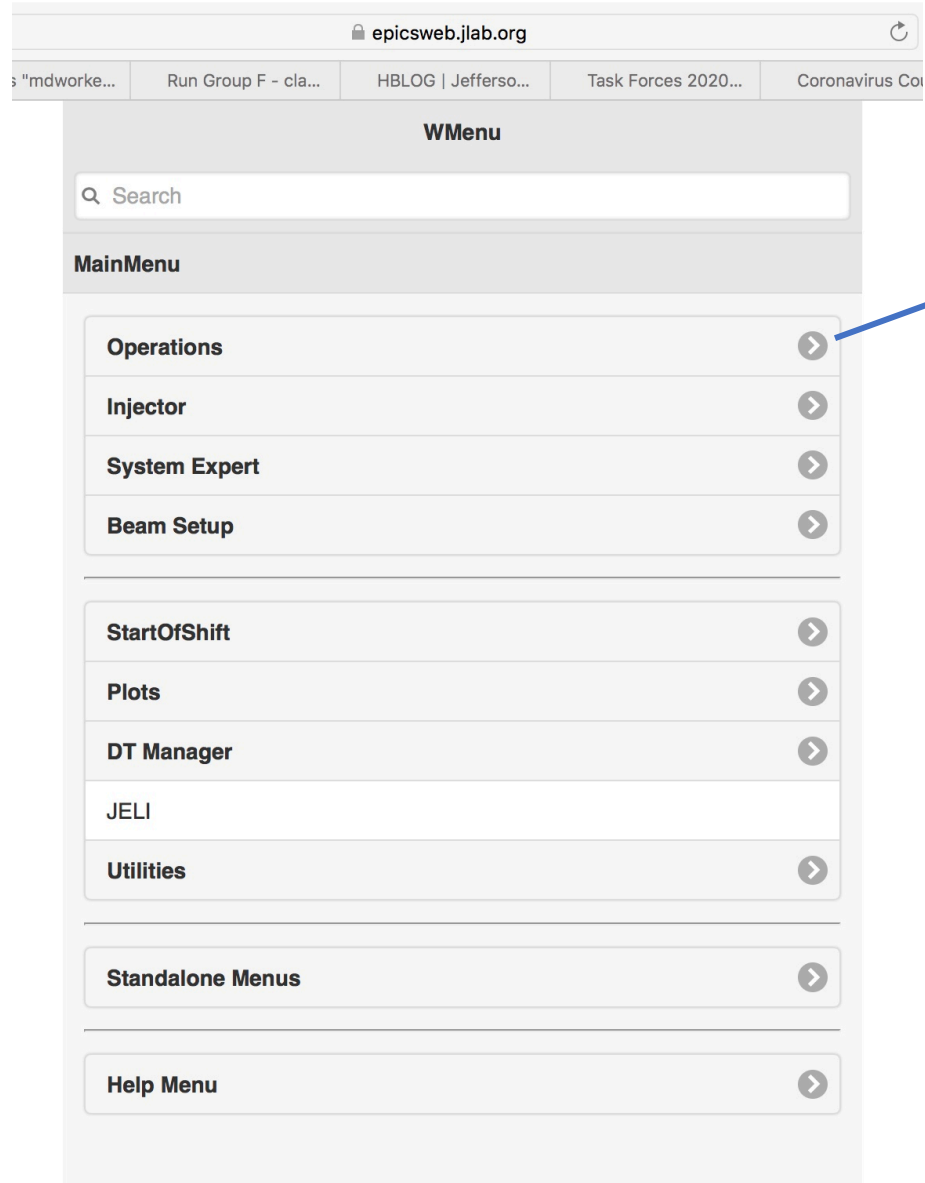
Beam Availability	Available
DAQ Status	In Use
Beam Type	Electron
Beam Destination	Faraday Cup
BSY Energy (MeV)	10389.36
Max RMS (%)	1.63
Bunch Frequency	250 MHz

Helicity

1/2 Wave Plate	OUT
+Z to +Y	-90.60
+Y to -X	88.028
+Z to -	

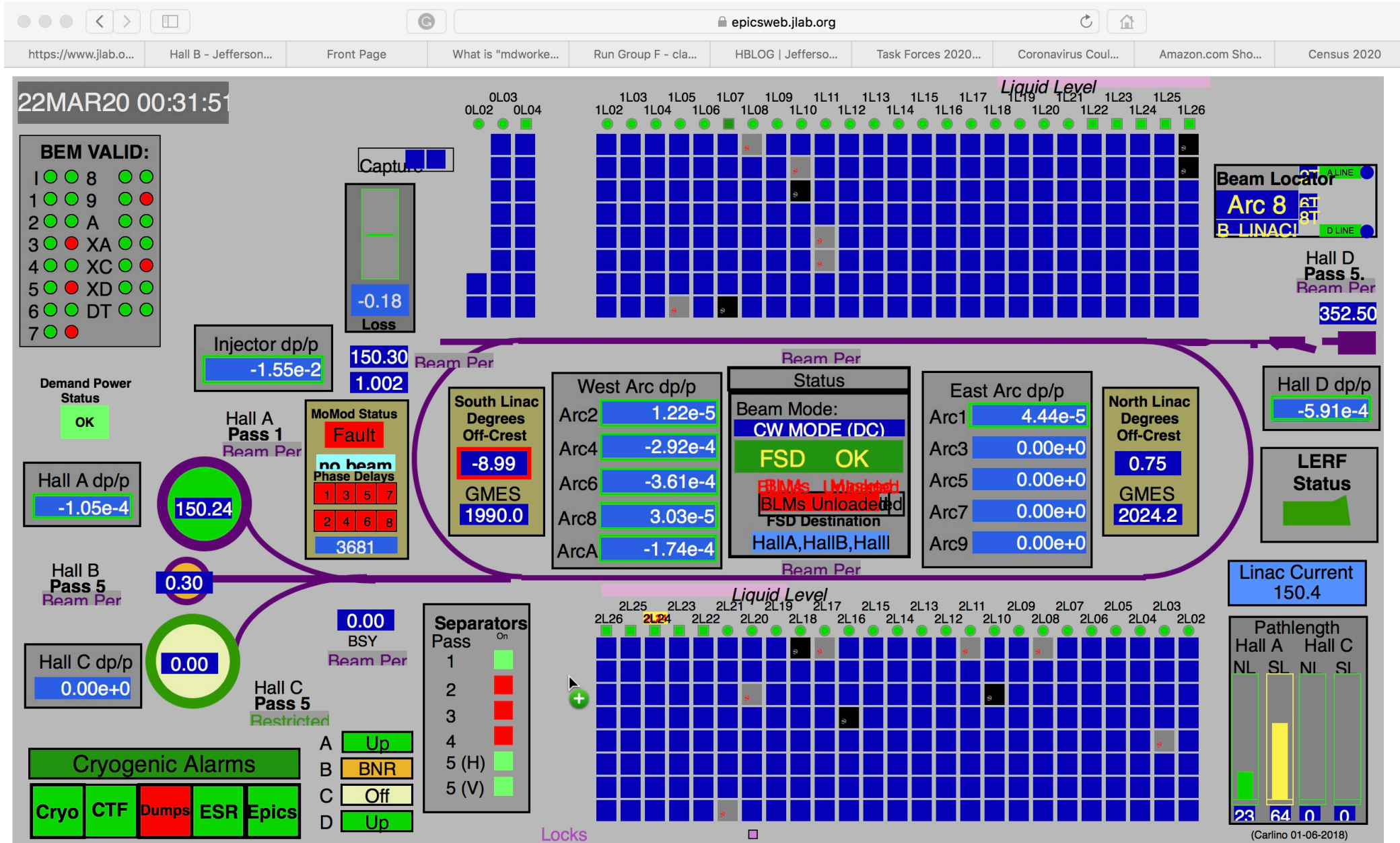
WMenu

<https://epicsweb.jlab.org/wmenu/>



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Acc Status



WEB MYA - <https://epicsweb.jlab.org/wave>

https://epicsweb.jlab.org/wave/?start=2020-03-21+00%3A03%3A33&end=2020-03-22+00%3A08%3A33&myaDeployment=ops&myaLimit=100000&title=&fullscreen=false&layoutMode=1&viewerMode=1&pv=scalerS11b&pv=scaler_calc1

