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DCC RELEASE:

DCN No.	E030398-00
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Massachusetts Institute of Technology Massachusetts Institute of Technology						, Eu		-00		
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Docum	ent Ch	ange No	otice ((DCN)	S	Sheet	1	of s	5	
DOCUMENT	No.			TITLE					1	NEW
(DOC-REV-G	P.ID)	Ref	lection/	Transmission Sca	nner	· (RTS) Dr	awing	gs	REV
see list below		see list below	V							see below
CHANCE DI	ECODIDITIO	NI (EDONA)	FO).							
CHANGE DE		•		hived at time of fabric	ration	in 1997	//1998	3)		
	_	*		though all were proba					1997	
				wings from which the						e (hopefully
				e should be taken in t	-					e (noperany
CC Design #	LIGO Dwg	1								
3201	D970625	A		Piezo Lift (RTS)						
3202	D980698	A		Plate, Main (RTS)						
3203	D970624	A		, Riser, Nest Plug (RT	ΓS)					
3204	D970626	A		o, Mirror, Bottom (RT						
3205	D970627	A	Plug,	Mirror Clamp (RTS)	,					
3206	D970628	A		ng Plug, "V" Groove	(RTS)				
3207	D970629	A		ng Plug, Conical (RT		-				
3208	D970630	A	Stop E	Block, Mirror (RTS)						
continued										
DEASON FO	D CHANC	F. Initial ra	loogo Th	is drawing package i	ic for	the refl	ootio	n/tranc	miccio	on soonnor
				O optics. It is a one-o					511115510	ni scainiei
ACTION:	⊠ Incorp	orate Change	Atta	ch DCN to Drawings		Other Ac	tion (s	pecify):		
DISPOSITIO	DISPOSITION OF HARDWARE (IDENTIFY SERIAL NUMBERS) DCN DISTRIBUTION							N .		
No hardware was affected (record change only): initial release Barish Zucker						er	Coyne			
_	Lazzarini Lindquist Sanders						•			
List S/Ns t	to be reworke	d/scrapped:				Weiss	unci	White		Matherny
List S/N's to be built with this change: Raab Cardenas Billingsley Zhang						Zhang				
List S/Ns to be retested per this change:										
SAFETY, COST, SCHEDULE, REQUIREMENTS IMPACT? NO YES (If YES, enter CR (CCB) or TCP (TRB) #)										
APPROVALS: DATE OTHER APPROVALS (SPECIFY)								DATE		
ORIGINATOR: Dennis Coyne 8/9/03										
TASK LEAD	ER: GariLyn	n Billingsley	8/9/03							
GROUP LEA	DER: Denni	s Coyne	8/9/03							



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DCN No. E030398-00

Sheet 2 of 5

CHANGE DESCRIPTION (FROM/TO):

OHIH (GE DE	11011 (1	210112, 2 0) ·
CC Design #	LIGO Dwg #	Revision	Title
3209	D970631	A	Post, Mirror Stop (RTS)
3210	D970632	A	Holder, Locating Plug (RTS)
3211	D970633	A	Bracket, Lift, Round Plug (RTS)
3212	D970634	A	Bracket, Lift, "V" Plug (RTS)
3213	D970635	A	Assy, Ring, Mirror Support (RTS)
3214	D970636	A	Baseplate, Nest (RTS)
3215	D970637	A	Post, Ball #1 (RTS)
3216	D980699	A	Base Plate, X-Carriage (RTS)
3217	D970638	A	Lever Arm, C'Balance (RTS)
3218	D970639	A	Pivot Block, C'Balance (RTS)
3219	D980700	A	Base Plate, Y-Carriage (RTS)
3220	D970640	A	Screw, C'Balance, Spring (RTS)
3221	D970641	A	Holder, Micrometer Head (RTS)
3222	D980701	A	Block, Encoder Attaching, Encoder (RTS)
3223	D970642	A	Block, Bearing, Drive Screw (RTS)
3224	D970643	A	Mount, Stepper Motor (RTS)
3225	D970644	A	Strip, Encoder Attaching, Short (RTS)
3226	D970645	A	Strip, Encoder Attaching, Long (RTS)
3227	D970646	A	Bracket, Encoder Electronics (RTS)
3228	D970647	A	Block, Beamsplitter Mounting, Base (RTS)
3229	D970648	A	Plate, Opt101/Beamsplitter Block (RTS)
3230	D970649	A	Pressure Plate, Beamsplitter (RTS)
3231	D970650	A	Brkt., Retaining, Beamsplitter (RTS)
3232	D970651	A	Bracket, Camera Mounting, Base (RTS)
3233	NA		NA
3234	D970652	A	Bracket, Lens, Lower (RTS)
3235	D980702	A	Ring, Lower Lens Retaining (RTS)
3236	NA		NA
3237	D970653	A	Filter Wheel (RTS)
3238	NA		NA
3239	D980703	A	Block, Filter Retaining (RTS)
3240	D970654	A	Shaft, Filter Wheel Mounting (RTS)
3241	D980704	A	Bracket, Opt. Encoder (RTS)
3242	D970655	A	Coupling, Motor/Gear (RTS)
3243	D980705	A	Motor Mount, Filter Wheel (RTS)
3244	D970656	A	Clamp, Mirror, Top (RTS)
3245	D970657	A	Rear Plate, Enclosure (RTS)
3246	D970658	A	Side Plate, Enclosure (RTS)
3247	D970659	A	Plate, Optic Support, Enclosure (RTS)
3248	D970660	A	Support, Optic Support Plate (RTS)
3249	D970661	A	Plate, YAG Mounting (RTS)
3250	D970662	A	Plate, Lees Mtg, Lower (RTS)

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DCN No. E030398-00

Sheet 3 of 5

CHANGE DESCRIPTION (FROM/TO):

CC Design #	LIGO Dwg #	Revision	Title
3251	D970663	A	Plate, Lees Mtg, Upper (RTS)
3252	D970664	A	Angle, Front Cover Retaining (RTS)
3253	N/A		N/A
3254	D970665	A	Angle, Cover Support, Top (RTS)
3255	D970666	A	Angle, Cover Support, Vert., Rear (RTS)
3256	D970667	A	Angle, Cover Support, Vert., Front (RTS)
3257	D970668	A	Angle, Cover Support, Horiz. (RTS)
3258	D970669	A	Top Plate, Enclosure (RTS)
3259	D970670	A	Cover, Front (RTS)
3260	D970671	A	Block, Cover Retaining, Single (RTS)
3261	D970672	A	Block, Cover Retaining, Double (RTS)
3262	D970673	A	Block, Angle Frame Retaining (RTS)
3263	D980706	A	Base Plate, Main (RTS)
3264	D970674	A	Sideplate, Access Cover (RTS)
3265	D970675	A	Front/Rear Plate, Access Cover (RTS)
3266	D970676	A	Top Plate, Access Cover (RTS)
3267	D970677	A	Rod, Optic Support Plate Retaining (RTS)
3268	D970678	A	Block, Fan Mount (RTS)
3269	D970679	A	Stand-off, YAG Plate (RTS)
3270	D970680	A	Block, HeNe Laser Mount (RTS)
3271	D970681	A	Brkt., Mtg., Shutter (RTS)
3272	D970682	A	Block, Mtg., Gland Laser Polariser (RTS)
3273	D970683	A	Block, Mtg., YAG Front Lens (RTS)
3274	D970684	A	Block, Mtg., Polariser Assembly (RTS)
3275	D970685	A	Bracket, Bragg Cell Mounting (RTS)
3276	D970686	A	Bracket, Mounting, Marshal Camera (RTS)
3277	D970687	A	Block, Beam Expander, Base (RTS)
3278	D970688	A	Block, Beam Expander, Upper (RTS)
3279	D970689	A	Block, Mounting New Focus 8812/8809 (RTS)
3280	D970690	A	Block, Hexoptic Mounting (RTS)
3281	D970691	A	Bracket, Camera Mounting (RTS)
3282	N/A		N/A
3283	D970692	A	Plate, Filter Wheel Mounting (RTS)
3284	D970693	A	Plate, Lower Lens Mounting (RTS)
3285	D970694	A	Plate, Lower Mirror Mounting (RTS)
3286	D970695	A	Block, Lower Lees Stage Mtg. (RTS)
3287	D970696	A	Brkt., E-Chain Ret., X-Carriage (RTS)
3288	D970697	A	Brkt., E-Chain Ret., Y-Carriage (RTS)
3289	D970698	A	Holder, Conical Locating Plug (RTS)
3290	D970699	A	Post, Nest Support (RTS)
3291	D980707	A	Hexoptic, Housing (RTS)

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DCN No. E030398-00

Sheet 4 of 5

CHANGE DESCRIPTION (FROM/TO):

CC Design #	LIGO Dwg #	Revision	Title
3292 - 93	N/A		N/A
3294	D970700	A	Block, LPT101/BMSPLTR Mounting (RTS)
3295	D970701	A	Block, Pol./BMSPLTR Mounting (RTS)
3296	N/A		N/A
3297	D970702	A	Holder, Gimbal Mount, New Focus 8812 (RTS)
3298	D970703	A	Block, Filter Retaining (RTS)
3299	D970704	A	Ring, Lens Retaining (RTS)
3300	D970705	A	Cover Plate, LPT101 (RTS)
3301	D970706	A	PCB, LPT101 (RTS)
3302	D970707	A	Positioning Block, Quad-Cell (RTS)
3303	D970708	A	Holder, Quad-Cell (RTS)
3304	D970709	A	Plate, Quad-Cell Retaining (RTS)
3305 – 14	N/A		N/A
3315	D970710	A	Heat Sink, Motor, Upper Half (RTS)
3316	D970711	A	Heat Sink, Motor, Lower Half (RTS)
3317 – 19	N/A		N/A
3320	D970712	A	Assy., Nest (RTS)
3321 – 23	N/A		N/A
3324	D970713	A	Assy., Y-Stage (RTS)
3325	D970714	A	Assy., X-Stage (RTS)
3326 - 27	N/A		N/A
3328	D970715	A	Pin, Pivot, Mass Compensator (RTS)
3329	D970716	A	Block, Drive Nut Retaining (RTS)
3330	D970717	A	Drive Screw, X-Stage, (Long) (RTS)
3331	D970718	A	Assy., Base (RTS)
3332 – 34	N/A		N/A
3335	D970719	A	Spacer, Marshal Camera (RTS)
3336 – 44	N/A		N/A
3345	D970720	A	Assy., Cabinet (RTS)
3346 – 49	N/A		N/A
3350	D980708	A	Assy., Optics, Rear Plate (RTS)
3351	D970721	A	Assy., Optics, Side Plate (RTS)
3352	N/A		N/A
3353	D970722	A	Drive Screw, Y-Stage, (Short) (RTS)
3354	N/A		N/A
3355	D980709	A	Assy., Optics, Inside (RTS)
3356 – 78	N/A		N/A
3379	D970723	A	Assy., Stages & Outer Panels (RTS)
3380 – 83	N/A	A	N/A
3384	D970724	A	Spacer, Encoder, PCB Mounting, Short (RTS)
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DCN No. E030398-00

Sheet 5 of 5

CHANGE DESCRIPTION (FROM/TO):

CC Design #	LIGO Dwg #	Revision	Title
3385	D970725	A	Spacer, Encoder, PCB Mounting (RTS)
L610	D980710	A	Assembly, Upper (3D) (RTS)
L620	D980711	Α	Assembly, Lower (3D) (RTS)