					2025 MATE ROV Competition			
MATE R				ROV	UN Decade of the Ocean, MATE Year of the Great Lakes			
	CC	M	PET	TITION	INITIAL SAFETY AND DOCUMENTATION REVIEW			
					PIONEER			
Company Number				ber:	Competition Class: PIONEER			
Company Nam				ne:	ludge:			
Decumentation S				hmission				
Documentation submission						vention, or is not a PDF		
	file.							
	1	0		Technical I	Documentation			
1 0				Company Spec Sheet				
1 0				SID(s)	SiD(s)			
1 0 Company Safety Review				Company S	batety Review			
1 0 JSEA				JSEA	verice Design specifications			
		-		0				
		Score	è	0	Weighting Value: 0.333333	0		
ROV								
RO								
	1	0		ROV SID is	1 page in length and drawn with CAD (is not hand drawn)			
	1	0		ROV SID sh	iows a fuse and fuse uses a proper IEC, NEMA, or ANSI symbol			
	1	0		ROV SID IN	a higher level interconnection diagram, not a component level electrical schematic			
RO	/ Safe	ety (C	omp	any Safety	Review - photos are required of each system)			
				If using 48	volts, the ROV uses Anderson SBS-50 connectors and has a properly sized Littelfuse within 30 cm	. If		
1 0 using 12 volts, the ROV uses red/black Anderson connectors and has a properly sized ATO or mini blade fuse within 30 cr					e within 30 cm.			
	1 0 Company safety review includes full load amps value and fuse selection							
	1	0		AC and DC	ntrol box/console is neatly laid out and does not have exposed wiring.			
	1	0	0 ROV has adequate ROV-side strain relief and pressure housings can withstand denth					
	1	0		All propell	propellers are properly shrouded and protected to IP-20 standards.			
	1 0 There are no sharp edges or dangersous components seen on the ROV.							
		Scor		0	Weighting Volue: 1 636364	0		
	d Des	30010			Weighting value. 1.000004	0		
If fluid nower is used enter a 1 in the box								
0 If fluid power is NOT used, enter a 0 in the box.								
Fluid power SID								
	1	0		Fluid powe	er SID 1 page in length, drawn with CAD (is not hand drawn), and uses industry standard symbols			
		# of V	6	0	Weighting Values	0		
Ner			3	Fleet		0		
In a float is huilt and desumented enter a 1 in the here								
	0 If a float is NOT built and documented, enter a 0 in the box.							
Nor	Non-ROV Device SID (vertical profiling float)							
	1	0		Non-ROV-	Device SID shows a fuse using a standard fuse symbol and includes full load amps value and fuse	selection		
Non-ROV device design documents (vertical profiling float)								
				A photo or ulagram of the non-KOV devices is included. The type of hattery used is described. A photo of the battery back and a photo of the fuse(s) is included.				
1 0				A table of the measurements showing full load current is included				
1	1 0			How the battery pack was designed to safely fulfill the full load current needs and voltage requirements is described				
1 0				The buoyancy engine / mechanism used for completing vertical profiles is described				
1	1	0	l ,	How the fl	oat communicates with the shore side receiver is described			
1	_ ,	# of V	s	0	Weighting Value 0	0		
\vdash	'		5		weißnung aurori	U U		
TOTAL POINTS:		TS:		0				