

Weekly Construction Summary

Week of 9/24/2023

Construction Summary

Demolition work began this week, starting with the Cultural Orientation of the Contractor crews at Halepohaku on Monday morning. Disassembly of the BUS also began.

On Monday, Heleiwi Elec. began work de-energizing the dome. Prep for BUS disassembly continued.

On Tuesday, Heleiwi continued the de-energization, and Northwest Demo delivered a generator and other small equipment. Prep for BUS disassembly continued.

On Wednesday, disassembly of the BUS started. Heleiwi continued the de-energization, and Northwest began demolition of the interior walls on the third level.

On Thursday, Northwest continued demolition on the third level. Disassembly work continued on the BUS.

On Friday, two sections of the BUS were removed from the rest. Northwest continued demolition on the third level. Terminix installed rat traps and bait boxes in the structure.



INDEPENDENT DECOMMISSIONING PROJECT MANAGER PROJECT DIARY

DATE : Monday, September 25, 2023

WEATHER: Suitable For All Planned Work
At CSO, clear, light wind. Temp at
11:00am 50F, later up to high 50s.

PROJECT TITLE: **Caltech Submillimeter Observatory Decommissioning**

Work Hours:

Report By: **Shawn Gardner**

Arrv: **1100**

Dep: **1630**

Monitors on Site:	Cultural - Peter Alu at HP but came down sick and could not go to site.
Work Items	Location & Description of Work/Activities
Telescope removal	Removed small equipment from the dome and outbuildings, and packed in the containers. Simon Radford, with colleagues from the Shanghai Normal University, continued the preparation of jackstands for the BUS in preparation for disassembly.
Demolition	Matting for stabilized construction entrance/exit was delivered by GBI at 11:15am. Leleiwi Elec. worked on de-energizing the dome structure. Jon Steen was onsite all day. Note: Cultural Orientation was conducted at HP for the Contractor crews at 9:30am.

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				
Sam Peck	Sup.	3	GBI			
Keoni Kaluna	Foreman	3	GBI			
Frank Collo	Operator	3	GBI			
Gary Fujii	Foreman	6	Leleiwi Elec.			
Ronald Lee	Crew	6	Leleiwi Elec.			
Ryerson Andrade	Crew	6	Leleiwi Elec.			

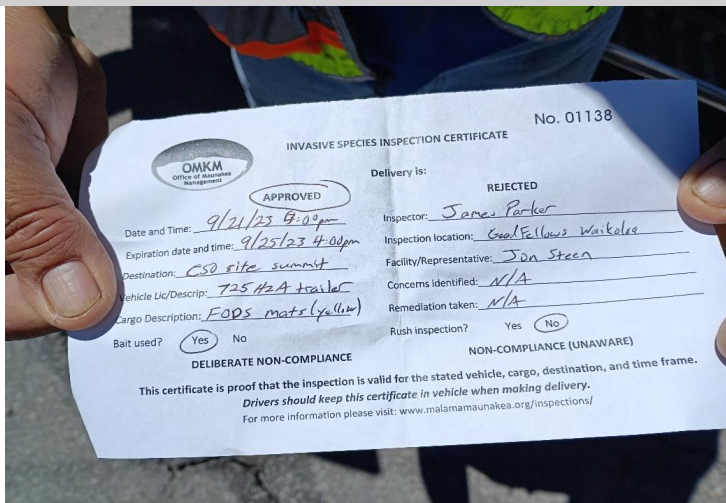
Signed by: 

Reviewed by: Shawn Gardner

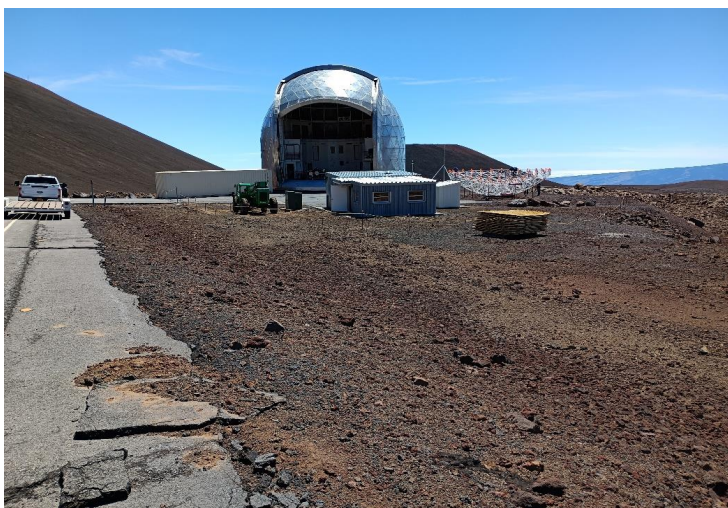
Date 9/25/2023



^ 11:15am - matting delivery



^ 11:21am - inspection certificate



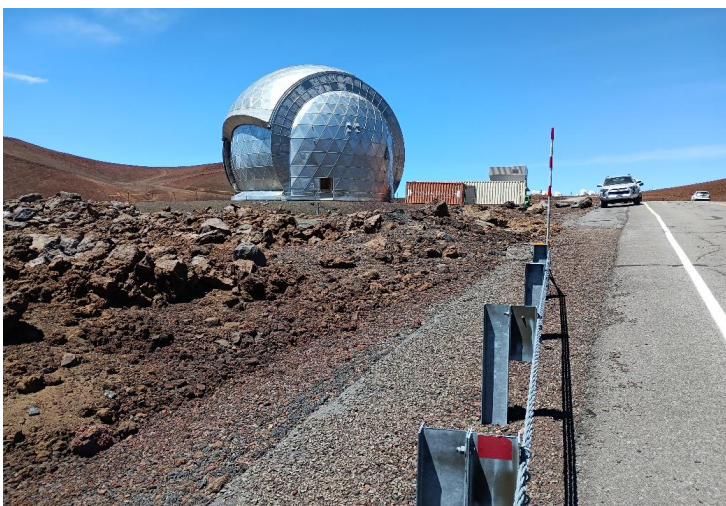
^ 12:06pm - looking southeast



^ 12:08pm - jackstand adjustments



^ 12:09pm - staging area



^ 12:10pm - looking northwest



INDEPENDENT DECOMMISSIONING PROJECT MANAGER PROJECT DIARY

DATE : Tuesday, September 26, 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: **1530**

Monitors on Site:	Cultural - Gerald Mahi
Work Items	Location & Description of Work/Activities
Telescope removal	Simon Radford and Sunil Golwala, with colleagues from the Shanghai Normal University, continued the preparation of jackstands for the BUS in preparation for disassembly.
Demolition	Leleiwi Elec. continued work on de-energizing the dome structure, and troubleshooting the shutter which would not open. Northwest Demolition crew delivered a generator and other equipment to the site. Jon Steen and Lucas Peel were onsite ~11-2.

WORK FORCE & EQUIPMENT

NAME	POS	HR	Company	EQUIPMENT	MODEL/TYPE	HR
Bill Johnson		8		Pasha Container	20 ft	Onsite
Rick	Crew	0		Container	40 ft	Onsite
George	Crew	0		Telehandler, JLG Skytrak	10054	Onsite
Sayer	Crew	0		Generator, Multiquip Whisperwatt	DCA-25SSIU4F	8
Sam Peck	Sup.	0	GBI			
Keoni Kaluna	Foreman	0	GBI			
Frank Collo	Operator	0	GBI			
Gary Fujii	Foreman	8	Leleiwi Elec.			
Ronald Lee	Crew	8	Leleiwi Elec.			
Ryerson Andrade	Crew	8	Leleiwi Elec.			
Bruce Burley	Foreman	3	Northwest Demo.			
Darren Miguel	Crew	3	Northwest Demo.			
Anthony Ortiz	Crew	3	Northwest Demo.			
Gary Lagapa	Crew	3	Northwest Demo.			

Signed by: 

Reviewed by: Shawn Gardner

Date 9/26/2023



^ 8:17am - shutter wouldn't open



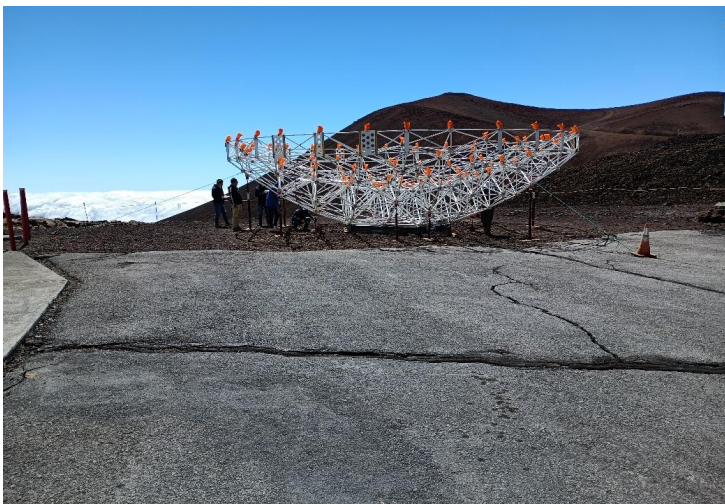
^ 8:19am - looking southeast



^ 9:00am - working on BUS jackstands



^ 9:18am - electricians in electric room



^ 1:42pm - working on BUS jackstands



^ 3:19pm - closing up for the day



INDEPENDENT DECOMMISSIONING PROJECT MANAGER PROJECT DIARY

DATE : Wednesday, September 27, 2023

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

PROJECT TITLE: **Caltech Submillimeter Observatory Decommissioning**

Work Hours:

Report By: **Shawn Gardner**

Arrv: **0800**

Dep: **1530**

Monitors on Site:	Cultural - Julian Shiroma Construction - Karl Halemano
Work Items	Location & Description of Work/Activities
Telescope removal	Bill Johnson and crew, assisted by Simon Radford and Sunil Golwala, with colleagues from the Shanghai Normal University, started dissassembly of the BUS.
Demolition	Leleiwi Elec. continued work on de-energizing the dome structure, and troubleshooting the shutter which remains inoperable. Northwest Demolition crew began demolition on the 3rd level of the dome structure. A Roll-Off rubbish bin was delivered to the site. Jon Steen was onsite all day.

WORK FORCE & EQUIPMENT

NAME	POS	HR	Company	EQUIPMENT	MODEL/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		Generator, Multiquip Whisperwatt	DCA-25SSIU4F	8
				Rubbish Bin	Roll-Off	Onsite
Sam Peck	Sup.	0	GBI			
Keoni Kaluna	Foreman	0	GBI			
Frank Collo	Operator	0	GBI			
Gary Fujii	Foreman	8	Leleiwi Elec.			
Ronald Lee	Crew	8	Leleiwi Elec.			
Ryerson Andrade	Crew	8	Leleiwi Elec.			
Bruce Burley	Foreman	8	Northwest Demo.			
Darren Miguel	Crew	8	Northwest Demo.			
Anthony Ortiz	Crew	8	Northwest Demo.			
Gary Lagapa	Crew	8	Northwest Demo.			

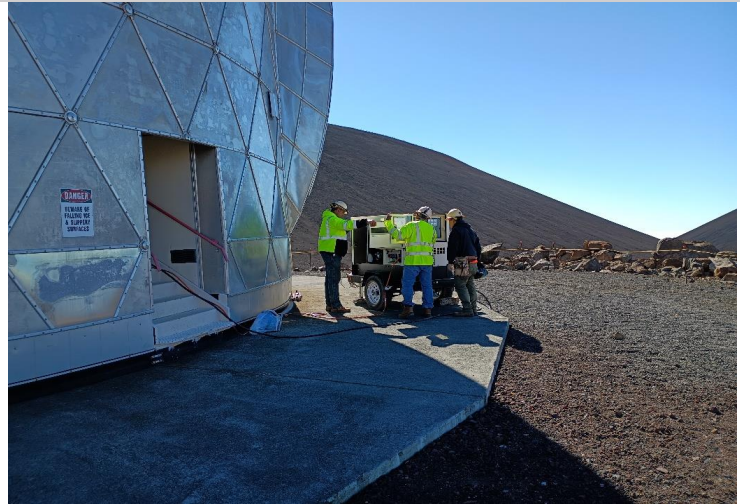
Signed by: 

Reviewed by: Shawn Gardner

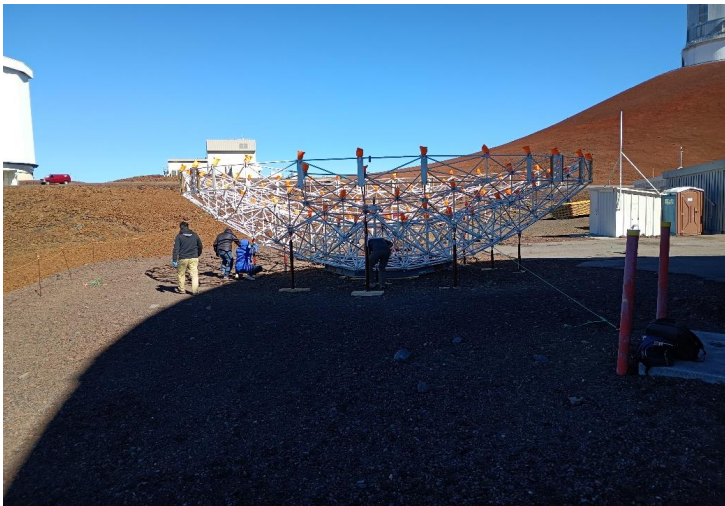
Date 9/27/2023



^ 8:47am - site view



^ 8:55am - generator connection



^ 8:55am - working on BUS disassembly



^ 12:44pm - progress in electric room



^ 12:47pm - demo progress on 3rd level



^ 3:21pm - finished for the day on the BUS



INDEPENDENT DECOMMISSIONING PROJECT MANAGER PROJECT DIARY

DATE : Thursday, September 28, 2023

WEATHER: Suitable For All Planned Work
At CSO, clear, moderate variable wind.
Temp at 8:00am 35F, later up to low 50s.

PROJECT TITLE: **Caltech Submillimeter Observatory Decommissioning**

Work Hours:

Report By: **Shawn Gardner**

Arrv: **0800**

Dep: **1610**

Monitors on Site:	Cultural - Julian Shiroma
Work Items	Location & Description of Work/Activities
Telescope removal	Bill Johnson's crew, assisted by Simon Radford with colleagues from the Shanghai Normal University, continued disassembly of the BUS.
Demolition	<p>Northwest Demolition crew continued demolition on the 3rd level of the dome structure. The foreman came down sick and was taken off the Mauna by one of his crew early AM. A second Roll-Off rubbish bin was delivered to the site.</p> <p>Jon Steen was onsite on-and-off all day. He brought a tech from D&M Hydraulics to troubleshoot the shutter system, but no solution was found. The shutter remains inoperable.</p> <p>Note: Jon parked his truck, backed in to the site entrance, at about 9am. When he left with his crew for lunch, we noticed a fresh oil spot on the pavement where the back end of his truck was. The spot, about 8-inch in diameter, and a nearby oil spot, was then cleaned up with granular oil absorbent material. Jon was told about the spots, and he found that gear in the back of his truck had overturned. He re-stowed it more securely and cleaned the back of the truck.</p>

WORK FORCE & EQUIPMENT

NAME	POS	HR	Company	EQUIPMENT	MODEL/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		Generator, Multiquip Whisperwatt	DCA-25SSIU4F	8
				Rubbish Bin x2	Roll-Off	Onsite
Sam Peck	Sup.	0	GBI			
Keoni Kaluna	Foreman	0	GBI			
Frank Collo	Operator	0	GBI			
Gary Fujii	Foreman	0	Leleiwi Elec.			
Ronald Lee	Crew	0	Leleiwi Elec.			
Ryerson Andrade	Crew	0	Leleiwi Elec.			
Bruce Burley	Foreman	0	Northwest Demo.			
Darren Miguel	Crew	8	Northwest Demo.			
Anthony Ortiz	Crew	0	Northwest Demo.			
Gary Lagapa	Crew	8	Northwest Demo.			

Signed by: 

Reviewed by: Shawn Gardner

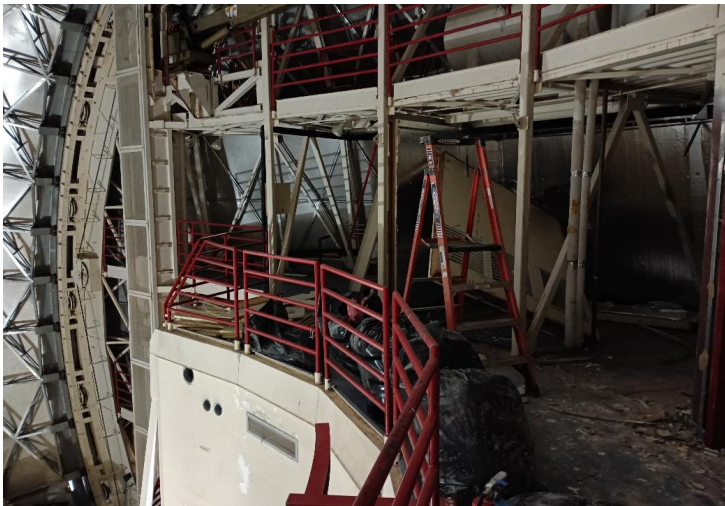
Date 9/28/2023



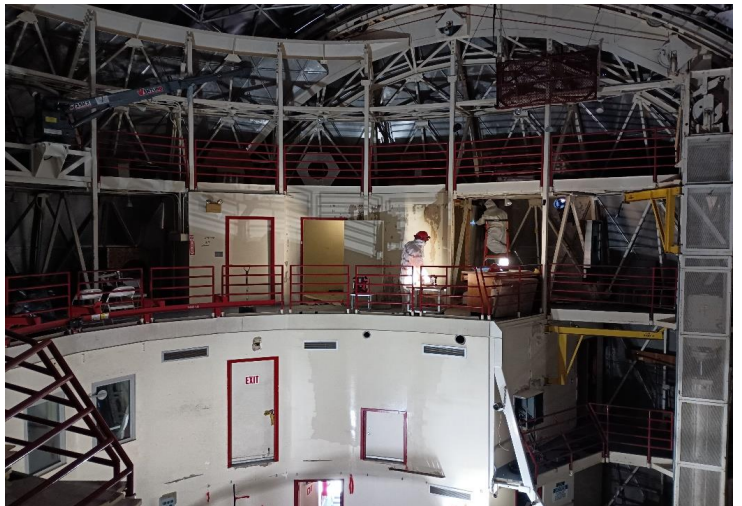
^ 8:02am - Roll-off truck arriving



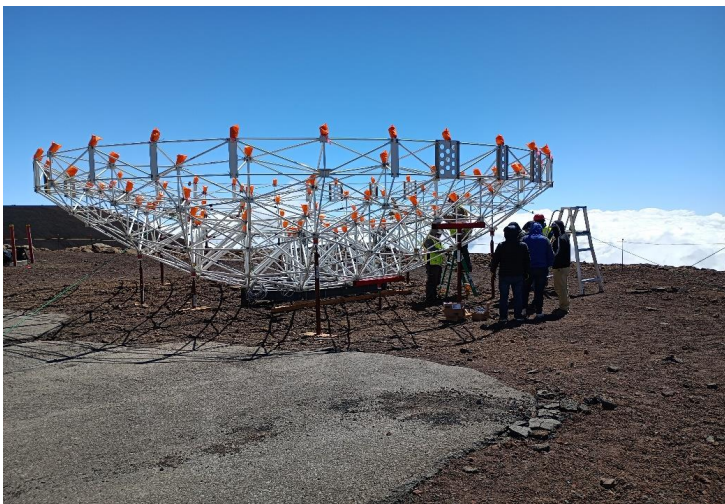
^ 8:10am - Roll-off truck departing



^ 8:45am - demo work from yesterday



^ 10:37am - demo in progress



^ 1:26pm - work on BUS disassembly



^ 2:55pm - cleaned up oil spot



INDEPENDENT DECOMMISSIONING PROJECT MANAGER PROJECT DIARY

DATE : Friday, September 29, 2023

WEATHER: Suitable For All Planned Work

At CSO, clear to partly cloudy, moderate variable wind. Temp at 8:00am 35F, later up to low 50s.

PROJECT TITLE: **Caltech Submillimeter Observatory Decommissioning**

Work Hours:

Arrv: **0730**

Dep: **1330**

Report By: **Shawn Gardner**

Monitors on Site:	Cultural - Julian Shiroma
Work Items	Location & Description of Work/Activities
Telescope removal	Bill Johnson's crew, with assistance from Simon Radford and colleagues from the Shanghai Normal University, continued disassembly of the BUS. Separated two sides and placed on dunnage on the ground.
Demolition	<p>Northwest Demolition crew continued demolition on the 3rd level of the dome structure. Before leaving, moved all the rubbish back under the 4th level walkway and covered it with plastic.</p> <p>Jon Steen was onsite all day. He brought a tech from Island Underground who toned/GPR and marked the underground utilities. All the locations were then recorded by GPS.</p> <p>Terminix came at about 10:00 and tech installed four rat bait boxes and several rat traps.</p> <p>Truck came from JCMT around the same time and picked up a transformer.</p>

WORK FORCE & EQUIPMENT

NAME	POS	HR	Company	EQUIPMENT	MODEL/TYPE	HR
Bill Johnson		8		Pasha Container	20 ft	Onsite
Rick	Crew	8		Container	40 ft	Onsite
George	Crew	8		Telehandler, JLG Skytrak	10054	4
Sayer	Crew	8		Generator, Multiquip Whisperwatt	DCA-25SSIU4F	8
				Rubbish Bin x2	Roll-Off	Onsite
Sam Peck	Sup.	0	GBI			
Keoni Kaluna	Foreman	3	GBI			
Frank Collo	Operator	3	GBI			
Gary Fujii	Foreman	0	Leleiwi Elec.			
Ronald Lee	Crew	0	Leleiwi Elec.			
Ryerson Andrade	Crew	0	Leleiwi Elec.			
Bruce Burley	Foreman	0	Northwest Demo.			
Darren Miguel	Crew	8	Northwest Demo.			
Anthony Ortiz	Crew	8	Northwest Demo.			
Gary Lagapa	Crew	8	Northwest Demo.			
Scott Collamore	GPR	3	Island Underground			

Signed by: 

Reviewed by: Shawn Gardner

Date 9/29/2023



^ 8:40am - toning utilities



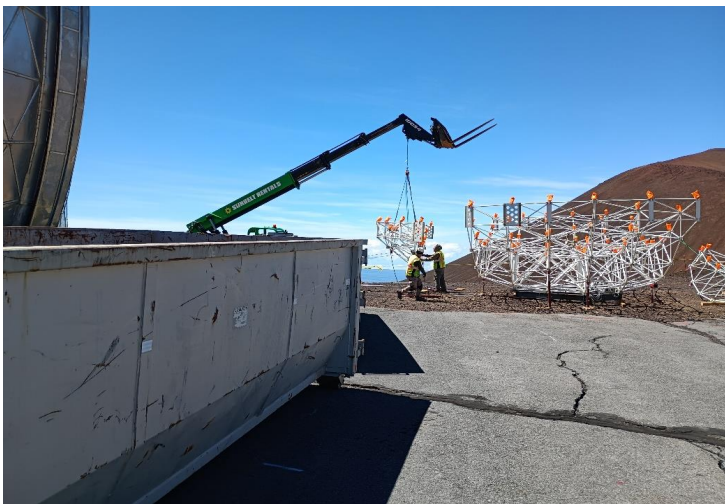
^ 9:58am - one side of BUS removed



^ 10:12am - Terminix arrived



^ 10:13am - JCMT arrived



^ 11:43am - removing 2nd side of BUS



^ 12:59pm - demo rubbish covered