EXHIBIT F

MATERIAL INSPECTION AND RECEIVING REPORT

Form Approved
OMB No. 0704-0248

The public reporting burden for this collection of information is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Executive Services and Communications Directorate (0704-0248). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE ABOVE ORGANIZATION.
SEND THIS FORM IN ACCORDANCE WITH THE INSTRUCTIONS CONTAINED IN THE DFARS, APPENDIX F-401.

1. PROCUREMENT INSTRUMENT IDENTIFICATION (CONTRACT) NO.	ORDER NO.	6. INVOICE NO./DATE	7. PAGE	OF	8. ACCEPTANCE POINT
N62306-03-C-B001		/2009JUN24E	1	11	D

2. SHIPMENT NO.	3. DATE SHIPPED	4. B/L	5. DISCOUNT TERMS
0001Z	2009JUN11	TCN	NET 30 DAYS.

9. PRIME CONTRACTOR CODE 1CV82
THE REGENTS OF UNIVERSITY OF CALIFORNIA
WILLIAM F. CLARK, OFFICE OF SPONSORED PROJECTS
1156 HIGH STREET
SANTA CRUZ, CA 95064

10. ADMINISTERED BY CODE N63374
OFFICE OF NAVAL RESEARCH
SEATTLE REGIONAL OFFICE 1107 NE
45TH STREET, SUITE 350
SEATTLE. WA 98105-4631

11. SHIPPED FROM *(If other than 9)* CODE FOB: D
"SEE BLOCK 9"

12. PAYMENT WILL BE MADE BY CODE N68566
DFAS-DAO-CL
130 WEST AVENUE SUITE A
PENSACOLA, FL 32508-5120

13. SHIPPED TO CODE 0000SS
SEE SCHEDULE

MS

14. MARKED FOR CODE

15. ITEM NO.	16. STOCK/PART NO. DESCRIPTION *(Indicate number of shipping containers - type of container - container number.)*	17. QUANTITY SHIP/REC'D*	18. UNIT	19. UNIT PRICE	20. AMOUNT
0001	SOLAR PLANET FINDING FACILITY TELESCOPE ENCLOSURE TO INCLUDE SITE PREPARATION & INSTALLATION AT LICK OBSERVATORY, MOUNT HAMILTON, CALIFORNIA. TEST AND EVALUATION RESULTS FOR ITEM NO. 0001 ARE ATTACHED.	1.00	LOT	$2,335,738	2335738

21. CONTRACT QUALITY ASSURANCE

a. ORIGIN
☐ CQA ☐ ACCEPTANCE of listed items has been made by me or under my supervision and they conform to contract, except as noted herein or on supporting documents.
DATE | SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE
TYPED NAME:
TITLE:
MAILING ADDRESS:
COMMERCIAL TELEPHONE NUMBER:

b. DESTINATION
☐ CQA ☑ ACCEPTANCE of listed items has been made by me or under my supervision and they conform to contract, except as noted herein or on supporting documents.
DATE 6/11/09 | SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE
TYPED NAME: DR. KEN JOHNSTON
TITLE: U.S. NAVY PROGRAM MANAGER
MAILING ADDRESS: U.S. NAVAL OBSERVATORY
3450 MASSACHUSETTS AVE., NW
WASHINGTON, D.C. 203932-5420
COMMERCIAL TELEPHONE NUMBER: (202) 762-1513

22. RECEIVER'S USE
Quantities shown in column 17 were received in apparent good condition except as noted.
DATE RECEIVED 6/11/09 | SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE
TYPED NAME: DR. KEN JOHNSTON
TITLE: U.S. NAVY PROGRAM MANAGER
MAILING ADDRESS: U.S. NAVAL OBSERVATORY
3450 MASSACHUSETTS AVE, NW
WASHINGTON, D.C. 203932-5420
COMMERCIAL TELEPHONE NUMBER: (202) 762-1513

** If quantity received by the Government is the same as quantity shipped, indicate by (X) mark; if different, enter actual quantity received below quantity shipped and encircle.*

23. CONTRACTOR USE ONLY

Solar Planet Finding Facility Telescope Enclosure ("APF")

Lick Observatory, Mt. Hamilton, CA

U.S. Naval Observatory Inspection and Acceptance (Destination) Test Report

Contract N62306-03-B001

June 11, 2009

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1. PURPOSE

The purpose of this plan is to demonstrate compliance with the requirements of Section E INSPECTION AND ACCEPTANCE, Solar Planet Finding Facility Telescope Enclosure Contract N62306-03-C-B001 issued by the Naval Oceanographic Office Contracts Branch on behalf of the United States Naval Observatory ("USNO) .

System under test: Solar Planet Finding Facility Telescope Enclosure ("APF Enclosure")

Test date: June 11, 2009

INSPECTION CERTIFICATION:

CONTRACTOR:	University of California, Santa Cruz ("UCSC")
Name:	Steve Vogt, PhD
Title:	Project Scientist
Signature:	Steven A. Vogt
Date:	6/11/09

GOVERNMENT:	U.S. Naval Observatory ("USNO")
Name:	Dr. Kenneth Johnston
Title:	U.S. Navy Program Manager
Signature:	K J Johnston
Date:	6/11/09

2. TEST CONDITIONS

All testing conducted at Contract destination designated as the Lick Observatory, Mt. Hamilton, California unless otherwise noted.

Tests were conducted under the environmental conditions present at the time of test and are noted below:

Tests were conducted in June 2009 on dates as indicated

ENVIRONMENTAL CONDITIONS DURING TEST :

Weather conditions at night were mild, 10°C to 18°C

Dusk temperatures were typically 15° C, and predawn temperatures were typically 10 °C.

Dome noon temperatures were typically 20 ±5 °C

Electrical power supply reliability was good.

3. INSPECTIONS & PRELIMINARY PROCEDURES

3.1 Inspection of Installed Equipment. **3.1.1 Objective:** General inspection for enclosure installation workmanship operation, and functionality prior to conduction of testing. **3.1.2 Special Equipment:** None **3.1.3 System Configuration:** Standard **3.1.4 List of Installed Items:**	Specification: #N62306-03-C-B001 TITLE Solar Planet Finder Facility Telescope Enclosure ("APF") Comments:
Operating Azimuth Drives Operating Shutter Drives Operating Vent Door Drives Software and PC/ LAN Operational Personnel Safety System Operational Air Conditioning System Operational 3rd Party Chiller Operational	Yes Yes Yes Yes Yes Yes Yes PASS / FAIL (circle one) Signed: UCSC: _____ USNO: _____

4. PERFORMANCE/FUNCTIONAL TEST PROCEDURES

4.1 TEST 1 – Software Functionality **4.1.1 Objective:** Demonstrate enclosure software meets requirements and integrates with the telescope control system. **4.1.2 Special Equipment:** EOS Application Programming Interface software. **4.1.3 System Configuration:** **4.1.4 Experiment Technique:** Demonstrate the following features of the software to the user: • User Interface • Individual Vent Door control • Windshield capability • Vent Fans software controlled **4.1.5 Discussion of Results:**	Specification: #N62306-03-C-B001 TITLE Solar Planet Finder Facility Telescope Enclosure ("APF") Test Mode: Measured Results: Yes Vent Doors controlled by windows Front/ Rear digital shutter control Cooling system window operates Comments: PASS PASS / FAIL (circle one) Signed: UCSC: _____ **USNO:** _____

4.2 TEST 2 – Azimuth Speed

4.2.1 Objective: Verify that the azimuth speed can reach 4 degrees per second.

4.2.2 Special Equipment:
A. control software
B. stopwatch

4.2.3 System Configuration:

4.2.4 Experiment Technique:
A. Position the enclosure such that a marked point on the static enclosure is 5 degrees away from a marked point on the moving structure. Move the azimuth 90 degrees at maximum speed. Start the stopwatch when the moving mark passes the static mark. Stop the stopwatch when the moving mark passes the static mark a second time.
B. Divide 90 by the stopwatch result to generate degrees per second mean for the timed move. The stopwatch must read less than 22 seconds.

4.2.5 Discussion of Results:

Specification: #N62306-03-C-B001

TITLE Solar Planet Finder Facility Telescope Enclosure ("APF")

Test Mode:

Measured Results:

Timed move: 18 seconds min.

Degrees per second: >4.5 max speed

PASS / FAIL (circle one)

Comments: PASS

Signed:

UCSC: _____

USNO: _____

4.3 TEST 3 – Shutter Closure

4.3.1 Objective: Verify that the shutter closes in less than 1 minute, and that it moves at 2 degrees per second.

4.3.2 Special Equipment:
Control software
Stopwatch.

4.3.3 System Configuration:

4.3.4 Experiment Technique:
Fully open the shutters (over the back complete opening). Close the shutters and start the stopwatch. Stop the stopwatch when the shutters seal.
The stopwatch must read less than one minute.

Mark a ten degree range of shutter movement. Open the shutter beyond both marks. Close the shutter across both marks. Use a stopwatch to time between the marks.

4.3.5 Discussion of Results:

Installed upper shutter gearbox operates with some noise. Test was done with installed gearbox as Dome was operational. Dome vendor to replace with new gearbox which is on site pending installation after telescope assembly has been completed. The shutter panels that cover the drive system are currently installed with a minimal number of fasteners to facilitate the installation of the replacement new gear box which will be scheduled to be completed in June, 2009.

Specification: #N62306-03-C-B001

TITLE Solar Planet Finder Facility Telescope Enclosure ("APF")

Test Mode:

Measured Results:

60 seconds to close. 1.7 degrees per second speed used to avoid following error. Max speed is 1.92 degrees per second.

Comments: Specification was for 2 degrees per second average velocity. Tests were done with less than ideal shutter chain tension. With some tuning we expect that we will exceed the specification. If the rate remains at 1.92 degrees per second the observatory efficiency will not be impacted.

PASS / FAIL (circle one)

Signed:

UCSC: AAU

USNO: KJ

4.4 TEST 4– Azimuth Range	Specification: #N62306-03-C-B001 TITLE Solar Planet Finder Facility Telescope Enclosure ("APF")
4.4.1 Objective: Demonstrate the ability of the enclosure to track over a range of 430 degrees in azimuth.	
4.4.2 Special Equipment: Control software for measuring azimuth position and for manual movements.	Test Mode:
4.4.3 System Configuration: External azimuth control input.	Measured Results:
4.4.4 Experiment Technique: Drive the enclosure to one cable chain limit switch. Do not trip the switch – stay in normal operating range. Record the azimuth position with marks on the L1 floor. Drive the enclosure to its opposite limit switch, but do not trip the switch. Record the azimuth position. Calculate the range of motion covered.	One revolution plus another 90 degrees between cable chain limit switches, equals 450 degrees range. Comments: PASS
4.4.5 Discussion of Results:	PASS / FAIL (circle one) Signed: UCSC: AAU **USNO**: KJ2

4.5 TEST 6 – Enclosure Environmental Requirements	Specification: #N62306-03-C-B001 TITLE Solar Planet Finder Facility Telescope Enclosure ("APF")
4.5.1 Objective: Verify enclosure protects the telescope from the elements and provides a dry environment at the maximum values as listed in Enclosure Performance Specifications table.	
4.5.2 Special Equipment: NONE	Test Mode:
4.5.3 System Configuration: Closed shutters and vent doors	Measured Results:
4.5.4 Experiment Technique: Visual inspection of Enclosure under environmental conditions present at the time. Completed Enclosure has been monitored for weather resistance during varied conditions for the period Winter 2007 through present.	
4.5.5 Discussion of Results: Leaks were discovered during the winter 2007-2008 and were mitigated by repairs completed by the Enclosure vendor. Any subsequent leaks or weather issues that might develop during the warranty period will be repaired by Enclosure vendor and / or Contractor (UCSC). Limiting survival conditions were analysed by the Dome contractor and proven with Finite Element Analysis. The complete Design Analysis Report is present in EOS document CI No. DN-07753-01. The report concludes that the dome will meet or exceed all survival requirements.	Comments: PASS / FAIL (circle one) Signed: UCSC: _____ USNO: _____