	Mitigation Strategy	Successful?
Recovery of instrumentation		
Iceberg capsize: loss of	Site selection (iceberg): stable water line	Yes
instrumentation		
	Site selection (iceberg): stable water line	Yes
slip/loss of instrumentation		
	Site selection (iceberg): minimal undercutting at water line, no big cracks visible, or obvious	Yes
	ocations of weakness that would result in a sizable change in the center of mass location	
	Site selection (bathymetry): prior to the field campaign, track the movement and preferred	Yes
	fjord locations of all prospective large icebergs. Exclude any that are near shallow regions in	
	the fjord bathymetry (using bathymetric map).	
	Site selection (fjord): minimize the possibility of the iceberg traveling beyond the fjord, where	Yes
	wave erosion is high. Consider only icebergs in the upper part of the fjord during the	
	deployment period. Use prior variability in location to exclude quickly transiting icebergs.	Vos
	Site selection (fjord): minimize the possibility of the iceberg traveling to the open ocean, where winds are greater, poor weather can persist more easily, and wave action can rock the	Yes
	ceberg more freely. Consider only icebergs in the upper part of the fjord during the	
	deployment period. Use prior variability in location to exclude quickly transiting icebergs.	
	Site selection (iceberg): minimize the possibility of tail clip by selecting an iceberg with	Yes
	relatively flat surface topography	163
	Instrumentation: install an expendable GPS adjacent to the ApRES system, relaying hourly	Yes
_	position to an online server. Coordinate communication with team members able to access	. 55
	the internet and relay positions to the field team.	
Data processing and interpretation		
Instrument slip: inconsistent Ir	installation (set up): securing antennas to icebergs via climbing slings and 10" ice screws	Partially
survey		
Surface melt/Meltwater Si	Site selection (iceberg): deploying ApRES system on a local topographic high of the iceberg to	Partially
pooling e	enable meltwater to flow away from the system	
Ir	nstallation (set up): Mount antennas on wooden 2x2s to decrease the heat capacity of the	
	material in contact with the ice, to minimize melting in of the antennas and meltwater pooling	
_	Site selection (fjord): minimize the possibility of the iceberg traveling to the open ocean or	Yes
	becoming grounded by increasing the travel distance to the ocean and avoiding icebergs near	
	shallow fjord bathymetry	
different environments (out of		
fjord, wave erosion)	City and asting (tanks and a stanks are with a stanks at the stanks are stanks at the	D- whi II
	Site selection (iceberg): select iceberg with rectangular surface geometry and seemingly	Partially
	straight/ perpendicular sidewall geometry (no subsurface foot visible)	
	Installation (location): Install ApRES off-center, to maximize the potential of individual sidewall and basal returns	
	Instrumentation: Secure the car battery within a thermally insulated and waterproof	Yes
,	enclosure, affixing it to the iceberg using a climbing sling and ice screw.	162
Validation of findings by independe		
Lack of independent validation Instrumentation: ensure equipment is operational for on-iceberg and ship-based independent Yes		
-	measurements (geodetic GPS, drone, multibeam sonar, and CTD)	163
	Site selection (fjord): deploy system on iceberg with ship accessibility, ensuring the ship can	Yes
_	sail to the iceberg (distance) and complete a circumnavigation survey (minimal-no adjacent	20
-	cebergs/sea ice)	