

R/V Point Sur Pre-Cruise Questionnaire

Please fill this out and return it to marinetech@lumcon.edu and pointsur@lumcon.edu at least 40 days prior to your cruise to ensure that all of your technical needs can be met.

BASIC INFO

Cruise ID:	
Submitter's Name:	
Phone:	
Cruise Departure Date & Time (mm/dd/yyyy HH:MM):	
Cruise Return Date & Time (mm/dd/yyyy HH:MM):	
Purpose of Cruise:	
Cruise P.I.:	
Cruise P.I.'s Email:	
Minimum time required for loading/unloading:	
Number in scientific party:	
Food preferences (If vegetarian, specify if cheese, fish, chicken, etc. is ok):	
Funding Agency:	
Individual responsible for any additional costs:	

EQUIPMENT: PLEASE SPECIFY "YES" (you need this equipment onboard during the cruise) OR "NO" AS APPROPRIATE

SMALL BOATS

Inflatable outboard	
total number of planned small boat use hours	

SPECIAL POWER REQUIREMENTS

Voltage	
Power Requirement	
Location, i.e. back deck, 01 deck, etc.	

SEAWATER

Volume, pressure, location of outlet, back deck, etc.	
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VANS

Lab VAN 8'X20' 110volt, Air Condition, running water, hepa-filter air, small refridgerator, small freezer	
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EQUIPMENT CONTINUED: PLEASE SPECIFY "YES" (you need this equipment onboard during the cruise) OR "NO" AS APPROPRIATE

DIVING	
Dive Compressor (Bauer Model K14BP-E3 High Pressure Breathing Air Compressor)	
Sonotronics Diver Beacon	

TECHNICAL SERVICES	
<p>The scientific party is responsible for providing personnel for all overboard deployment and retrieval of all science gear (at least 2 able-bodied individuals for each 12-hour watch). The ship will provide 1 person for each watch to run the necessary deck equipment for all over-the-side operations. Do you require an additional Technician (the Chief Scientist is responsible for costs associated with providing an extra Technician)?</p>	
<p>Supplied scientific instrumentation are calibrated according to manufacturer recommendation. Field calibrations are the responsibility of the scientific party. The science party is required to provide a list of MAC addresses for each computer/phone that will be used on the <i>Point Sur's</i> Network before or during mobilization. The marine technician will assist with unique devices.</p>	

UDAS SEAWATER UNDERWAY AND FLOW-THROUGH SYSTEM	
Sea-bird Electronics SBE 21 Thermosalinograph	
Wetlabs Eco Chl-a Fluorometer	
WETLabs Cstar 25-centimeter path length transmissometer	
Knudsen 3260 Echosounder	
METEOROLOGICAL SUITE	
R.M. Young 05103 Wind Monitor	
RM Young Barometric Pressure sensor	
RM Young Temperature and Relative Humidity sensor	
Li-Cor LI-200 Pyronometer	Out for Calibration
Eppley PSP Pyronometer	
Eppley PIR Pyronometer	

CTD/ROSETTE SYSTEM	
Sea-Bird Electronics SBE 911 plus CTD system	
Dual pumped SBE 3plus temperature & SBE 4 conductivity sensors	
Pumped Dissolved Oxygen Sensor, SBE 43	
Second Pumped Dissolved Oxygen Sensor, SBE 43	
Tri-Tech Altimeter	Required
AVAILABLE AUXILIARY EQUIPMENT (Select up to 5)	
Transmissometer, WETLabs Cstar 25-centimeter path length, 6000 m	
Wetlabs Eco Fluorometer, Chlorophyll a, 6000m	
Wetlabs Eco Fluorometer, C-DOM, 6000m	

EQUIPMENT CONTINUED: PLEASE SPECIFY "YES" (you need this equipment onboard during the cruise) OR "NO" AS APPROPRIATE

PAR, Biospherical Instruments QSP-200L, 1000m	
SPAR QSR-2200 Surface PAR	

CTD CAROUSEL WATER SAMPLING	
Seabird SBE32 12 position 12L bottle carousel	

TOWED CTD, Seasciences Acrobat 100m depth	
SBE19 CTD and Auxilary Equip. See list above and confer with Technicians for selection	

ACOUSTIC DOPPLER CURRENT PROFILER (ADCP)	
300 kHz RDI Workhorse 60m nominal range	
75 kHz RDI Ocean Surveyor 600m nominal range	

PHANTOM HD ROV 600m depth	
Specify target depth. Contact Technicians for desired auxilary equip.	

CORING/BOTTOM SAMPLING	
0.1 m2 Gomex type Stainless Steel Box Corers	
Bauma 0.25 m2 Stainless Steel spade footbox corer with 3 boxes	
Benthos Gravity Corer - No core liners are provided, you will have to provide your own liners (3 meter core capability with launch and recovery stand).	
Ponar 9" mud grab	
Ocean Instruments MC-800 Multi-corer Deep Ocean Sediment Sampler	
Alpine Vibracore	

ADDITIONAL INSTRUMENTATION & EQUIPMENT	
Shared Equipment not listed here may be available including profiling sensors. Contact Technicians for more information.	
Barnstead Bpure De-Ionizing type I water purifier (specify volume needed)	
Endeco One Meter ParaVane Wing for towed instrument suites	
Refrigerator space needed in cubic feet	
Freezer space needed in cubic feet	

DRONES	
Do you plan to bring a drone onboard?	

GENERAL INFORMATION	
1. Will you be providing a person to operate the CTD and underway data acquisition?	
2. If you are using the CTD: what is your deepest anticipated cast depth?	
3. If you are coring or using grabs: what is your deepest anticipated cast depth?	
4. If you are using the hydro winch: what is your deepest anticipated cast depth?	
5. Do you require large crane service for heavy equipment loading/unloading? (>8000lbs)	
6. Do you require a RS-232 serial feed from the GPS ? How many? Where?	

7. Will you be bringing hazardous materials and/or chemicals on board? Please list.	

BERTHING PLAN	
UPPER DECK	
	Stateroom #2, Bunk 1
	Stateroom #2, Bunk 2
	Stateroom #4, Bunk 1
	Stateroom #4, Bunk 2
LOWER DECK	
	Stateroom #5, Bunk 1
	Stateroom #5, Bunk 2
	Stateroom #5, Bunk 3
	Stateroom #5, Bunk 4
	Stateroom #6, Bunk 1
	Stateroom #6, Bunk 2
	Stateroom #8, Bunk 1
	Stateroom #8, Bunk 2
	Stateroom #9, Bunk 1
	Stateroom #9, Bunk 2
	Stateroom #10, Bunk 1
	Stateroom #10, Bunk 2

Please use this area to type in your questions or comments and to elaborate on your cruise plan.