

M1300164 3rd IFO Long Term Storage Acceptance and Punchlist – SUS

TITLE	3rd IFO Long Term Storage Acceptance and Punchlist							
DATE	1st April 2015							
SUB SYSTEM	SUS							
RESP PERSON(s)	Betsy Weaver		Norna Robertson					
RELEVANT DOCS								
ACCEPTANCE								
ITEM NUMBER	ITEM	DEFINITION	COMMENTS	DCC NUMBERS / ICS LINK	STATUS (NOTES)	SIGNED OFF 3rd IFO	DATE	
1	STORAGE PLAN REVIEW	Long Term Storage Requirements and Procedures are up to date.	For grouping of all Subsystem Storage Requirements Documents updated (see E1300001)	SUS Storage plan is LIGO-T1200527	DONE	Norna Robertson		
2	BOM REVIEW	Types and quantities of parts/assemblies/spares/tooling to be received by LTS are clearly understood.	Coordinate with LTS lead	D1500108	DONE	Jodi Fauver	Dec 19th 2015	
3	CROSS CHECK	All Hardware (parts/assemblies/spares/tooling) checked into LAM. All in-vacuum parts have correct ICS information.	LAM=Long-Term Storage Asset Management (aka barcode system)	D1500108 T1500107	DONE	Jodi Fauver	Dec 19th 2015	
4	BOM RECEIVED	All assemblies/spares listed in BOM have been delivered to LTS custody. LTS lead has physical or virtual control of assemblies/spares.	Virtual custody means that any hardware still in use is checked into LAM/ICS for 3IFO but is checked out to responsible owner.	T1500107	DONE	Jodi Fauver	Dec 19th 2015	
5	STORAGE VERIFICATION	Verification that Hardware is stored according to aLIGO and relevant subsystem LTS plans.		Refer to T1500107		Jodi Fauver		
PUNCHLIST								
ITEM NUMBER	DESCRIPTION	STATUS	VENDOR	RESP PERSON @ LHO	BUYER	DUE DATE	ADDITIONAL NOTES	
1	Out for machine QTY 1 D1300956	Wire shielding baffle for 3IFO, and then 2 for spare, will separate SUS/OPS	Shop Paid	Betsy	Betsy	4/3/2015		
ITEMS STORED WITH NOTES/DEFECT								

M1300164 3rd IFO Long Term Storage Acceptance and Punchlist – IAS

DATE	3rd IFO Long Term Storage Acceptance and Punchlist						
DATE	1st April 2015						
SUB SYSTEM	IAS						
RESP PERSON(s)	Doug Cook						
RELEVANT DOCS							
ACCEPTANCE							
ITEM NUMBER	ITEM	DEFINITION	COMMENTS	DCC NUMBERS	STATUS (NOTES)	SIGNED OFF 3rd IFO	DATE
1	STORAGE PLAN REVIEW	Long Term Storage Requirements and Procedures are up to date.	For grouping of all Subsystem Storage Requirements Documents updated (see E1300001)	T1300011	DONE	Jodi Fauver	Dec 19th 2015
2	BOM REVIEW	Types and quantities of parts/assemblies/spares/tooling to be received by LTS are clearly understood. 1 ea of items on E1500160 and E1500162	Coordinate with LTS lead	E1200485 AOS IAS - Initial Alignment Document Tree (Index) E1500160 IAS Alignment List of Irises for PR3 and SR3 E1500162 IAS Alignment List of Targets used for SUS components			
3	CROSS CHECK	All Hardware (parts/assemblies/spares/tooling) checked into LAM. All in-vacuum parts have correct ICS information.	LAM=Long-Term Storage Asset Management (aka barcode system)	T1500137	DONE		
4	BOM RECEIVED	All assemblies/spares listed in BOM have been delivered to LTS custody. LTS lead has physical or virtual control of assemblies/spares.	Virtual custody means that any hardware still in use is checked into LAM/ICS for 3IFO but is checked out to responsible owner.	Refer to T1500137 E1200485 AOS IAS - Initial Alignment Document Tree (Index) E1500160 IAS Alignment List of Irises for PR3 and SR3 E1500162 IAS Alignment List of Targets used for SUS components	DONE		
5	STORAGE VERIFICATION	Verification that Hardware is stored according to aLIGO and relevant subsystem LTS plans.		T1500087 optisigma orders for 3IFO components T1500132			
PUNCHLIST							
ITEM NUMBER	DESCRIPTION	STATUS	VENDOR	RESP PERSON @ LHO	BUYER	DUE DATE	ADDITIONAL NOTES

M1300164 3rd IFO Long Term Storage Acceptance and Punchlist – OpLev

TITLE	3rd IFO Long Term Storage Acceptance and Punchlist						
DATE	1st April 2015						
SUB SYSTEM	Op Lev						
RESP PERSON(s)	Doug Cook / Eric Gustafson						
RELEVANT DOCS							
ACCEPTANCE							
ITEM NUMBER	ITEM	DEFINITION	COMMENTS	DCC NUMBERS / ICS LINK	STATUS (NOTES)	SIGNED OFF 3rd IFO	DATE
1	STORAGE PLAN REVIEW	Long Term Storage Requirements and Procedures are up to date.	For grouping of all Subsystem Storage Requirements Documents updated (see E1300001)	Op Lev Storage plan LIGO-T1200558	DONE	Jodi Fauver	30th Oct 2014
2	BOM REVIEW	Types and quantities of parts/assemblies/spares/tooling to be received by LTS are clearly understood.	Coordinate with LTS lead	T1500081	DONE	Jodi Fauver	20th June 2014
3	CROSS CHECK	All Hardware (parts/assemblies/spares/tooling) checked into LAM. All in-vacuum parts have correct ICS information.	LAM=Long-Term Storage Asset Management (aka barcode system)	T1500081 T1500108	DONE	Jodi Fauver	20th June 2014
4	BOM RECEIVED	All assemblies/spares listed in BOM have been delivered to LTS custody. LTS lead has physical or virtual control of assemblies/spares.	Virtual custody means that any hardware still in use is checked into LAM/ICS for 3IFO but is checked out to responsible owner.	T1500108	DONE	Jodi Fauver	20th June 2014
5	STORAGE VERIFICATION	Verification that Hardware is stored according to aLIGO and relevant subsystem LTS plans.		Refer to T1500108	DONE	Jodi Fauver	18th Dec 2014
PUNCHLIST							
ITEM NUMBER	DESCRIPTION	STATUS	VENDOR	RESP PERSON @ LHO	BUYER	DUE DATE	ADDITIONAL NOTES
1	PCB Carrier (Made from Sigma-SGx33-M6)	minor modifications needed. Will be stored with defect record.	Brockmans-machine-shop	Doug	Doug	received - left on until inventory into 3rd IFO complete	4 ea
2	Giraffe-Clamp-Plate	Ordered	Brockmans-machine-shop	Doug-has-ordered	Doug/Jodi	received - left on until inventory into 3rd IFO complete	8 ea
3	3"-Optical-Post	Ordered	Brockmans-machine-shop	Doug	Doug	received - left on until inventory into 3rd IFO complete	4 ea
4	Custom Laser Cable (11ea) with power supply	File ordering/assembling 11 for 3IFO – complet	LHO	Doug-and-Fil	Filiberto	received - left on until inventory into 3rd IFO complete	11 ea

M1300164 3rd IFO Long Term Storage Acceptance and Punchlist – PCal

TITLE	3rd IFO Long Term Storage Acceptance and Punchlist						
DATE	1st April 2015						
SUB SYSTEM	PCal						
RESP PERSON(s)	Rick						
RELEVANT DOCS							
ACCEPTANCE							
ITEM NUMBER	ITEM	DEFINITION	COMMENTS	DCC NUMBERS / ICS LINK	STATUS (NOTES)	SIGNED OFF 3rd IFO	DATE
1	STORAGE PLAN REVIEW	Long Term Storage Requirements and Procedures are up to date.	For grouping of all Subsystem Storage Requirements Documents updated (see E1300001)	LIGO-T1300012: Photon Calibrator (PhCal) Long Term Storage for the 3rd aLIGO Interferometer	DONE	Gary Davis	30th Oct 2014
2	BOM REVIEW	Types and quantities of parts/assemblies/spares/tooling to be received by LTS are clearly understood.	Coordinate with LTS lead	T1400295	DONE	Jodi Fauver, Gary Davis	20th June 2014
3	CROSS CHECK	All Hardware (parts/assemblies/spares/tooling) checked into LAM. All in-vacuum parts have correct ICS information.	LAM=Long-Term Storage Asset Management (aka barcode system)	T1400295 T1500109		Gary Davis	
4	BOM RECEIVED	All assemblies/spares listed in BOM have been delivered to LTS custody. LTS lead has physical or virtual control of assemblies/spares.	Virtual custody means that any hardware still in use is checked into LAM/ICS for 3IFO but is checked out to responsible owner.	T1400295 T1500109	DONE	Jodi Fauver, Gary Davis	20th June 2014
5	STORAGE VERIFICATION	Verification that Hardware is stored according to aLIGO and relevant subsystem LTS plans.		T1400295		Gary Davis	
PUNCHLIST							
ITEM NUMBER	DESCRIPTION	STATUS	VENDOR	RESP PERSON @ LHO	BUYER	DUE DATE	ADDITIONAL NOTES
ITEMS STORED WITH NOTES/DEFECT							
1	Put Viewport "MickeyMouse" targets back into 3rd ifo storage (change to check out from LAM)			Jodi		4/1/2015	Make sure this is on the check out list-Jodi
2	Assemble ITM camera housings, box, and deliver for storage		RDL and Magic Metals	Rick or Nutsinee		5/1/2015	
3	Add ETM camera upgrade hardware (tamarin lenses, spacers and hardware) into the 3rd. ifo storage		B&H camera	Rick or Nutsinee		4/15/2015	RS Done
4	Add two AOMs to Tx module inventory in case existing ones are damaged by too much RF power.			Rick			RS Done
5	Add two BNC to DB-9 electronics modules to inventory (awaiting delivery from Ben Abbott)		CIT Ben Abbott	Rick (from Ben)		4/15/2015	
6	Add heat sink personnel protectors to inventory		Magic Metals	Rick (with help from JoeG)		4/5/2015	
7	Add two viewports to inventory when they arrive (after March 31).		MDL	Rick		5/15/2015	
8	Add two AOM polarizer hardware "kits" to 3rd. ifo storage			Rick		4/15/2015	RS Done

M1300164 3rd IFO Long Term Storage Acceptance and Punchlist – SLC

TITLE	3rd IFO Long Term Storage Acceptance and Punchlist						
DATE	1st April 2015						
SUB SYSTEM	SLC						
RESP PERSON(s)	Mitch Robinson						
RELEVANT DOCS							
ACCEPTANCE							
ITEM NUMBER	ITEM	DEFINITION	COMMENTS	DCC NUMBERS	STATUS (N	SIGNED OFF 3rd IFO	DATE
1	STORAGE PLAN REVIEW	Long Term Storage Requirements and Procedures are up to date.	For grouping of all Subsystem Storage Requirements Documents updated (see E1300001)	T1300006	DONE	Jodi Fauver	
2	BOM REVIEW	Types and quantities of parts/assemblies/spares/tooling to be received by LTS are clearly understood.	Coordinate with LTS lead	T1500112	DONE	Jodi Fauver	20th June 2014
3	CROSS CHECK	All Hardware (parts/assemblies/spares/tooling) checked into LAM. All in-vacuum parts have correct ICS information.	LAM=Long-Term Storage Asset Management (aka barcode system)	T1500106	DONE	Jodi Fauver	20th June 2014
4	BOM RECEIVED	All assemblies/spares listed in BOM have been delivered to LTS custody. LTS lead has physical or virtual control of assemblies/spares.	Virtual custody means that any hardware still in use is checked into LAM/ICS for 3IFO but is checked out to responsible owner.	T1500106	DONE	Jodi Fauver	20th June 2014
5	STORAGE VERIFICATION	Verification that Hardware is stored according to aLIGO and relevant subsystem LTS plans.		T1500106	DONE	Jodi Fauver	18th Dec 2014
PUNCHLIST							
ITEM NUMBER	DESCRIPTION	STATUS	VENDOR	RESP PERSON @ LHO	BUYER	DUE DATE	ADDITIONAL NOTES
1	5 Machine parts on order	Parts on order	RDL, TK, Cannon (all paid)	Mitchell, Betsy	Betsy	3/27/15 - 4/15/15	
ITEMS STORED WITH NOTES/DEFECTS							
1	Arm Cavity Baffle aka The W	Stored at LHO with rust					This is stored as a defect record.
2	Mouse hole covers (2 of each of the 4 types: D1201160, D1201163, D1201164, D1201165)	Material ship to CIT	CIT	Mitch / (Calum)			Material for mouse hole covers is stored. Machining and subsequent oxidation is required. This is stored as a defect record. Jodi to send oxidized material to Calum.

M1300164 3rd IFO Long Term Storage Acceptance and Punchlist – TCS

TITLE	3rd IFO Long Term Storage Acceptance and Punchlist							
DATE	1st April 2015							
SUB SYSTEM	TCS							
RESP PERSON(s)	Aidan Brooks							
RELEVANT DOCS								
ACCEPTANCE								
ITEM NUMBER	ITEM	DEFINITION	COMMENTS	DCC NUMBERS / ICS	STATUS (NOTES)	SIGNED OFF 3	DATE	
1	STORAGE PLAN REVIEW	Long Term Storage Requirements and Procedures are up to date.	For grouping of all Subsystem Storage Requirements Documents updated (see E1300001)	*TCS LTS plan* T1300003		Jodi		
2	BOM REVIEW	Types and quantities of parts/assemblies/spares/tooling to be received by LTS are clearly understood.	Coordinate with LTS lead	RH BOM: E1500060 HWS BOM: E1500058 CO2 BOM: E1500059		Jodi		
3	CROSS CHECK	All Hardware (parts/assemblies/spares/tooling) checked into LAM. All in-vacuum parts have correct ICS information.	LAM=Long-Term Storage Asset Management (aka barcode system)	TCS HWS T1500111				
4	BOM RECEIVED	All assemblies/spares listed in BOM have been delivered to LTS custody. LTS lead has physical or virtual control of assemblies/spares.	Virtual custody means that any hardware still in use is checked into LAM/ICS for 3IFO but is checked out to responsible owner.	N/A				
5	STORAGE VERIFICATION	Verification that Hardware is stored according to aLIGO and relevant subsystem LTS plans.		N/A	Jodi?			
PUNCHLIST								
ITEM NUMBER	DESCRIPTION	STATUS	VENDOR	RESP PERSON @ LHO	BUYER	DUE DATE	ADDITIONAL NOTES	
ITEMS STORED WITH NOTES/DEFECTS								
STORED AT CIT	DCBS for HWS	Ordered placed last week of Feb	Precision Photonics	Greg Grabeel	Dennis Coyne	3/23/2015	Arrived at CIT 26-Mar	UPS tracking: 1Z406YV20399709502
STORED AT CIT	Laser controller chassis	At CIT waiting for replacement front panel	LIGO	Greg Grabeel	Aidan Brooks	3/25/2015	Waiting for front panel to arrive to ship to LHO	
STORED AT CIT	HWS plate RTD sensors	Need to be shipped to LHO	LIGO	Greg Grabeel	Aidan Brooks	3/25/2015	Waiting to be shipped to LHO	
STORED AT CIT	CO2 Photodiodes	Need to be shipped to LHO			Alastair	3/25/2015	Waiting to be shipped to LHO	Richard is checking this
NOTED	HWS in-vacuum hardware (screws/washers)	stored, not cleaned	UC Components	Greg Grabeel	Aidan Brooks		TCS HWS 3IFO Box 13	
NOTED	RH in-vacuum hardware	stored, not cleaned					TCS RH 3IFO Box 2 (20-24 AWG gold pins, C-812, FA-404)	
NOTED	HWS Assy parts	D1000658-v2. HWS Clamp. To be shipped	LIGO	Greg Grabeel	Aidan Brooks		Shipping 1x -v2, 1x -v3, functional but lacking ergonomic changes that -v5 has	
NOTED		D1000708-v2 - HWS spacer. To be shipped	LIGO	Greg Grabeel	Aidan Brooks		Shipping 1x -v2, 1x -v3, functional but lacking ergonomic changes that -v7 has	
NOTED	Laser controller chassis needs front panel replaced							
NOTED	Photodiodes need assembly							

M1300164 3rd IFO Long Term Storage Acceptance and Punchlist – TMS

TITLE	3rd IFO Long Term Storage Acceptance and Punchlist							
DATE	1st April 2015							
SUB SYSTEM	TMS							
RESP PERSON(s)	Jodi / (Calum)							
RELEVANT DOCS								
ACCEPTANCE								
ITEM NUMBER	ITEM	DEFINITION	COMMENTS	DCC NUMBERS / ICS	STATUS (NOTES)	SIGNED OFF 3rd IFO	DATE	
1	STORAGE PLAN REVIEW	Long Term Storage Requirements and Procedures are up to date.	For grouping of all Subsystem Storage Requirements Documents updated (see E1300001)	LIGO-T1300007: Transmission Monitor Suspension (TMS) Long Term Storage (LTS) for the 3rd IFO and LIGO LTS	DONE	Calum Torrie		
2	BOM REVIEW	Types and quantities of parts/assemblies/spares/tooling to be received by LTS are clearly understood.	Coordinate with LTS lead	G1300422 Pg 33	DONE	Jodi Fauver	20th June 2014	
3	CROSS CHECK	All Hardware (parts/assemblies/spares/tooling) checked into LAM. All in-vacuum parts have correct ICS information.	LAM=Long-Term Storage Asset Management (aka barcode system)	T1500103-v1	DONE	Jodi Fauver	18th March 2015	
4	BOM RECEIVED	All assemblies/spares listed in BOM have been delivered to LTS custody. LTS lead has physical or virtual control of assemblies/spares.	Virtual custody means that any hardware still in use is checked into LAM/ICS for 3IFO but is checked out to responsible owner.	T1500103-v1	DONE	Jodi Fauver	20th June 2014	
5	STORAGE VERIFICATION	Verification that Hardware is stored according to aLIGO and relevant subsystem LTS plans.		See Doc T1500103	DONE	Jodi Fauver	18th Dec 2014	
PUNCHLIST								
ITEM NUMBER	DESCRIPTION	STATUS	VENDOR	RESP PERSON @ LHO	BUYER	DUE DATE	ADDITIONAL NOTES	

M1300164 3rd IFO Long Term Storage Acceptance and Punchlist – Viewports

TITLE	3rd IFO Long Term Storage Acceptance and Punchlist						
DATE	1st April 2015						
SUB SYSTEM	VIEWPORTS						
RESP PERSON(s)	Joe						
RELEVANT DOCS							
ACCEPTANCE							
ITEM NUMBER	ITEM	DEFINITION	COMMENTS	DCC NUMBERS / ICS	STATUS (NOTES)	SIGNED OFF 3rd IFO	DATE
1	STORAGE PLAN REVIEW	Long Term Storage Requirements and Procedures are up to date.	For grouping of all Subsystem Storage Requirements Documents updated (see E1300001)	E1400073	DONE	Calum Torrie	10/28/2014
2	BOM REVIEW	Types and quantities of parts/assemblies/spares/tooling to be received by LTS are clearly understood.	Coordinate with LTS lead	https://dcc.ligo.org/T1500105-v1 . Also refer to ICS storage loads Storage Loads 7737, 7738, 7741, 7750.	DONE	Jodi Fauver	18th Dec 2014
3	CROSS CHECK	All Hardware (parts/assemblies/spares/tooling) checked into LAM. All in-vacuum parts have correct ICS information.	LAM=Long-Term Storage Asset Management (aka barcode system)	T1500135	DONE	Jodi Fauver	18th Dec 2014
4	BOM RECEIVED	All assemblies/spares listed in BOM have been delivered to LTS custody. LTS lead has physical or virtual control of assemblies/spares.	Virtual custody means that any hardware still in use is checked into LAM/ICS for 3IFO but is checked out to responsible owner.	T1500135	DONE	Jodi Fauver	18th Dec 2014
5	STORAGE VERIFICATION	Verification that Hardware is stored according to aLIGO and relevant subsystem LTS plans.		Refer to T1500135	DONE	Jodi Fauver	18th Dec 2014
PUNCHLIST							
ITEM NUMBER	DESCRIPTION	STATUS	VENDOR	RESP PERSON @ LHO	BUYER	DUE DATE	ADDITIONAL NOTES
1	9722012, 7.8" commercial VP	on order, qty 15	MDC	Joe	Calum	4/20/2015	Will begin processing upon arrival.
2	G-3120-A, 5/16 X 1.25 vented Ag-plated SHGS	ordered, qty 100	UGG	Joe	Gary	Rev'd 4/1/2015	Left in for transfer to 3rd IFO
3	G-1628-A, 3/8-16 X 1.75 vented SHGS	ordered, qty 100	UGG	Joe	Gary	Rev'd 4/1/2015	Left in for transfer to 3rd IFO
4	G-3114-A, 5/16-24 X-.875 vented Ag-plated SHGS	ordered, qty24	UGG	Joe	Gary	Rev'd 4/1/2015	Left in for transfer to 3rd IFO

M1300164 3rd IFO Long Term Storage Acceptance and Punchlist – COC

TITLE	3rd IFO Long Term Storage Acceptance and Punchlist						
DATE	1st April 2015						
SUB SYSTEM	COC						
RESP PERSON(s)	Jodi / (GariLynn)						
RELEVANT DOCS							
ACCEPTANCE							
ITEM NUMBER	ITEM	DEFINITION	COMMENTS	DCC NUMBERS / ICS	STATUS (NOTES)	SIGNED OFF 3rd IFO	DATE
1	STORAGE PLAN REVIEW	Long Term Storage Requirements and Procedures are up to date.	For grouping of all Subsystem Storage Requirements Documents updated (see E1300001)	T1300016	DONE	GariLynn Billingsley	
2	BOM REVIEW	Types and quantities of parts/assemblies/spares/tooling to be received by LTS are clearly understood.	Coordinate with LTS lead	T1500104	DONE	Jodi Fauver	18th Dec 2014
3	CROSS CHECK	All Hardware (parts/assemblies/spares/tooling) checked into LAM. All in-vacuum parts have correct ICS information.	LAM=Long-Term Storage Asset Management (aka barcode system)	T1500110			
4	BOM RECEIVED	All assemblies/spares listed in BOM have been delivered to LTS custody. LTS lead has physical or virtual control of assemblies/spares.	Virtual custody means that any hardware still in use is checked into LAM/ICS for 3IFO but is checked out to responsible owner.	T1500110			
5	STORAGE VERIFICATION	Verification that Hardware is stored according to aLIGO and relevant subsystem LTS plans.		Refer to 1500110	Off-site storage at Caltech	Jodi Fauver	
PUNCHLIST							
ITEM NUMBER	DESCRIPTION	STATUS	VENDOR	RESP PERSON @ LHO	BUYER	DUE DATE	ADDITIONAL NOTES

M1300164 3rd IFO Long Term Storage Acceptance and Punchlist – DAQ

TITLE	3rd IFO Long Term Storage Acceptance and Punchlist						
DATE	1st April 2015						
SUB SYSTEM	DAQ						
RESP PERSON(s)	Jodi / (Rolf)						
RELEVANT DOCS							
ACCEPTANCE							
ITEM NUMBER	ITEM	DEFINITION	COMMENTS	DCC NUMBERS / ICS	STATUS (NOTES)	SIGNED OFF 3rd IFO	DATE
1	STORAGE PLAN REVIEW	Long Term Storage Requirements and Procedures are up to date.	For grouping of all Subsystem Storage Requirements Documents updated (see E1300001)	LIGO-T1300002	DONE	Jodi Fauver	5/1/2014
2	BOM REVIEW	Types and quantities of parts/assemblies/spares/tooling to be received by LTS are clearly understood.	Coordinate with LTS lead	LIGO-T1300835	DONE	Jodi Fauver	5/2/2014
3	CROSS CHECK	All Hardware (parts/assemblies/spares/tooling) checked into LAM. All in-vacuum parts have correct ICS information.	LAM=Long-Term Storage Asset Management (aka barcode system)	LIGO-M1300493	DONE	Jodi Fauver	5/3/2014
4	BOM RECEIVED	All assemblies/spares listed in BOM have been delivered to LTS custody. LTS lead has physical or virtual control of assemblies/spares.	Virtual custody means that any hardware still in use is checked into LAM/ICS for 3IFO but is checked out to responsible owner.	Refer to M1300493 (5 items in virtual custody)	DONE	Jodi Fauver	5/4/2014
5	STORAGE VERIFICATION	Verification that Hardware is stored according to aLIGO and relevant subsystem LTS plans.		Covered in plastic with desiccant and HIC; pix may be viewed on M1300493	TO DO	Jodi Fauver	5/5/2014
PUNCHLIST							
ITEM NUMBER	DESCRIPTION	STATUS	VENDOR	RESP PERSON @ LHO	BUYER	DUE DATE	ADDITIONAL NOTES
1	Place LAM tag on black Master Timing Fanout unit	This will be completed on Ops. (part of LTS.)		JF			ASAP
2	Redo bags and desiccant	This will be completed on Ops. (part of LTS.)		JF			(171212-303-403-404-504)
3	SEI Chasis checked out by Ops for use	Currently stored at CIT, LHO and LLO. Serial numbers have been provided and this items stays in as reminder of these items have been checked out.		Filliberto at LHO. Ben at CIT and Carl at LLO. Serial numbers are with Jodi and will be recorded in LAM system.			ASAP Order more bags

M1300164 3rd IFO Long Term Storage Acceptance and Punchlist – INS/FMP

TITLE	3rd IFO Long Term Storage Acceptance and Punchlist						
DATE	1st April 2015						
SUB SYSTEM	FMP						
RESP PERSON(s)	Travis / Calum						
RELEVANT DOCS							
ACCEPTANCE							
ITEM NUMBER	ITEM	DEFINITION	COMMENTS	DCC NUMBERS / ICS	STATUS (NOTES)	SIGNED OFF 3rd IFO	DATE
1	STORAGE PLAN REVIEW	Long Term Storage Requirements and Procedures are up to date.	For grouping of all Subsystem Storage Requirements Documents updated (see E1300001)	T1300010	DONE	John Worden	
2	BOM REVIEW	Types and quantities of parts/assemblies/spares/tooling to be received by LTS are clearly understood.	Coordinate with LTS lead	T1200222 T1300010	DONE	Jodi Fauver	18th Dec 2014
3	CROSS CHECK	All Hardware (parts/assemblies/spares/tooling) checked into LAM. All in-vacuum parts have correct ICS information.	LAM=Long-Term Storage Asset Management (aka barcode system)	T1500128	DONE	Jodi Fauver	18th Dec 2014
4	BOM RECEIVED	All assemblies/spares listed in BOM have been delivered to LTS custody. LTS lead has physical or virtual control of assemblies/spares.	Virtual custody means that any hardware still in use is checked into LAM/ICS for 3IFO but is checked out to responsible owner.	Refer to T1500128	DONE	Jodi Fauver	18th Dec 2014
5	STORAGE VERIFICATION	Verification that Hardware is stored according to aLIGO and relevant subsystem LTS plans.		Refer to T1500128	DONE	Jodi Fauver	18th Dec 2014
							Not sure how this can be considered done?
PUNCHLIST							
ITEM NUMBER	DESCRIPTION	STATUS	VENDOR	RESP PERSON @ LHO	BUYER	DUE DATE	ADDITIONAL NOTES
ITEMS STORED WITH NOTES/DEFECTS							
1	1 HAM lift D1001664	Being stored at LLO.		Jodi to tag when at LLO			
OPSP RELATED							
1	N2 Purge	All SEI and SUS storage containers need to be checked for gas supply & Communication from N2 purge to control room		Bubba			
2	BSC5 -Move to final location in LVEA	The soonest this will happen is 07 April 2015. (repeat from SEI list)		Bubba, Jodi			
3	HAM Passive Stack	Needs to be moved to final location (repeat from sei list.)		Hugh, Jodi			
4	HEPI (off-site)	Need to move HEPI from off-site to LHO location.		Jodi			
5	Dessicant cabinet	Needs to be moved to LVEA (and hooked to Nitrogen purge)		Jodi, Jeff			
6	H2 HEPI	Needs to be deinstalled		Jodi			
7	HEPI Actuators	Flush/cycle on Regular basis		Jodi			
8	Clean and Bake	Various		Jodi			
9	Audit conditions and quantities	As outlined in the general storage plan		Jodi			
10	Electronics racks	Need to be bagged, tagged, have desiccant and humidity indicator cards added.					

M1300164 3rd IFO Long Term Storage Acceptance and Punchlist – IO

TITLE	3rd IFO Long Term Storage Acceptance and Punchlist						
DATE	1st April 2015						
SUB SYSTEM	IO						
RESP PERSON(s)	Matt H						
RELEVANT DOC	T1200567 & T1500097 & T1500117						
ACCEPTANCE							
ITEM NUMBER	ITEM	DEFINITION	COMMENTS	DCC NUMBERS / ICS	STATUS (NOTES)	SIGNED OFF 3rd IFO	DATE
1	STORAGE PLAN REVIEW	Long Term Storage Requirements and Procedures are up to date.	For grouping of all Subsystem Storage Requirements Documents updated (see E1300001)	T1200567			
2	BOM REVIEW	Types and quantities of parts/assemblies/spares/tooling to be received by LTS are clearly understood.	Coordinate with LTS lead	T1500097			
3	CROSS CHECK	All Hardware (parts/assemblies/spares/tooling) checked into LAM. All in-vacuum parts have correct ICS information.	LAM=Long-Term Storage Asset Management (aka barcode system)	Doing ICS (Storage load 7739) where can but inventory can be found in T1500097 main document spreadsheet (not S/N's though of parts) T1500124		Jodi to confirm	
4	BOM RECEIVED	All assemblies/spares listed in BOM have been delivered to LTS custody. LTS lead has physical or virtual control of assemblies/spares.	Virtual custody means that any hardware still in use is checked into LAM/ICS for 3IFO but is checked out to responsible owner.	T1500124		Jodi to confirm	
5	STORAGE VERIFICATION	Verification that Hardware is stored according to aLIGO and relevant subsystem LTS plans.				Jodi to confirm	
PUNCHLIST							
ITEM NUMBER	DESCRIPTION	STATUS	VENDOR	RESP PERSON @ LHO	BUYER	DUE DATE	ADDITIONAL NOTES
1	13 different types of machined parts (of varying quantities)	Ordered and being machined. OPS to C&B and then be stored away (see T1500097 3rd IFO order tracking for storage locations)	TK, Cannon, RDL	Betsy/Jodi if arrives after Matt leaves	Betsy	4/15/2015	T1500097
2	RF Photodiode	ordered.	Newport	Jodi (if arrives after Matt gone)	Jodi/Gary	5/4/2015	T1500097
3	1" lens for ISS array (E1200433 type 1)	Matt to ship to LHO once he is back at LLO as should be two still stored away/hidden (one for LLO one for 3rd IFO)		Jodi		~April 6 2015	T1500097
4	PZT	PZT ordered	Physik Instrumente	Jodi (if arrives after Matt gone)	Jodi/Gary	4-5 weeks (from Mar 13) so approx 4/20/2015	T1500097
5	PZT Controller	Jodi checked out & sent for calibration 3/25 - Jodi trying to stop	PI	Jodi		April 2nd 2015.	It is headed back.
ITEMS STORED WITH NOTES/DEFECT							
1	Optic holder press fit magnets	Arrived and with Jodi. OPS to C&B and then be stored away (see T1500097 for storage location)	UF	Jodi	Guido/Giacomo	Mid April 2015	T1500097
2	Items not supplied by UF that are to be obtained by India	See list on T1500097 (really should have been on M1300534)					T1500097

M1300164 3rd IFO Long Term Storage Acceptance and Punchlist – ISC

TITLE	3rd IFO Long Term Storage Acceptance and Punchlist						
DATE	1st April 2015						
SUB SYSTEM	ISC						
RESP PERSON(s)	Corey						
RELEVANT DOCS							
ACCEPTANCE							
ITEM NUMBER	ITEM	DEFINITION	COMMENTS	DCC NUMBERS / ICS	STATUS (NOTES)	SIGNED OFF 3rd IF	DATE
1	STORAGE PLAN REVIEW	Long Term Storage Requirements and Procedures are up to date.	For grouping of all Subsystem Storage Requirements Documents updated (see E1300001)	T1300027		Corey Gray	
2	BOM REVIEW	Types and quantities of parts/assemblies/spares/tooling to be received by LTS are clearly understood.	Coordinate with LTS lead	E1500198	DONE	Jodi Fauver	18th Dec 2014
3	CROSS CHECK	All Hardware (parts/assemblies/spares/tooling) checked into LAM. All in-vacuum parts have correct ICS information.	LAM=Long-Term Storage Asset Management (aka barcode system)	T1500119	DONE	Jodi Fauver	18th Dec 2014
4	BOM RECEIVED	All assemblies/spares listed in BOM have been delivered to LTS custody. LTS lead has physical or virtual control of assemblies/spares.	Virtual custody means that any hardware still in use is checked into LAM/ICS for 3IFO but is checked out to responsible owner.	T1500119	DONE	Jodi Fauver	18th Dec 2014
5	STORAGE VERIFICATION	Verification that Hardware is stored according to aLIGO and relevant subsystem LTS plans.		T1500119	DONE	Jodi Fauver	18th Dec 2014
PUNCHLIST							
ITEM NUMBER	DESCRIPTION	STATUS	VENDOR	RESP PERSON @ LHO	BUYER	DUE DATE	ADDITIONAL NOTES
1	ISCTEY In Air Kitting	COMPLETE (lens missing, PZTs on order (due within 1-2months))		Corey			
2	ISCTEX In Air Kitting	COMPLETE (PZTs on order (due within 1-2months))		Corey			
3	Locate crate of (5) ISC HEPA filters (& a 6th HEPA)			Jodi/Corey			
ITEMS STORED WITH NOTES/DEFECTS							
1	ASC RFPD ENCLOSURE - IN-VACUUM, TOP ASSEMBLY, LIGO-D1102002-v6 (4x)	Stored at CIT. Refer to LIGO-T1200506-v33. Serial number 249, 250, 639 & 640.	N/A	Rich Abbott			
2	LSC RFPD ENCLOSURE - MAIN BODY -v6, LIGO-D1101176-v6 (2x)	Stored at CIT. Refer to LIGO-T1200506-v33. Serial number 630 and 631.	N/A	Rich Abbott			
3	In-vacuum DCPD for OMC, LIGO-D060572-v1 (2x)	Stored at CIT. Refer to LIGO-T1200506-v33. Serial number 360 & 361.	N/A	Rich Abbott			

M1300164 3rd IFO Long Term Storage Acceptance and Punchlist – PSL

TITLE	3rd IFO Long Term Storage Acceptance and Punchlist						
DATE	1st April 2015						
SUB SYSTEM	PSL						
RESP PERSON(s)	Rick / Peter K						
RELEVANT DOCS							
ACCEPTANCE							
ITEM NUMBER	ITEM	DEFINITION	COMMENTS	DCC NUMBERS / ICS	STATUS (NOTES)	SIGNED OFF 3rd IFO	DATE
1	STORAGE PLAN REVIEW	Long Term Storage Requirements and Procedures are up to date.	For grouping of all Subsystem Storage Requirements Documents updated (see E1300001)	LIGO-T1200557	DONE	Rick Savage/Peter King	20th June 2014
2	BOM REVIEW	Types and quantities of parts/assemblies/spares/tooling to be received by LTS are clearly understood.	Coordinate with LTS lead	LIGO-E1200039 (pages 11-22)	DONE	Jodi Fauver	20th June 2014
3	CROSS CHECK	All in-vacuum parts have correct ICS information or an acceptable equivalent. All Hardware (parts/assemblies/spares/tooling) quantities verified by LTS lead.	Parts will be put into LAM ASAP. LAM=Long-Term Storage Asset Management (aka barcode system)	Table T1500083 ISS T1500091	DONE	Jodi Fauver	20th June 2014
4	BOM RECEIVED	All assemblies/spares listed in BOM have been delivered to LTS custody. LTS lead has physical or virtual control of assemblies/spares.	Virtual custody means that any hardware still in use is checked into LAM/ICS for 3IFO but is checked out to responsible owner.	Table T1500083 ISS T1500091	DONE	Jodi Fauver	20th June 2014
5	STORAGE VERIFICATION	Verification that Hardware is stored according to aLIGO and relevant subsystem LTS plans.		Refer to: T1500083 and T1500091	DONE	Jodi Fauver	18th Dec 2014
PUNCHLIST							
ITEM NUMBER	DESCRIPTION	STATUS	VENDOR	RESP PERSON @ LHO	BUYER	DUE DATE	ADDITIONAL NOTES
ITEMS STORED WITH NOTES/DEFECTS							
1	Beam position sensitivity measurement hardware	Matth to deliver to 3rd ifo after using at LLO - checked out at LLO. Jodi ask Rick if this is the only set...		Matt H. Matt H.		9/15/2015 9/15/2015	D1300901

M1300164 3rd IFO Long Term Storage Acceptance and Punchlist – SEI

TITLE	3rd IFO Long Term Storage Acceptance and Punchlist						
DATE	1st April 2015						
SUB SYSTEM	SEI						
RESP PERSON(s)	Mitch Robinson		Ken Mason				
RELEVANT DOCS	E1500010, E1101149						
RESOURCE DOCS	E1100331, E1100822, E1100369						
ACCEPTANCE							
ITEM NUMBER	ITEM	DEFINITION	COMMENTS	DCC NUMBERS / ICS	STATUS (NOTES)	SIGNED OFF 3rd IFO	DATE
1	STORAGE PLAN REVIEW	Long Term Storage Requirements and Procedures are up to date.	For grouping of all Subsystem Storage Requirements Documents updated (see E1300001)	LIGO-T1200527	DONE	Ken Mason	Dec 19th 2015
2	BOM REVIEW	Types and quantities of parts/assemblies/spares/tooling to be received by LTS are clearly understood.	Coordinate with LTS lead	E1500010	DONE	Jodi Fauver	18th Dec 2014
3	CROSS CHECK	All Hardware (parts/assemblies/spares/tooling) checked into LAM. All in-vacuum parts have correct ICS information.	LAM=Long-Term Storage Asset Management (aka barcode system)	T1500133	DONE	Jodi Fauver	18th Dec 2014
4	BOM RECEIVED	All assemblies/spares listed in BOM have been delivered to LTS custody. LTS lead has physical or virtual control of assemblies/spares.	Virtual custody means that any hardware still in use is checked into LAM/ICS for 3IFO but is checked out to responsible owner.	T1500133		Jodi Fauver	18th Dec 2014
5	STORAGE VERIFICATION	Verification that Hardware is stored according to aLIGO and relevant subsystem LTS plans.		T1500133	DONE	Jodi Fauver	18th Dec 2014
PUNCHLIST							
ITEM NUMBER	DESCRIPTION	STATUS	VENDOR	RESP PERSON @ LHO	BUYER	DUE DATE	ADDITIONAL NOTES
1	(4) 4.50" conflat flanges with dual floating triax. SRI part number 960103-1 Rev B	Order placed 17th March 2015	SRI Hermetics	Hugh Radkins (Ken Mason)	Marie Woods (MIT)	10th April 2015	
2	Parts and Hardware	Ken is ordering D1003164 x3 5Kg masses. Hardware for H2 was not fully ordered. Balance of hardware needed, passed to Ken 3/31/15		Ken Mason		Any day now.	Viton to be stored separate w/desiccant.
3	HAM - GS-13s	LLO is working on building these. 7 Hor, 4 Vert - Assembly essentially complete (needs to be tested)		Work being done at LLO. Joe Hanson and Jeremy Birch.			Essentially assembled - just awaiting leak and electrical test
4	HAM - L4C's	LLO is working on building these. 6 Hor, 6 Vert - Assembly essentially complete (needs to be tested)		Work being done at LLO. Joe Hanson and Jeremy Birch.			Essentially assembled - just awaiting leak and electrical test
5	HAM 1 Passive Stack	Gathering parts to final storage location		Hugh			3/31/2015 Jodi barcode and tag
6	Short list of Hepi items being fabricated by Brockmans.	Ordered.	Brockmans	Doug		3/31/2015	
7	Feedthroughs	LLO is providing additional components. Total short as of 3/19/15 is 12, 4 of these are noted in line item 0.				Shipped 3/30 from LLO	
ITEMS STORED WITH NOTES/DEFECTS							
1	HEPI - Return all HEPIs from OSW	1 remaining at OSW. No immediate plans to retrieve.					
2	HEPI - Remove Actuators as needed	Actuators need to be put on shelf and added to 1146 doc.					
3	HEPI - Deinstall H2 Hepi	Stored in place until further notice.					
4	HEPI - Crossbeams	1 in Highbay, 3 at OSW. No immediate plans to retrieve.					Crossbeams at OSF will need to be flushed. The one in the Highbay is already done.
5	Small amount of late arriving hardware/parts to be delivered to 3IFO dirty	Items will be listed and tagged as "dirty".					
6	HEPI Controller	Not delivered for 3rd IFO.					
k	BSC 6 and 8 Feed thru's	Stored in place.		Jodi			