



CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY
 IGR, GLASGOW UNIVERSITY, GEO 600 GROUP

E080185 - A - D

DRWG NO. REV GID

SHEET SEE BOTTOM LEFT

ASSEMBLY NO.

D080327

PROJECT DRAWING TREE

TITLE: Output Mode Cleaner (LLO) Overall Assembly and Assembly Fixtures

NUMBER	DESCRIPTION	REVISION
	APPROVALS:	DATE:
AUTHOR:	M. Meyer	18th JUNE 2008
CHECKED:		
APPROVED:		
DCC RELEASE		

NUMBER	DESCRIPTION	REVISION
D080327	OUTPUT MODE CLEANER (LLO) OVERALL ASSEMBLY AND ASSEMBLY FIXTURES	A
D060306	OUTPUT MODE CLEANER (LLO) OVERALL ASSEMBLY	A
D060296	STRUCTURE WELDMENT, OUTPUT MODE CLEANER	A
D070145	TOP BLADE GUARD ASSEMBLY	A
D070146	Blade Guard Crosspiece	A
D070147	Blade Guard Riser	A
D030021	SHCS, 1/4-20 x 2.5, Rounded End	B
D070052	Connector Bracket, OMC	B
D070028	Blade Platform, OMC	A
D030451	ROTATIONAL ADJUSTER ASSEMBLY	B
D030448	Base Plate	B
D030447	Rotating Plate	B
D020205	Upper Blade	A
D030450	Pull Plate	A
D030449	Push Plate	A
D030459	RA Upper Blade Clamp Lower Side 0.0 Degree	A
D020116	Upper Blade Clamp Upper Side 0.0 Degree	A
D020680	Upper Blade Clamp Lower Side Shim 2mm	A
D020677	Assembly Library of Clamps	A
D060536	UPPER WIRE ASSEMBLY	A
D070022	Top Blade Wire Clamp	A
D030042	Upper Blade Wire Clamp Plate	A
D070030	C-Clamp 4 Top Wire	A
D020309	Upper Mass Wire Clamp Plate	A
D020139	Upper Mass Wire Clamp Plate	A
D060533-1	Mounting Bracket, Coil Holder, OMC	A
D060533-2	Mounting Bracket, Coil Holder, OMC	A
D060530	Coil Holder, OMC (Table Cloth)	A
D060218	BOSEM ASSEMBLY	C
D060106	Coilformer	C
D060107	Coilformer Backplate	C
D060108	Coilformer Clamp	C
D060109	Adjuster Shaft	C
D060110	Adjuster Nut	C
D050435	Flexi-Circuit	C
D060217	PD ASSEMBLY	C
D060112	PD Carrier	C
D060117	PD Sleeve	C
D060114	PD Retainer	C
D060216	IRLED ASSEMBLY	C
D060111	IRLED Carrier	C
D060113	IRLED Retainer	C
D060115	IRLED Lens Retainer	C
D060116	IRLED Sleeve	C
D060502	UPPER MASS ASSEMBLY	A
D060491	Main Section, Upper Mass, OMC	A
D060503	Pitch Insert, T-Section	A
D070032	T-Section, Upper Mass, OMC	B
D060416	OSEM MAGNET SPACER AND FLAG CONCEPT	F
D060418	Magnet Retainer	F
D060401	Magnetic Plug	F
D060400	OSEM Magnet Flag	F
D020482	Screwdrive System	A



CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY
 IGR, GLASGOW UNIVERSITY, GEO 600 GROUP

E080185 - A - D

DRWG NO. REV GID

SHEET SEE BOTTOM LEFT

ASSEMBLY NO.

D080327

PROJECT DRAWING TREE

TITLE: Output Mode Cleaner (LLO) Overall Assembly and Assembly Fixtures

NUMBER	DESCRIPTION	REVISION
D070031	Lower Blade Clamp Upper Side	A
D020201	Lower Blade	B
D020308	Lower Blade Clamp Lower Side	A
D070045	Lower Blade Cover, OMC	A
D070020	Magnet Holder, OMC	A
D060537	LOWER WIRE ASSEMBLY	A
D020132	Lower Blade Wire Clamp	B
D020133	Lower Blade Wire Clamp Plate	A
D070070	Wire Clamp for Optical Bench	A
D070213	Wire Clamp for Optical Bench	A
D070068	C Spacer Located Between Glass Bench and Wire Clamp	C
D060488	OPTICS BENCH ASSEMBLY	
D080163	OMC CROSSBAR ASSEMBLY	A
D080164	OMC Crossbar Base Plate	A
D080165	OMC Crossbar Side Plate	A
D070049	Earthquake Bracket Top	A
D060544	EARTHQUAKE STOP ASSEMBLY	A
D060545	Earthquake Stop Adjuster	A
D060546	Earthquake Stop (Compliant)	A
D060547	Earthquake Stop Mount Plate	A
D060548	Fused Silica Earthquake Stop	A
D070484	Earthquake Bracket Side Alternate	A
D070050	Earthquake Bracket Bottom	B
D070035	METAL BENCH ASSEMBLY	C
D070027	Metal Dummy Optical Bench	C
D020350	Upper Mass 100g Add On Mass	A
D020351	Upper Mass 50g Add On Mass	A
D030078	Upper Mass 20g Add On Mass	A
D070249	JIG ASSEMBLY, LOWER WIRES	A
D070250	OMC Lower Wire Jig Bar	A
D020376	Wire Start Grooved Clamp	A
D020380	Wire Start Clamp Upper	A
D980184	LOS Clamp, Long	B
D020159	Lower Blade Wire Jig (Intermediate Wires)	A
D070069	Interface to Wire Jig for D070067	A
D070248	OMC Interface for Wire Jig	A
D080151	JIG ASSEMBLY, UPPER WIRES (LLO)	A
D080150	Bar Jig Plate, Upper Wires	A
D020440	Upper Wire Height Balance	A
D020540	Wire Start Matched Height (Grooved Clamp)	A
D020380	Wire Start Clamp Upper	A
D980184	LOS Clamp Long	B
D070023	Wire Jig Attachment, Upper Blade Wire Clamp	A
D070038	Bar Jig Step Plate	A
D070556	UPPER BLADE BAKING FIXTURE	A
D070557	Base Plate	A
D070558	Side Support	A
D070559	Top Bridge	A
D080014	Glass OMC Counterbalance Mass	A
D080015	Counterbalance Add On Mass, 20g, OMC	A