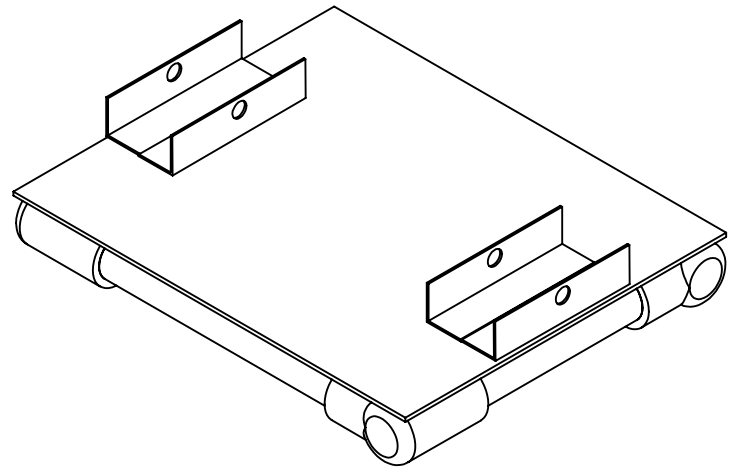
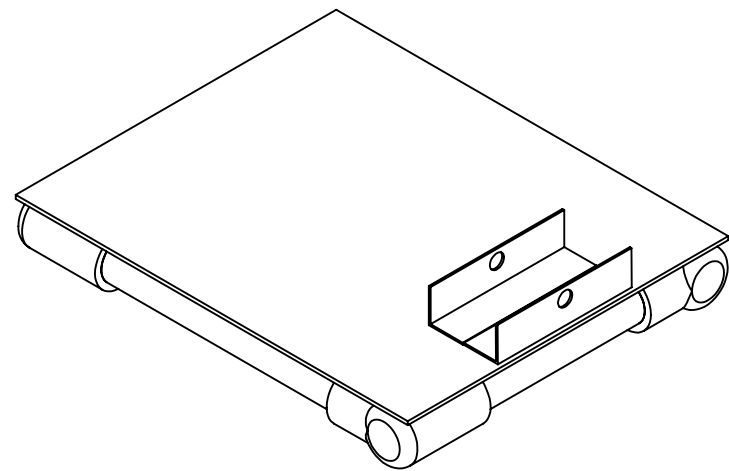


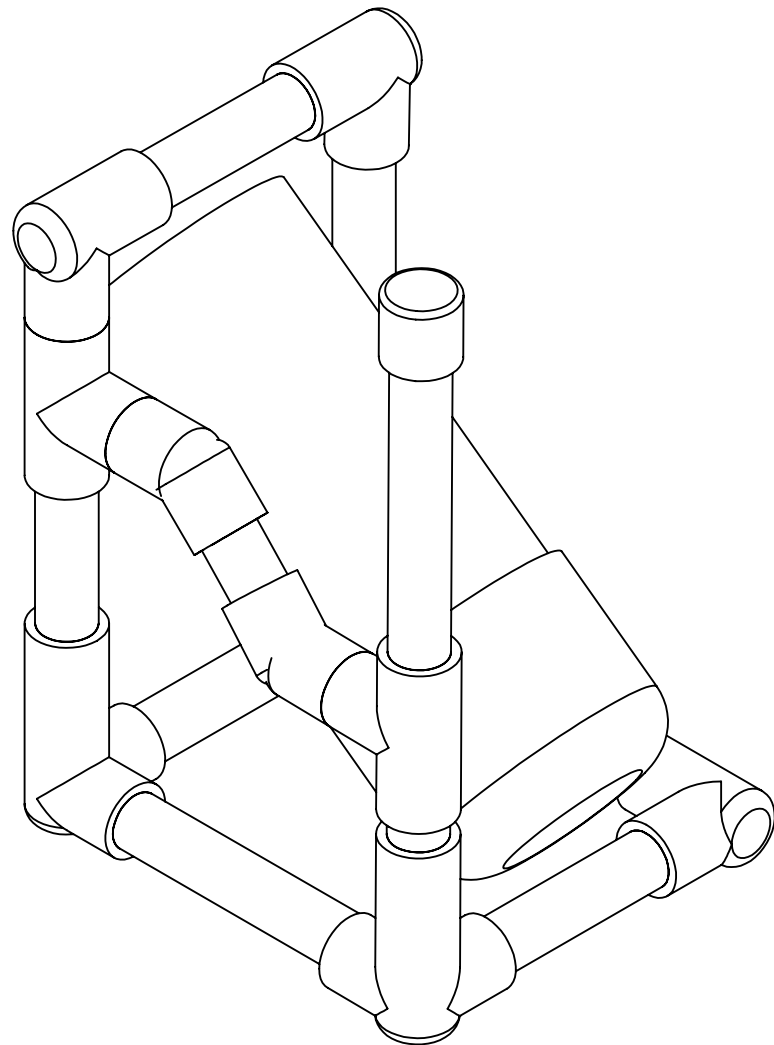
EXPLORER platform



RANGER platform



High rate hydrophone



Task #1: Resurrect HUGO

Platforms:

Platforms are approximately 23cm long, 19cm wide, and 3cm high. The EXPLORER platform has two locking mechanisms while the RANGER platform has one locking mechanism. Holes in the locking mechanism will line up with holes in the high rate hydrophone.

High rate hydrophone:

The high rate hydrophone is constructed out of 3-inch pipe and a 3-inch end cap. The hydrophone is 23cm long.

A protective framework of 1/2-inch PVC is fitted around the inner section of the high rate hydrophone. The frame is 19cm long, 16cm wide, and 28cm tall.

A five meter length of 1/8-inch polypropylene rope attaches the high rate hydrophone to the connector.

The EXPLORER class high rate hydrophone weighs less than 2.5 Newtons in water.

The RANGER class high rate hydrophone weighs less than 1.5 Newtons in water.

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	MATE Center			
		DIMENSIONS ARE IN CM TOLERANCES: FRACTIONAL ± MATT WAS HERE TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±		DRAWN				TITLE: High rate hydrophone	
		INTERPRET GEOMETRIC TOLERANCING PER:		CHECKED		SIZE	DWG. NO.		
		MATERIAL		ENG APPR.		B			
NEXT ASSY		USED ON		MFG APPR.		SCALE: 1:5		WEIGHT:	SHEET 1 OF 1
APPLICATION		DO NOT SCALE DRAWING		Q.A.					
				COMMENTS:					