

Weekly Construction Summary

Week of 9/17/2023

Construction Summary

Removal of telescope components, except the BUS, from the site was completed this week. Preparations for disassembly of the BUS continued all week.

On Monday, the elevation assembly and one counterweight were removed from the site.

On Tuesday, the base assembly and the other counterweight were removed from the site.

On Wednesday, Airgas removed the four propane cylinders from the fuel shed. Small equipment was removed from the dome and outbuildings, and packed in the containers. This continued for the rest of the week.

On Thursday, the crane was demobilized from the site. Pest inspection was conducted by Terminix.

On Friday, the manlift was demobilized from the site by Sunbelt Rentals. Two chillers were removed from the site by JCMT personnel and relocated to that site.



INDEPENDENT DECOMMISSIONING PROJECT MANAGER PROJECT DIARY

DATE : Monday, September 18, 2023

WEATHER: Suitable For All Planned Work
At CSO, clear, light wind. Temp at
8:00am 45F, later up to mid 50s.

PROJECT TITLE: **Caltech Submillimeter Observatory Decommissioning**

Work Hours:

Report By: **Shawn Gardner**

Arrv: **0800**

Dep: **1400**

Monitors on Site:	Cultural - Gerald Mahi
Work Items	Location & Description of Work/Activities
Telescope removal	<p>Crane relocated chiller and other equipment from the 3rd to the 1st level.</p> <p>Lowboy trailer from Conen's Freight arrived at 10:22am. The elevation assembly and one of the two counterweights were loaded on the lowboy, and it departed the site at 11:48am.</p> <p>Simon Radford was present and observed the removal. He also continued the preparation for jackstands on the BUS in preparation for disassembly.</p> <p>Jon Steen from GBI and Gary Fujii and Ronald Lee from Leleiwi Electric were on site/in the vicinity for four hours. Reported they had calibrated their GPS.</p>

WORK FORCE & EQUIPMENT

NAME	POS	HR	Company	EQUIPMENT	TYPE	HR
Bill Johnson		8		Pasha Container	20 ft	Onsite
Rick	Crew	8		Container	40 ft	Onsite
George	Crew	8		Telehandler, JLG Skytrak	10054	1
Sayer	Crew	8		Manlift, Genie	Z-62/40	1
				Crane, Grove 120 ton	GMK5120B	4
Alan Paiva	Operator	6	Isemoto			
Colin	Oiler	6	Isemoto			
Eric	Rigger	6	Isemoto			
Renae	Rigger	6	Isemoto			
Jon Steen	PM	4	GBI			
Gary Fujii		4	Leleiwi Electric			
Ronald Lee		4	Leleiwi Electric			

Signed by: 

Reviewed by: Shawn Gardner

Date 9/18/2023



^ 10:20am - moving chiller



^ 10:22am - lowboy arrives



^ 10:37am - elevation assy being moved to lowboy



^ 11:05am - elevation assy positioned on lowboy



^ 11:18am - counterweight positioned on lowboy



^ 11:48am - lowboy departing site



INDEPENDENT DECOMMISSIONING PROJECT MANAGER PROJECT DIARY

DATE : Tuesday, September 19, 2023

WEATHER: Suitable For All Planned Work
At CSO, clear, light wind. Temp at
8:00am 45F, later up to mid 50s.

PROJECT TITLE: **Caltech Submillimeter Observatory Decommissioning**

Work Hours:

Report By: **Shawn Gardner**

Arrv: **0800**

Dep: **1330**

Monitors on Site:	Cultural - Gerald Mahi
Work Items	Location & Description of Work/Activities
Telescope removal	<p>Lowboy trailer from Conen's Freight arrived at 9:22am. The base assembly and the second of the two counterweights were loaded on the lowboy, and it departed the site at 10:46am.</p> <p>Simon Radford and Stewart Hunter were present and observed the removal. Simon also continued the preparation of jackstands for the BUS in preparation for disassembly.</p> <p>Note: after the crane picks were done, the operator had apparent altitude sickness. He was given oxygen and was directed by Bill Johnson to go to the ER in Hilo, and he and his crew left the site.</p>

WORK FORCE & EQUIPMENT

NAME	POS	HR	Company	EQUIPMENT	TYPE	HR
Bill Johnson		8		Pasha Container	20 ft	Onsite
Rick	Crew	8		Container	40 ft	Onsite
George	Crew	8		Telehandler, JLG Skytrak	10054	1
Sayer	Crew	8		Manlift, Genie	Z-62/40	1
				Crane, Grove 120 ton	GMK5120B	2
Alan Paiva	Operator	3	Isemoto			
Colin	Oiler	3	Isemoto			
Eric	Rigger	3	Isemoto			
Renae	Rigger	3	Isemoto			

Signed by: 

Reviewed by: Shawn Gardner

Date 9/19/2023



^ 8:12am - CSO from JCMT



^ 9:22am - lowboy arrives



^ 9:30am - picking base assy from ground



^ 9:33am - base assy positioned on lowboy



^ 9:45am - counterweight positioned on lowboy



^ 10:46am - lowboy departing site



INDEPENDENT DECOMMISSIONING PROJECT MANAGER PROJECT DIARY

DATE : Wednesday, September 20, 2023

WEATHER: Suitable For All Planned Work
At CSO, clear, light wind. Temp at
9:00am 45F, later up to high 50s.

PROJECT TITLE: **Caltech Submillimeter Observatory Decommissioning**

Work Hours:

Report By: **Shawn Gardner**

Arrv: **0900**

Dep: **1430**

Monitors on Site:	Cultural - Gerald Mahi
Work Items	Location & Description of Work/Activities
Telescope removal	Removed small equipment from the dome and outbuildings, and packed in the containers. AirGas arrived at 10:10am. Removed all four of the propane cylinders from the fuel shed and left the site at 10:27am. Stewart Hunter visited the site between nine and ten AM. Simon Radford continued the preparation of jackstands for the BUS in preparation for disassembly.

WORK FORCE & EQUIPMENT

NAME	POS	HR	Company	EQUIPMENT	TYPE	HR
Bill Johnson		8		Pasha Container	20 ft	Onsite
Rick	Crew	8		Container	40 ft	Onsite
George	Crew	8		Telehandler, JLG Skytrak	10054	Onsite
Sayer	Crew	8		Manlift, Genie	Z-62/40	1
				Crane, Grove 120 ton	GMK5120B	Onsite

Signed by: 

Reviewed by: Shawn Gardner

Date 9/20/2023



^ 10:02am - CSO looking southeast



^ 10:10am - Airgas arrives



^ 10:21am - fuel shed empty of propane



^ 10:21am - loading cylinders on truck



^ 10:27am - Airgas departing



^ 2:35pm - closed up for the day



INDEPENDENT DECOMMISSIONING PROJECT MANAGER PROJECT DIARY

DATE : Thursday, September 21, 2023

WEATHER: Suitable For All Planned Work
At CSO, high clouds, light wind. Temp
at 8:00am 45F, later up to mid 50s.

PROJECT TITLE: **Caltech Submillimeter Observatory Decommissioning**

Work Hours:

Report By: **Shawn Gardner**

Arrv: **0800**

Dep: **1530**

Monitors on Site:	Cultural - Gerald Mahi
Work Items	Location & Description of Work/Activities
Telescope removal	<p>Removed small equipment from the dome and outbuildings, and packed in the containers.</p> <p>Isemoto lowboy arrived onsite at 9:15am. Crane was prepared for travel, counterweights, steel plates, and blocking were loaded on the lowboy, and lowboy, crane, and crew departed site at 10:17am.</p> <p>Simon Radford continued the preparation of jackstands for the BUS in preparation for disassembly.</p> <p>Two personnel from Terminix arrived at the site at 2:20pm, conducted an inspection of the structure, and departed at 3:15pm.</p>

WORK FORCE & EQUIPMENT

NAME	POS	HR	Company	EQUIPMENT	TYPE	HR
Bill Johnson		8		Pasha Container	20 ft	Onsite
Rick	Crew	8		Container	40 ft	Onsite
George	Crew	8		Telehandler, JLG Skytrak	10054	5
Sayer	Crew	8		Manlift, Genie	Z-62/40	1
				Crane, Grove 120 ton	GMK5120B	Demobed
Alan Paiva	Operator	3	Isemoto			
Colin	Oiler	3	Isemoto			
Eric	Rigger	3	Isemoto			
Renae	Rigger	3	Isemoto			

Signed by: 

Reviewed by: Shawn Gardner

Date 9/21/2023



^ 7:57am - opening CSO dome



^ 9:15am - lowboy arrives



^ 9:30am - loading counterweights on lowboy



^ 9:54am - loading steel plates on lowboy



^ 10:17am - crane departing



^ 3:15pm - closed up for the day



INDEPENDENT DECOMMISSIONING PROJECT MANAGER PROJECT DIARY

DATE : Friday, September 22, 2023

WEATHER: Suitable For All Planned Work
At CSO, high clouds, light wind. Temp
at 8:00am 45F, later up to mid 50s.

PROJECT TITLE: **Caltech Submillimeter Observatory Decommissioning**

Work Hours:

Report By: **Shawn Gardner**

Arrv: **0800**

Dep: **1430**

Monitors on Site:	Cultural - Gerald Mahi
Work Items	Location & Description of Work/Activities
Telescope removal	Removed small equipment from the dome and outbuildings, and packed in the containers. Manlift was removed from site by Sunbelt Rentals. Two chillers were loaded from the dome to a truck from the JCMT, which took them to that facility. Simon Radford, with colleagues from the Shanghai Normal University, continued the preparation of jackstands for the BUS in preparation for disassembly.

WORK FORCE & EQUIPMENT

NAME	POS	HR	Company	EQUIPMENT	TYPE	HR
Bill Johnson		8		Pasha Container	20 ft	Onsite
Rick	Crew	8		Container	40 ft	Onsite
George	Crew	8		Telehandler, JLG Skytrak	10054	2
Sayer	Crew	8		Manlift, Genie	Z-62/40	Demobed

Signed by: 

Reviewed by: Shawn Gardner

Date 9/22/2023



^ 11:14am - CSO from JCMT



^ 11:34am - loading first chiller to JCMT truck



^ 9:30am - loading counterweights on lowboy



^ 11:37am - jackstand adjustments



^ 11:53am - JCMT truck with two chillers



^ 14:23pm - closed up for the day