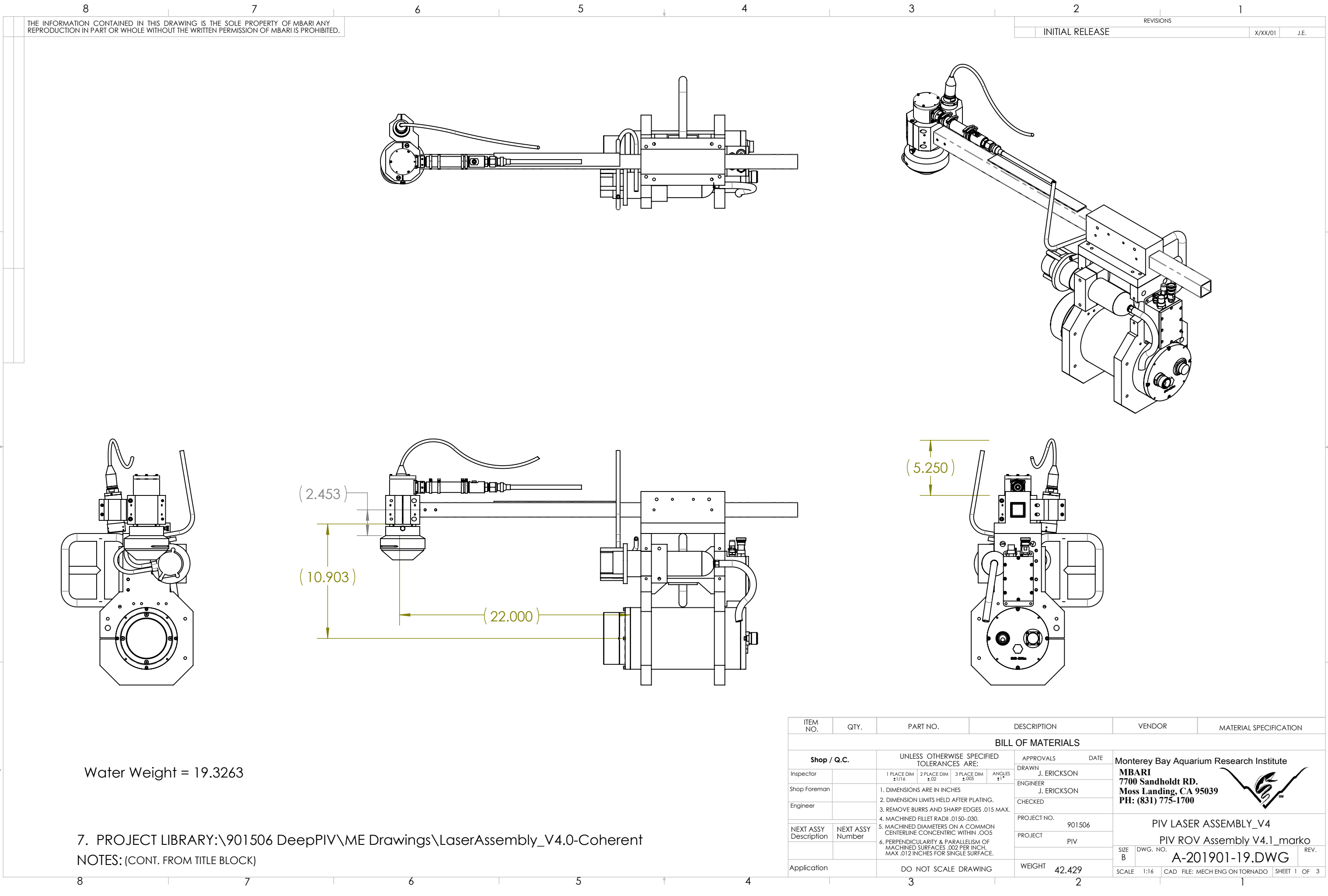




8

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15

1

A-202xxx-19

Remote Head Clamp Assembly

MBARI

14

1

P-201807-16

Bail "D" Handle for PIV

MBARI

6061-T6 Alloy

13

1

P-201823-17

Alternate Handle Mount V2

MBARI

POM Delrin (Black)

12

1

A-201954-17

PBOF Fiber Assembly

MBARI

11

1

10

1

9

2

8

1

A.01

7

1

Safety Cap Diffuser Assembly

6

1

InSite Pacific BW Camera

5

1

P-201801-17

Fiber Tube Mount Block

MBARI

POM Delrin (Black)

6

2

P-201803-17

Camera Plate Bracket V2

MBARI

PE UHMW

3

1

A-201874-17

Sony Box Camera Assembly_V2

MBARI

2

1

25492

Rect. Tube

Rock West Composites

Generic Carbon Epoxy

1

1

A-201785-19

Remote Laser Head Assembly V7

MBARI

ITEM NO.

Print/QTY.

Part_Number

DESCRIPTION

Revision

Vendor

MATERIAL

Shop / Q.C.

Inspector

Shop Foreman

Engineer

NEXT ASSY Description

NEXT ASSY Number

Application

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:

1 PLACE DIM ±1/16

2 PLACE DIM ±.02

3 PLACE DIM ±.005

ANGLES ±1°

1. DIMENSIONS ARE IN INCHES

2. DIMENSION LIMITS HELD AFTER PLATING.

3. REMOVE BURRS AND SHARP EDGES .015 MAX.

4. MACHINED FILLET RADII .0150-.030.

5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005

6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE.

DO NOT SCALE DRAWING

APPROVALS

DATE

DRAWN J. ERICKSON

ENGINEER J. ERICKSON

CHECKED

PROJECT NO. 901506

PROJECT PIV

WEIGHT 42.429 lb.

Monterey Bay Aquarium Research Institute

MBARI

7700 Sandholdt RD.

Moss Landing, CA 95039

PH: (831) 775-1700



PIV LASER ASSEMBLY_V4

PIV ROV Assembly V4.1_marko

SIZE B

DWG. NO. A-201901-19.DWG

SCALE 1:16

CAD FILE: MECH ENG ON TORNADO

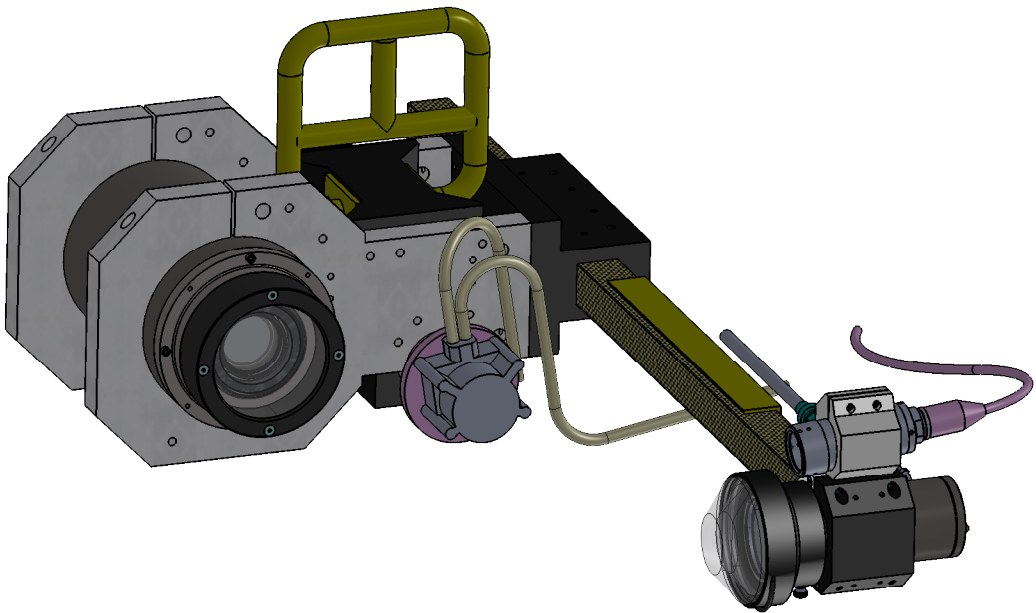
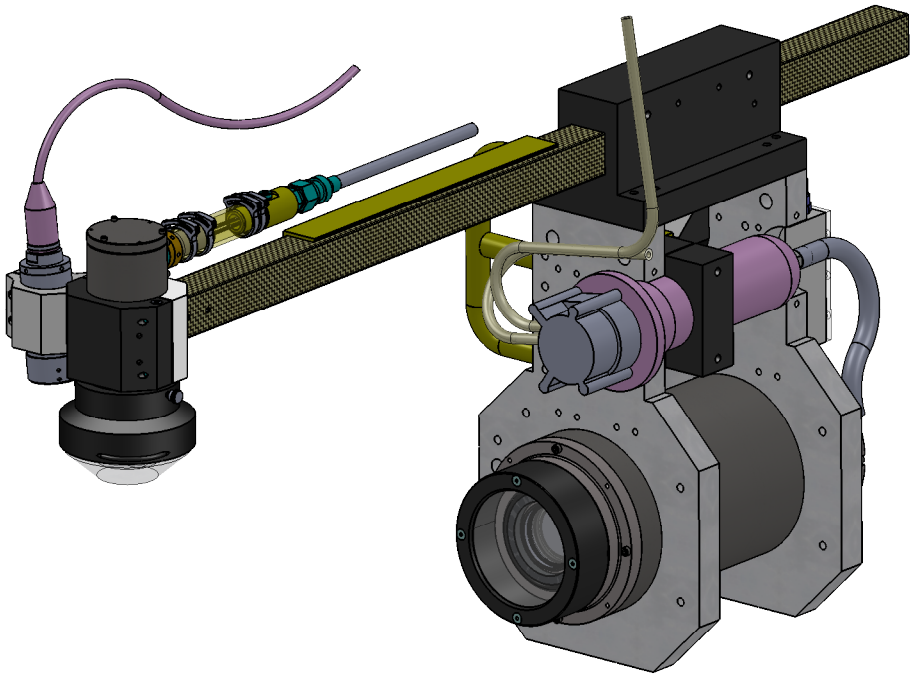
SHEET 2 OF 3

7. PROJECT LIBRARY:\901506 DeepPIV\ME Drawings\LaserAssembly_V4.0-Coherent

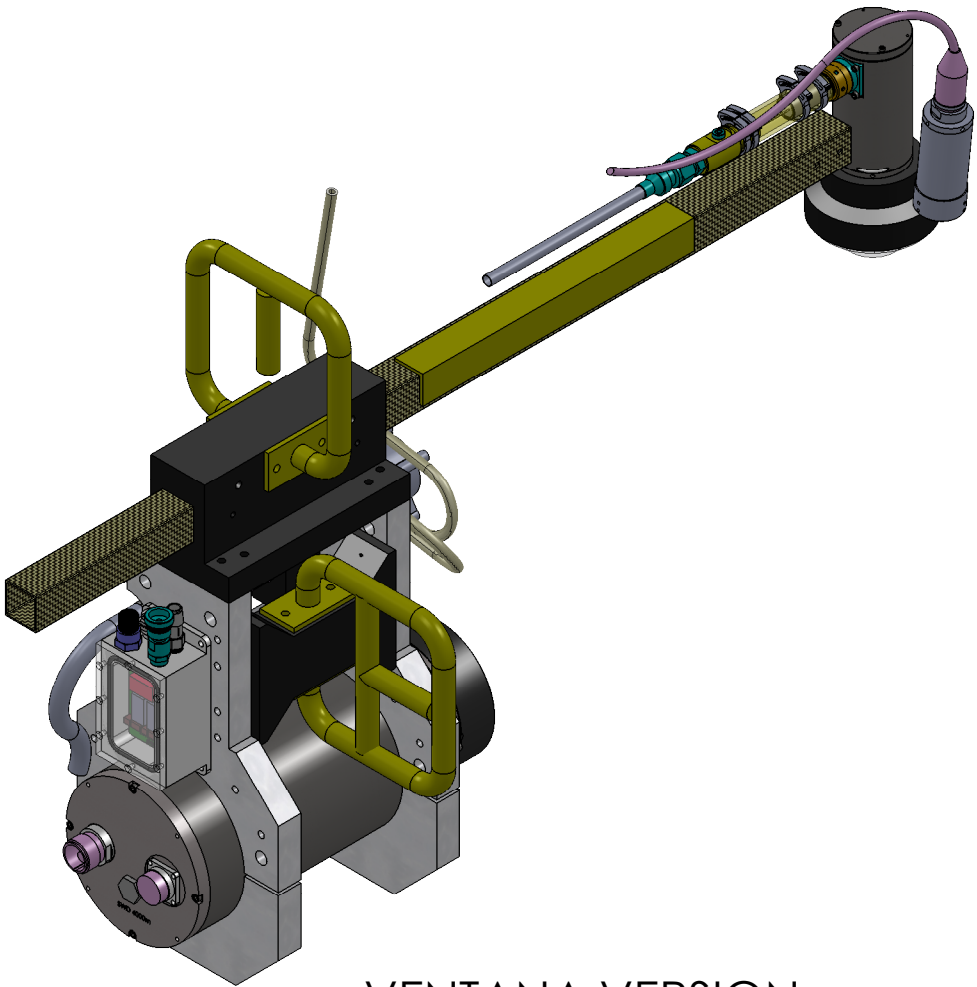
NOTES: (CONT. FROM TITLE BLOCK)

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	X/XX/00	J.E.



RICKETTS VERSION



VENTANA VERSION

7. PROJECT LIBRARY:\901506 DeepPIV\ME Drawings\LaserAssembly_V4.0-Coherent
NOTES: (CONT. FROM TITLE BLOCK)

BILL OF MATERIALS									
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS	DATE	Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN J. ERICKSON			
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .0150-.030. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE.				ENGINEER J. ERICKSON			
Engineer						CHECKED			
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO. 901506		PIV LASER ASSEMBLY_V4.0 PIV ROV Assembly V4.1_marko A-201901-19.DWG	
						PROJECT PIV			
Application		DO NOT SCALE DRAWING				WEIGHT 42.429 lb.			
						SCALE 1:24	CAD FILE: MECH ENG ON TORNADO	SHEET 3 OF 3	