

## Weekly Construction Summary

### Week of 9/10/2023

#### Construction Summary

Disassembly and removal of the telescope from the dome structure was completed this week.

On Monday, the BUS and side cab were removed.

On Tuesday, the counterweights on the elevation assembly were removed.

On Wednesday, the three platform sections attached to the elevation assembly were removed.

On Thursday, the elevation assembly was removed.

On Friday, the base assembly was removed, and the first load of components (platform sections) was removed from the site.

Cultural orientation for the crane crew and videographers was conducted at Halepohaku on Monday morning, prior to going to the site. The orientation was conducted for the workers from Alaka'i Builders and American Electric at the site when they arrived later in the week.



## INDEPENDENT DECOMMISSIONING PROJECT MANAGER PROJECT DIARY

DATE : Monday, September 11, 2023

WEATHER: Suitable For All Planned Work  
At CSO, clear, light wind. Temp at  
9:30am 40F, later up to mid 50s.

PROJECT TITLE: **Caltech Submillimeter Observatory Decommissioning**

Work Hours:

Arrv: **0800**

Dep: **1500**

Report By: **Shawn Gardner**

<b>Monitors on Site:</b>	Cultural - Peter Alu Construction - Karl Halemano
<b>Work Items</b>	<b>Location &amp; Description of Work/Activities</b>
Telescope removal	Cultural Orientation for crane crew and two videographers was conducted at 8:00am at HP.  Work started on site at 9:30. The BUS and side cab were removed. Prepped for removal of the counterweights.  Simon Radford and videographers were present and observed/recorded the work.

### 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	Onsite
				Crane, Grove 120 ton	GMK5120B	5
Alan Paiva	Operator	7	Isemoto			
Colin	Oiler	7	Isemoto			
Eric	Rigger	7	Isemoto			
Renae	Rigger	7	Isemoto			

Signed by: 

Reviewed by: Shawn Gardner

Date 9/11/2023

## INDEPENDENT DECOMMISSIONING PROJECT MANAGER PROJECT DIARY

DATE : Monday, September 11, 2023

PROJECT TITLE: **Caltech Submillimeter Observatory Decommissioning**

Report By: **Shawn Gardner**

WEATHER: Suitable For All Planned Work

At CSO, clear, light wind. Temp at 9:30am 40F, later up to mid 50s.

Work Hours:

Arrv: **0800**

Dep: **1500**

### PHOTOS (full resolution and additional photos archived)





## INDEPENDENT DECOMMISSIONING PROJECT MANAGER PROJECT DIARY

DATE : Tuesday, September 12, 2023

WEATHER: Suitable For All Planned Work  
At CSO, clear, light wind. Temp at  
8:30am 40F, later up to mid 50s.

PROJECT TITLE: **Caltech Submillimeter Observatory Decommissioning**

Work Hours:

Report By: **Shawn Gardner**

Arrv: **0800**

Dep: **1500**

Monitors on Site:	Cultural - Peter Alu
Work Items	Location & Description of Work/Activities
Telescope removal	The two counterweights were removed. Prepped for removal of the platforms. Dismantled and packed side cab in container.  Simon Radford and Stewart Hunter were present and observed the removal. Simon began installation of jackstands on 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	5
Sayer	Crew	8		Manlift, Genie	Z-62/40	5
				Crane, Grove 120 ton	GMK5120B	6
Alan Paiva	Operator	7	Isemoto			
Colin	Oiler	7	Isemoto			
Eric	Rigger	7	Isemoto			
Renae	Rigger	7	Isemoto			
Kaeo Jones	Lead		Alaka'i Builders			
Sam	Crew		Alaka'i Builders			

Signed by: 

Reviewed by: Shawn Gardner

Date 9/12/2023



## INDEPENDENT DECOMMISSIONING PROJECT MANAGER PROJECT DIARY

DATE : Tuesday, September 12, 2023

WEATHER: Suitable For All Planned Work  
At CSO, clear, light wind. Temp at  
8:30am 40F, later up to mid 50s.

PROJECT TITLE: **Caltech Submillimeter Observatory Decommissioning**

Work Hours:

Arrv: 0800

Dep: 1500

Report By: **Shawn Gardner**

### PHOTOS (full resolution and additional photos archived)





## INDEPENDENT DECOMMISSIONING PROJECT MANAGER PROJECT DIARY

DATE : Wednesday, September 13, 2023

WEATHER: Suitable For All Planned Work  
At CSO, clear, light wind. Temp at  
8:00am 40F, later up to mid 50s.

PROJECT TITLE: **Caltech Submillimeter Observatory Decommissioning**

Work Hours:

Report By: **Shawn Gardner**

Arrv: **0800**

Dep: **1500**

<b>Monitors on Site:</b>	Cultural - Peter Alu Construction - Karl Halemano
<b>Work Items</b>	<b>Location &amp; Description of Work/Activities</b>
Telescope removal	The three platform sections were removed. Prepped for removal of the Elevation Assembly.  Simon Radford was present and observed the removal. He also continued the preparation of jackstands on 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	6
				Crane, Grove 120 ton	GMK5120B	5
Alan Paiva	Operator	7	Isemoto			
Colin	Oiler	7	Isemoto			
Eric	Rigger	7	Isemoto			
Renae	Rigger	7	Isemoto			
Kaeo Jones	Lead	6	Alaka'i Builders			
Sam	Crew	6	Alaka'i Builders			

Signed by: 

Reviewed by: Shawn Gardner

Date 9/13/2023



## INDEPENDENT DECOMMISSIONING PROJECT MANAGER PROJECT DIARY

DATE : Wednesday, September 13, 2023

WEATHER: Suitable For All Planned Work

At CSO, clear, light wind. Temp at 8:00am 40F, later up to mid 50s.

PROJECT TITLE: **Caltech Submillimeter Observatory Decommissioning**

Work Hours:

Arrv: **0800**

Dep: **1500**

Report By: **Shawn Gardner**

### PHOTOS (full resolution and additional photos archived)



^ 9:14am - removing first platform section



^ 9:19am - placing first section on dunnage



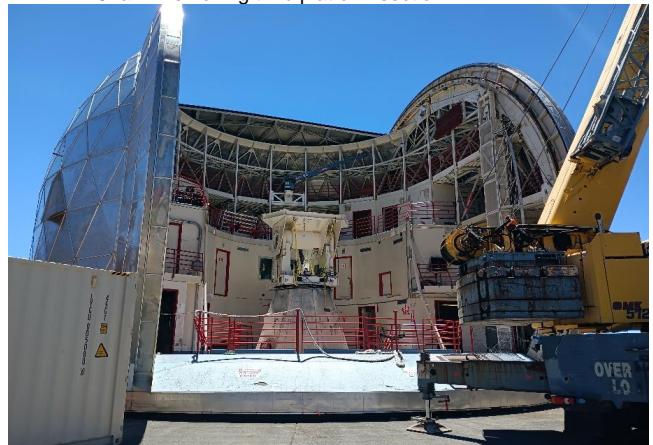
^ 10:34am - removing second platform section



^ 11:57am - removing third platform section



^ 12:04pm - all three sections on dunnage



^ 12:06pm - all platforms removed



## INDEPENDENT DECOMMISSIONING PROJECT MANAGER PROJECT DIARY

DATE : Thursday, September 14, 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: **1500**

Monitors on Site:	Cultural - Julian Shiroma
Work Items	Location & Description of Work/Activities
Telescope removal	Completed preparation and removed the Elevation Assembly. Also removed the parabolic truss from the dome. Prepped for removal of the base assembly.  Simon Radford was present and observed the removal. He also continued the preparation for jackstands on 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	5
				Crane, Grove 120 ton	GMK5120B	5
Alan Paiva	Operator	5	Isemoto			
Colin	Oiler	5	Isemoto			
Eric	Rigger	5	Isemoto			
Renae	Rigger	5	Isemoto			

Signed by: 

Reviewed by: Shawn Gardner

Date 9/14/2023





^ 7:56am - dome opened to start work



^ 9:17am - continuing prep of elevation assy for removal



^ 10:24am - elevation assy separated from base



^ 10:34am - elevation assy at mid movement



^ 10:41am - elevation assy resting on dunnage



^ 11:15am - removing parabolic truss from dome



## INDEPENDENT DECOMMISSIONING PROJECT MANAGER PROJECT DIARY

DATE : Friday, September 15, 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: **1500**

<b>Monitors on Site:</b>	Cultural - Julian Shiroma Construction - Karl Halemano
<b>Work Items</b>	<b>Location &amp; Description of Work/Activities</b>
Telescope removal	Electrician arrived at 9:15am, cut power to the telescope base to allow its removal. Also tested backup generator, and removed it from site. Flatbed trailer from Conen's Freight arrived at 10:37am. The three platform sections previously removed from the observatory, as well as the C-hook used for removal of the counterweights, were loaded on the flatbed trailer and removed from the site. Departed at 11:51am. Preparation for removal of the base assembly continued, and it was removed from the structure at 1:58pm.  Simon Radford was present and observed the removal. He also continued the preparation for jackstands on 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	1
Sayer	Crew	8		Manlift, Genie	Z-62/40	7
				Crane, Grove 120 ton	GMK5120B	7
Alan Paiva	Operator	8	Isemoto			
Colin	Oiler	8	Isemoto			
Eric	Rigger	8	Isemoto			
Renae	Rigger	8	Isemoto			
James Whipple	Electrician	6	American Electric			

Signed by: 

Reviewed by: Shawn Gardner

Date 9/15/2023





^ 10:37am - flatbed arrives



^ 11:51am - loaded flatbed departs site



^ 1:57pm - base assy lifted from foundation



^ 1:59pm - base assy at mid movement



^ 2:02pm - base assy resting on ground



^ 2:20pm - loading backup generator for removal