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	DOC NO	TITLE				PRE	REV	NEW REV	
	E030507-00 E030508-00	DRAWING T					00 00	A A	
	D040391-02 D020700-02			SUS ASSEMBLY & leaner Suspension A		IXTURES	02 02	A A	
	FULL LIST (OF DRAWIN	GS STAF	RTS ON SHEET	Γ 2 OF 2				
CHANG	E DESCRIPTI	ION (FROM	/ TO):						
			ŕ						
REASON	FOR CHANG	E: Initial R	Release						
ACTION:	⊠ Incorp	orate Change	Atta	ch DCN to Drawin	gs 🔲 Ot	ther Action	(spe	eify):	
DISPOSI	TION OF HARD	OWARE (IDEN	TIFY SER	RIAL NUMBERS)		DCN DISTRIBUTION			
No hardware was affected (record change only):				Barish	(Coyne	Fritschel		
List S/	<u> </u>				Giaime Raab		Lazzarini Shoemaker	Lindquist Sibley	
List S/	Ns to be reworke	d/scrapped:				Sigg]	Tyler	Weiss
List S/	List S/N's to be built with this change:				Whitcomb Cantley		Vorden Greenhalgh	Hough	
List S/	Ns to be retested	per this change	<u>.</u>			N. Robert		Jiccinaign	
SAFETY, CO	ST, SCHEDULE, F	REQUIREMENT	S IMPACT	?	YES (If YE	S, enter CR	(CCB	or TCP (TRI	3) #)
	APPROVALS		DATE	OTHER APPRO	VALS (SPEC	TFV)		` ` `	DATE
ORIGINA	TOR: Calum I.		24 th June	(MB):	, 1120 (51 E c				
TASK LEAD		101110	2004	(NAR):					
GROUP LEA				,					
DCC REL	EASE:								1
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DOC NO	TITLE	PRE REV	NEW R	EV	
D040391	ASSEMBLY MC SUSPENSION & ASSEMBLY FIXTURES		02	TO	Α
D020700	Mode Cleaner Suspension Assembly		02	TO	Α
D020661	ASSEMBLY MAGNET AND DUMBBELL		00	TO	Α
D020541	ASSEMBLY LOWER AND INTERMEDIATE MASS		01	TO	Α
D020234	MC OPTIC		05	TO	Α
D020416	CVI OPTIC SPACER		00	TO	Α
D020316	ASSEMBLY LOWER WIRE CLAMP		00	TO	Α
D020204	LOWER WIRE CLAMP SHIM		00	TO	Α
D020203	LOWER WIRE CLAMP OUTSIDE		00	TO	Α
D020202	LOWER WIRE CLAMP INSIDE		00	TO	Α
D020148	MC WIRE STAND OFF		01	TO	Α
D020319	ASSEMBLY UPPER BLADE WIRE CLAMP		01	TO	Α
D020198	UPPER BLADE WIRE CLAMP		00	TO	Α
D030042	UPPER BLADE WIRE CLAMP PLATE		01	TO	Α
D020135	UPPER BLADE WIRE CLAMP PLATE (ALT TO D030042)		01	TO	Α
D020535	ASSEMBLY UPPER MASS + TABLE CLOTH		01	TO	Α
D020239	COIL HOLDER U (TABLE CLOTH)		06	TO	Α
D020225	ASSEMBLY COIL FORMER AND ASSOCIATED PARTS		10	TO	Α
D020282	COIL FORMER BRACKET		11	TO	Α
D030122	SHOULDER FOR COIL FORMER BRACKET		01	TO	Α
D030105	ASSEMBLY COIL HEAD		09	TO	A
D020188	COIL FORMER		09	TO	Α
D030108	SPACER FOR PIN HEAD		01	TO	A
D030123	SPACER FOR COIL FORMER BRACKET		01	TO	A
D030183	COIL FORMER CLAMP ONE PIECE		04	TO	A
D030710	COIL FORMER CLAMP ONE PIECE ALT		03	TO	A
D020532	ASSEMBLY MAGNET AND FLAG (FOR PITCH)		00	TO	A
D020210	BRIDGE SPACER FOR MAGNET ASSEMBLY MAGNET AND FLAG		00 00	TO TO	A A
D020533 D020196	MAGNET SPACER		00	TO	A
D020190 D020534	ASSEMBLY UPPER MASS		00	TO	A
D020334 D020197	FLAG FOR MAGNET		00	TO	A
D020197 D020137	PITCH INSERT FOR T SECTION		03	TO	A
D020137 D020136	T SECTION FOR UPPER MASS		06		A
D020130	LowerBlade		03	TO	A
D020201	UPPER MASS MAIN SECTION		03	TO	A
D020308	lowerbladeclamp lowerside		00	TO	A
D020119	LOWER BLADE CLAMP UPPER SIDE		00	TO	A
D020318	ASSEMBLY LOWER BLADE WIRE CLAMP		01	TO	A
D020132	LOWER BLADE WIRE CLAMP		01	TO	Α
D020133	LOWER BLADE WIRE CLAMP PALTE		01	TO	Α
D030044	LOWER BLADE WIRE CLAMP PLATE THICK (ALT TO D020	0133)	01	TO	Α
D020199	MAGNET HOLDER (TRANSVERSE)	,	00	TO	Α
D020211	FIT FOR MAGNET HOLDER		00	TO	Α
D020200	MAGNET HOLDER (LONGITUDINAL AND YAW)		00	TO	A
D030076	MAGNET SPACER (STEEL)		00	TO	Α
D020499	ASSEMBLY UPPER WIRE CLAMP (WITH PITCH ADJUSTM	IENT)	00	TO	Α
D020481	UPPER MASS C CLAMP	,	03	TO	Α
D020309	UPPER MASS WIRE CLAMP PLATE (WITH GROOVE)		00	TO	Α



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DOC NO	TITLE	PRE REV	NEW REV	
D020139	UPPER MASS WIRE CLAMP PLATE	T KE KE V	00 TO	Α
D020482	UPPERMASS SCREW DRIVE SYSTEM		00 TO	Α
D020676	ROLL INSERT TSECTION		00 TO	Α
D030025	STAINLESS SHCS, 1/4-20X2.5, ROUNDED END		00 TO	Α
D020542	ASSEMBLY UPPER BLADE GUARD		02 TO	Α
D020042	MC STRUCTURE GUARD TOP PLATE		01 TO	Α
D020463	LOS WINCH FIXTURE ADAPTER PLATE		00 TO	Α
D020443	UPPER BLADE CATCHER ASSEMBLY PLATE		01 TO	Α
D020562	UPPER BLADE CATCHER ASSEMBLY GUARD		00 TO	A
D030075	LOS WINCH FIXTURE ADAPTER PLATE		00 TO	Α
D030070	STAINLESS SHCS, 1/4-20X2.5, ROUNDED END		00 TO	Α
D030022	MCStructure Tablecloth Bracket		04 TO	A
D020040	MC STRUCTURE MAIN STRUCTURE		04 TO	A
D020023	Structure Stiffener, Small		03 TO	A
D020410	Crossbar for Stops		05 TO	A
D020420	Sensor/Actuator Bracket, LIGO1		03 TO	A
D020417	LIGO1 SENSOR/ACTUATOR BRACKET 2		03 TO	A
D030017	LIGO1 SENSOR/ACTUATOR BRACKET 3		00 TO	A
D030010	Side X Stiffener		00 TO 01 TO	A
D020425	X Stiffener, Front		01 TO	A
D020423	TABLE CLAMP (STRUCTURE SHIM TO OPTICAL TABLE)		01 TO	A
D030041	CROSSBAR BRACKET TWO		00 TO	A
D030014	Crossbar Bracket		00 TO	A
D020522	FACE BRACKET		00 TO 01 TO	A
D020323	FACE BRACKET 2		00 TO	A
D030015	FACE BRACKET 3		00 TO	A
D030010	CROSSBAR FOR STOPS 2		00 TO 02 TO	A
D020320	STAINLESS SHCS, 1/4-20X2.5, ROUNDED END		02 TO	A
D030023	Structure Brace		00 TO 04 TO	A
D020405 D030451			04 TO	A
D030431	Rotational Adjuster Assembly BASE PLATE		02 TO	A
D030446	ROTATING PLATE		02 TO	A
D030447	UPPER BLADE		02 TO	A
D020203 D030450	PULL PLATE		02 TO 01 TO	A
D030430	PUSH PLATE		01 TO 02 TO	A
D030449 D030459	RA UPPER BLADE CLAMP LOWER SIDE 0.0 DEGREE		02 TO	
D030439 D020116	UPPER BLADE CLAMP UPPER SIDE 0.0 DEGREE		00 TO	A A
D020110	BLADE DAMPER		00 TO 01 TO	A
D030269 D030263	COPPER SLEEVE		00 TO	A
D030263	DAMPER ARM		00 TO 01 TO	A
D030204 D020466	NICKEL PLATED MAGNET			A
D020400 D020215	smallcatcher forlowerblades		A TO 00 TO	A
D020213 D020494	ALIGNMENT TARGET (FOR LOCAL SENSORS)		00 TO	A
	ASSEMBLY LOWER WIRE JIG			A
D020162 D020157	TEST MASS JIG		01 TO 02 TO	A
D020157 D020155	SPACER FOR MASS JIG		02 TO 01 TO	A
D020155 D020156	CLAMP MASS JIG		01 TO	A
D020156	SPACER FOR MASS JIG (LOWER WIRE)		01 TO	A
D030046	CLAMP MASS JIG (LOWER WIRE)		01 TO	A
D030047	Brass Pusher Fixture		00 TO	A
D030020	DIGGG I IGITET I IXIUIE		00 10	^



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DOC NO	TITLE PRE REV	NEW R	EV	
D020161	ASSEMBLY UPPER WIRE JIG	00	TO	Α
D020153	BAR JIG (UPPER AND INT. WIRE)	01	TO	Α
D020158	ANGLED ATTACHMENT FOR UPPER BLADE WIRE CLAMP	00	TO	Α
D020154	BAR JIG STEP PLATE	03	TO	Α
D020440	UPPER WIRE HEIGHT BALANCE	00	TO	Α
D020540	WIRE START MATCHED HEIGHT (GROOVED CLAMP)	00	TO	Α
D020380	WIRE START CLAMP UPPER	00	TO	Α
D020501	BAR JIG ADJUSTER	00	TO	Α
D020677	ASSEMBLY LIBRARY OF CLAMPS (INCLUDING CLAMPS 4 ROT ADJ)		TO	Α
D020307	upperbladeclamp lowerside	00	TO	Α
D020321	upperbladeclamp lowerside ANGLED 0.5degree	00	TO	Α
D020325	upperbladeclamp upperside ANGLED 0.5degree	00	TO	A
D020324	upperbladeclamp lowerside ANGLED 2.5degree	00	TO	A
D020328	upperbladeclamp upperside ANGLED 2.5degree	00	TO	A
D020312	upperbladeclamp upperside ANGLED	00	TO	A
D020312	upperbladeclamp lowerside ANGLED	00	TO	A
D020311	upperbladeclamp lowerside ANGLED 1.5degree	00	TO	A
D020323	upperbladeclamp upperside ANGLED 1.5degree	00	TO	A
D020327	upperbladeclamp lowerside ANGLED 1.3degree	00	TO	A
D020322	upperbladeclamp upperside ANGLED 1.0degree	00	TO	A
D020320 D020679	UPPER BLADE CLAMP LOWERSIDE SHIM 1mm	00	TO	A
D020679	UPPER BLADE CLAMP LOWERSIDE SHIM 111111 UPPER BLADE CLAMP LOWERSIDE SHIM 2mm	00	TO	A
		00	TO	A
D020340	lowerbladeclamp upperside angled 2.5degree			
D020336	lowerbladeclamp lowerside angled 2.5degree	00	TO TO	A
D020313	lowerbladeclamp lowerside angled	00		A
D020314	lowerbladeclamp upperside angled	00	TO	A
D020339	lowerbladeclamp upperside angled 1.5degree	00	TO	A
D020335	lowerbladeclamp lowerside angled 1.5degree	00	TO	A
D020334	lowerbladeclamp lowerside angled 1.0degree	00	TO	A
D020338	lowerbladeclamp upperside angled 1.0degree	00	TO	A
D020333	lowerbladeclamp lowerside angled 0.5degree	00	TO	A
D020337	lowerbladeclamp upperside angled 0.5degree	00	TO	A
D020682	LowerBladeClamps Shim1mm	00	TO	Α
D020687	UpperBladeClamp Lowerside Angled 3.0degree	00	TO	Α
D020689	UpperBladeClamp Upperside Angled 3.0degree	00	TO	Α
D020688	UpperBladeClamp Lowerside Angled 3.5degree	00	TO	Α
D020690	UpperBladeClamp Upperside Angled 3.5degree	00	TO	Α
D030460	ROTAIONAL ADJUSTER UPPER BLADE CLAMP LOWER SIDE ANGLED 0.5 DEGREE	00	TO	Α
D030461	ROTAIONAL ADJUSTER UPPER BLADE CLAMP LOWER SIDE ANGLED 1.0 DEGREE	00	ТО	Α
D030462	ROTAIONAL ADJUSTER UPPER BLADE CLAMP LOWER SIDE ANGLED 1.5 DEGREE	00	ТО	Α
D030463	ANGLED 1.3 DEGREE ADVANCED LIGO SUS MC ROTAIONAL ADJUSTER UPPER BLADE CLAMP LOWER SIDE 2.0 DEGREE	00	ТО	Α
D030464	ADVANCED LIGO SUS MC ROTAIONAL ADJUSTER UPPER BLADE CLAMP LOWER SIDE ANGLED 2.5 DEGREE	00	ТО	Α
D030465	ADVANCED LIGO SUS MC ROTAIONAL ADJUSTER UPPER BLADE CLAMP LOWER SIDE ANGLED 3.0 DEGREE	00	ТО	Α
D030466	ADVANCED LIGO SUS MC ROTAIONAL ADJUSTER UPPER BLADE CLAMP LOWER SIDE ANGLED 2.5 DEGREE	00	TO	Α
D030049	ASSEMBLY INTERMEDIATE WIRE JIG	00	TO	Α
D020376	WIRE START GROOVED CLAMP	00	TO	Α



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DOC NO	TITLE PRE REV	NEW R	ΈV	
D020159	LOWER BLADE WIRE JIG (INTERMEDIATE WIRES)	04	TO	Α
D020458	ASSEMBLY BASIC ALUM CATCHER INTERMEDIATE & TEST MASS	00	TO	Α
D020445	V CLAMP FOR BAR CATCHER	00	TO	Α
D020448	CATCHER BAR FOR INTERMEDIATE MASS	00	TO	Α
D020446	BAR ATTACH LOWER	00	TO	Α
D020447	BAR ATTACH UPPER	00	TO	Α
D020449	CATCHER BAR FOR TEST MASS	00	TO	Α
D040259	TABLE CLOTH AND UPPER MASS TABLE JIG	00	TO	Α
D020450	BAR PLATE (FIXTURE ASSEMBLY)	00	TO	Α
D020350	UPPER MASS 100g ADD ON MASS	00	TO	Α
D020351	UPPER MASS 50g ADD ON MASS	01	TO	Α
D030468	40g ADD ON MASS	00	TO	Α
D030457	SPACER 120g MASS	00	TO	Α
D030456	SPACER 75g MASS	00	TO	Α
D030455	SPACER 35g MASS	00	TO	Α
D030454	SPACER 60g MASS	00	TO	Α
D030079	UPPER MASS 10g ADD ON MASS	00	TO	Α
D030078	UPPER MASS 20g ADD ON MASS	00	TO	Α
D020660	ASSEMBLY I-BLADE DEFLECTION JIG	00	TO	Α
D010264	I-BLADE WIRE CLAMP	00	TO	Α
D010265	I-BLADE WIRE CLAMP PLATE	00	TO	Α
D010266	I-BLADE MASS CLAMP CYLINDER	00	TO	Α
D010261	I-BLADE MASS CLAMP	00	TO	Α
D010268	I-BLADE MASS CLAMP PLATE	00	TO	Α
D030021	RSHCS 1/4-20 X 2.25	00	TO	Α
D030024	AG-RSHCS 8-32 X .375	00	TO	Α
D030026	AG-RSHCS 8-32 X 1.75	00	TO	Α
D030027	AG-RSHCS 8-32 X 2	00	TO	Α