



To facilitate long range planning, the NSF is interested in proposals beyond LMG Charter extension date July 2015 with an additional 5 year option. Interested Principal Investigators should submit Research Proposals to NSF Office of Polar Programs, Division Antarctic Sciences. Principal Investigators should submit research proposals to the NSF Office of Polar Programs (OPP), Division of Antarctic Sciences. The Antarctic Research solicitation ([http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5519&org=OPP](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5519&org=OPP)) describes the science programs supported as USAP and how to prepare a proposal. Additional information about the USAP is available on NSF's web site at <http://www.nsf.gov/dir/indes.jsp?org=OPP> and on the U.S. Antarctic Program portal at <http://www.usap.gov/>.

## ARSV LAURENCE M GOULD OPERATING SCHEDULE

October 24 2011

General Information: Maximum cabin berthing is 28 including RPSC staff. In addition, two berthing vans will be available to provide additional passenger space as needed. These will increase the berthing limit on transits to Palmer Station to a total of 37. Grantees should plan to board the ship the night before the scheduled departure date, and to depart the ship the day the ship returns to port. Port calls generally require five days. This can sometimes be reduced to four days to meet mission-critical requirements. Ship schedules are subject to change. Opportunities exist on oceanic transits for collection of underway scientific measurements as well. Please contact Dan Herlihy, Manager, Marine Science Operations with questions or comments regarding either. This schedule incorporates changes to the previously published schedule published Sept 28, 2011

### Arrival Departure Key

COP=Copacabana Field Camp	PAL=Palmer Station	PUQ=Punta Arenas, Chile	Available
DEC= Deception Island	PAN=Panama Canal	SHF=Cape Shirreff	Bunks 13-22
FCH=Fourchon, LA	JRI=James Ross Island	TAL=Talcahuano, Chile	4-12
KGI=King George Island	PTH=Port Hueneme, CA	VER=Vernadsky Station	1-9
LIV=Livingston Island	SEY=Seymour Island	PNT=Puerto Natales	0-3

CRUISE/PROJECT	DATES	ARR/DEP	COMMENTS	R/V	BV
<b>PUQ Port Call 5 days</b>				<b>5</b>	
LMG11-09 Palmer Station Opening	7-Oct-11 11-Oct-11 12-Oct-11	LV:PUQ AR: COPA LV: COPA	XBT/pCO2 Survey SB Open COPA	19	
COPA POC:Evans MPC:Hutt	13-Oct-11 20-Oct-11 25-Oct-11	AR:PAL LV:PAL AR:PUQ	PAL  5 day return for safety and weight		
<b>PUQ Port Call 8 days</b>				<b>8</b>	
LMG11-10 Cape Shirreff Opening Bucklin B-285-L Warren B-393-L	2-Nov-11 5-Nov-11 6-Nov-11 8-Nov-11 10-Nov-11 26-Nov-11	LV:PUQ AR: SHF LV:SHF AR:PAL LV:PAL AR:PAL	XBT/pCO2 Survey SB Open Cape Shirreff Salp Collection while transiting SB PAL Cargo 2days	30	
POC:Evans MPC:J Jackson	27-Nov-11 1-Dec-11	LV:PAL AR:PUQ			
<b>PUQ Port Call 4 days</b>				<b>4</b>	
LMG11-11 LTER Site Review	5-Dec-11 9-Dec-11	LV:PUQ AR:PAL	LTER Site Review	15	
POC:Pohlman MPC:Baker	13-Dec-11 19-Dec-11	LV:PAL AR:PUQ	3 full days on station Naveen Work NB (2 days)		
<b>PUQ Port Call 5 days</b>				<b>5</b>	
LMG11-12 LTER Cargo Onload	24-Dec-11	PUQ	Load LTER cargo	5	
POC:Kluckhohn MPC:Baker/Alesandrini	28-Dec-11	PUQ			

CRUISE/PROJECT	DATES	ARR/DEP	COMMENTS		R/V	BV
<b>2012 Calendar Season</b>						
LMG12-01 LTER Ducklow B-045-L O-405-L,B-020-L,B-019-L,B-013-L B-021-L  POC:Pohlman MPC:Alesandrini	29-Dec-11 2-Jan-12  2-Feb-12 7-Feb-12	LV:PUQ AR:PAL  LV:PAL AR:PUQ	XBT/pCO2 Survey SB Western Peninsula LTER cruise	41		
<b>PUQ Port Call 5 days</b>				<b>5</b>		
LMG12-02 Bockheim G-239-E Lazarra O-283 POC:TBD MPC:Johnson	12-Feb-12 17-Feb-12 5-Mar-12 8-Mar-12 12-Mar-12	LV:PUQ AR: PAL LV PAL AR/LV FC PUQ	Bockheim recon, SB Close COPA/Shirreff Hugo Island AWS Bockheim Field Camp NB (Location TBD)	30		
<b>PUQ Port Call 5 days</b>				<b>5</b>		
LMG12-03 Detrich B-037-L Postelthwait POC:Jackson MPC:Baker	17-Mar-12 22-Mar-12 29-Mar-12 30-Mar-12 4-Apr-12	LV:PUQ AR:PAL LV:PAL AR/LV FC AR:PUQ	XBT/pCO2 Survey SB Palmer Sta Detrich fishing SB Pick up Bockheim Camp on NB	19		
<b>PUQ Port Call 4 days</b>				<b>4</b>		
LMG12-04 Detrich B-037-L/Grim B-038-L Postelthwait POC:Jackson MPC:TBD	8-Apr-12 13-Apr-12  24-Apr-12 28-Apr-12	LV:PUQ AR:PAL  LV:PAL AR:PUQ	Detrich fishing SB Palmer Station Winter Turnover #2	21		
<b>PUQ Port Call 4 days</b>				<b>4</b>		
LMG12-05 Detrich B-037-L Postelthwait POC:Jackson MPC:TBD	2-May-12 7-May-12  27-May-12 30-May-12	LV:PUQ AR:PAL  LV:PAL AR:PUQ	XBT/pCO2 Survey SB Detrich fishing SB Cruise track and science TBD	29		
<b>PUQ Port Call 7 days</b>				<b>7</b>		
LMG12-06 Haz Waste Pickup Detrich B-037-L POC:Kluckhohn MPC:TBD	6-Jun-12 11-Jun-12  21-Jun-12 25-Jun-12	LV:PUQ AR:PAL  LV:PAL AR:PUQ	XBT/pCO2 Survey SB Five Containers for HAZ 10 days at Palmer Station	20		
<b>PUQ Port Call 3 days</b>				<b>3</b>		
LMG12-07 Transit to Pt. Hueneme  POC:Kluckhohn MPC:TBD	28-Jun-12   24-Jul-12	LV:PUQ   AR:PTH	Transit Labs available	27		
<b>PTH Port Call</b>						
LMG12-08 PTH Cargo  POC:Kluckhohn MPC:TBD	24-Jul-12 25-Jul-12  9-Aug-12 13-Aug-12	PTH AR:drydock  LV:drydock PTH	LMG Dry Dock COI Renewal	21		
<b>PUQ Port Call 5 days</b>				<b>5</b>		
LMG12-09 Transit to Punta Arenas  POC:Kluckhohn MPC:TBD	18-Aug-12   15-Sep-12	LV:PTH   AR:PUQ	Transit Labs available	29		

CRUISE/PROJECT	DATES	ARR/DEP	COMMENTS		R/V	BV
<b>PUQ Port Call 5 days</b>				5		
LMG12-10 Palmer Station Opening	20-Sep-12 24-Sep-12	LV:PUQ AR:PAL	XBT/pCO2 Survey SB Palmer Station fueling 10 days on Station for Turnover	19		
POC:Kluckhohn MPC:TBD	4-Oct-12 8-Oct-12	LV:PAL AR:PUQ				
<b>PUQ Port Call 5 days</b>				5		
LMG12-11 Palmer Station Opening	13-Oct-12 18-Oct-12	LV:PUQ AR:PAL	XBT/pCO2 Survey SB	17		
POC:Kluckhohn MPC:TBD	25-Oct-12 29-Oct-12	LV:PAL AR:PUQ				
<b>PUQ Port Call 5 days</b>				5		
LMG12-12 Open Period	3-Nov-12	PUQ	Open Period	47		
POC:Kluckhohn MPC:Baker	19-Dec-12	PUQ				
<b>PUQ Port Call 5 days</b>				5		
LMG12-13 LTER Cargo	24-Dec-12	PUQ	Load LTER cargo	6		
POC:Kluckhohn MPC: Baker	29-Dec-12	PUQ				
<b>2013 Calendar Season</b>						
LMG13-01 LTER Ducklow B-045-L B-114-L,B-020-L,B-019-L,B-013-L	30-Dec-12 3-Jan-13	LV:PUQ AR:PAL	XBT/pCO2 Survey SB Western Peninsula Palmer Station dates are approximate	40		
POC:Pohlman MPC:TBD	3-Feb-13 7-Feb-13	LV:PAL AR:PUQ				
<b>PUQ Port Call 5 days</b>				5		
LMG13-02 Open Period	12-Feb-13	PUQ	Open Period	22		
POC:Kluckhohn MPC:TBD	5-Mar-13	PUQ				
<b>PUQ Port Call 5 days</b>				5		
LMG13-03 Postelthwait	10-Mar-13 14-Mar-13	LV:PUQ AR:PAL	XBT/pCO2 Survey SB Palmer station pax	29		
POC:Kluckhohn MPC:TBD	3-Apr-13 7-Apr-13	LV:PAL AR:PUQ				
<b>PUQ Port Call 5 days</b>				5		
LMG13-04 Bockheim G-239-E O'Brien B-036 Postelthwait	12-Apr-13 16-Apr-13	LV:PUQ AR:PAL	XBT/pCO2 Survey SB Cruise track and science TBD Palmer station pax	23		
POC:Jackson MPC:TBD	30-Apr-13 4-May-13	LV:PAL AR:PUQ				
<b>PUQ Port Call 5 days</b>				5		
LMG13-05 O'Brien B-036	9-May-13 13-May-13	LV:PUQ AR:PAL	XBT/pCO2 Survey SB Cruise track and science TBD Palmer station pax	15		
POC:Jackson MPC:TBD	19-May-13 23-May-13	LV:PAL AR:PUQ				

CRUISE/PROJECT	DATES	ARR/DEP	COMMENTS		R/V	BV
<b>PUQ Port Call 5 days</b>				<b>5</b>		
LMG13-06 O'Brien B-036 Postelthwait POC:Kluckhohn MPC: TBD	28-May-13   1-Jul-13	LV:PUQ   AR:PUQ	fishing	35		
<b>PUQ Port Call 5 days</b>				<b>5</b>		
LMG13-07 Open Period  POC:Kluckhohn MPC:TBD	6-Jul-13   8-Sep-13	PUQ   PUQ	Open Period	64		
<b>PUQ Port Call 5 days</b>				<b>5</b>		
LMG13-08 Palmer Station Opening  POC:Kluckhohn MPC: TBD	13-Sep-13 17-Sep-13  26-Sep-13 30-Sep-13	LV:PUQ AR:PAL  LV:PAL AR:PUQ	XBT/pCO2 Survey SB Palmer Station fueling	18		
<b>PUQ Port Call 5 days</b>				<b>5</b>		
LMG13-09 Palmer Station Opening  POC:Kluckhohn MPC:TBD	5-Oct-13 13-Oct-13  18-Oct-13 22-Oct-13	LV:PUQ AR:PAL  LV:PAL AR:PUQ	XBT/pCO2 Survey SB	18		
<b>PUQ Port Call 5 days</b>				<b>5</b>		
LMG13-10 Open Period  POC:Kluckhohn MPC:Baker	27-Oct-13   19-Dec-13	LV:PUQ   AR:PUQ	Open Period	54		
<b>PUQ Port Call 5 days</b>				<b>5</b>		
LMG13-11 LTER Cargo  POC:Kluckhohn MPC: Baker	24-Dec-13   29-Dec-13	PUQ   PUQ	Load LTER cargo	6		
<b>2014 Calendar Season</b>						
LMG14-01 LTER Ducklow B-045-L B-114-L,B-020-L,B-019-L,B-013-L  POC:Pohlman MPC:TBD	30-Dec-13 3-Jan-14  3-Feb-14 7-Feb-14	LV:PUQ AR:PAL  LV:PAL AR:PUQ	XBT/pCO2 Survey SB Western Peninsula Palmer Station dates are approximate	40		
<b>PUQ Port Call 7 days</b>				<b>7</b>		
LMG14-02 Open Period  POC:Kluckhohn MPC:TBD	14-Feb-14   15-Mar-14	PUQ   PUQ	Open Period	30		
<b>PUQ Port Call 5 days</b>				<b>5</b>		
LMG14-03 Palmer Station Turnover  POC:Kluckhohn MPC:TBD	20-Mar-14 24-Mar-14  29-Mar-14 2-Apr-14	LV:PUQ AR:PAL  LV:PAL AR:PUQ	Palmer station pax 5 days at Palmer Station	14		

CRUISE/PROJECT	DATES	ARR/DEP	COMMENTS		R/V	BV
<b>PUQ Port Call 5 days</b>				<b>5</b>		
LMG14-04 Palmer Station Turnover	7-Apr-14 11-Apr-14	LV:PUQ AR:PAL	Palmer station pax 5 days at Palmer Station	14		
POC:Kluckhohn MPC:TBD	16-Apr-14 20-Apr-14	LV:PAL AR:PUQ				
<b>PUQ Port Call 5 days</b>				<b>5</b>		
LMG14-05 Open Period	25-Apr-14	PUQ		19		
POC:Kluckhohn MPC:TBD	13-May-14	PUQ				
<b>PUQ Port Call 5 days</b>				<b>5</b>		
LMG14-06 Haz Waste Pickup	18-May-14 22-May-14	LV:PUQ AR:PAL	XBT/pCO2 Survey SB 10 days haz waste transfer	19		
POC:Kluckhohn MPC:TBD	1-Jun-14 5-Jun-14	LV:PAL AR:PUQ				
<b>PUQ Port Call 5 days</b>				<b>5</b>		
LMG14-07 Haz Waste Run	10-Jun-14	LV:PUQ	Transit Labs available	30		
POC:Kluckhohn MPC:TBD	9-Jul-14	AR:PTH				
<b>PUQ Port Call 5 days</b>				<b>5</b>		
LMG14-08 PTH Cargo	14-Jul-14	PTH	LMG Maintenance PTH Cargo Fuel & Lubes	21		
POC:Kluckhohn MPC:TBD	3-Aug-14	PTH				
<b>PUQ Port Call 5 days</b>				<b>5</b>		
LMG14-09 Transit to Punta Arenas	8-Aug-14	LV:PTH	Transit Labs available	30		
POC:Kluckhohn MPC:TBD	6-Sep-14	AR:PUQ				
<b>PUQ Port Call 7 days</b>				<b>7</b>		
LMG14-10 Palmer Station Opening	13-Sep-14 17-Sep-14	LV:PUQ AR:PAL	XBT/pCO2 Survey SB  10 days on Station for Turnover Palmer Station fueling	19		
POC:Kluckhohn MPC:TBD	27-Sep-14 1-Oct-14	LV:PAL AR:PUQ				
<b>PUQ Port Call 5 days</b>				<b>5</b>		
LMG14-11 Palmer Station Opening	6-Oct-14 13-Oct-14	LV:PUQ AR:PAL	XBT/pCO2 Survey SB	17		
POC:Kluckhohn MPC:TBD	18-Oct-14 22-Oct-14	LV:PAL AR:PUQ				
<b>PUQ Port Call 5 days</b>				<b>5</b>		
LMG14-12 Open Period	27-Oct-14	PUQ		54		
POC:Kluckhohn MPC:Baker	19-Dec-14	PUQ				

CRUISE/PROJECT	DATES	ARR/DEP	COMMENTS		R/V	BV
<b>PUQ Port Call 5 days</b>				5		
LMG14-13 LTER Cargo	24-Dec-14	PUQ	Load LTER cargo	6		
POC: Kluckhohn MPC: Baker	29-Dec-14	PUQ				
<b>2015 Calendar Season</b>						
LMG15-01 LTER Ducklow B-045-L B-114-L, B-020-L, B-019-L, B-013-L	30-Dec-14 3-Jan-15	LV:PUQ AR:PAL	XBT/pCO2 Survey SB Western Peninsula Palmer Station dates are approximate	40		
POC: Pohlman MPC: TBD	3-Feb-15 7-Feb-15	LV:PAL AR:PUQ				
<b>PUQ Port Call 7 days</b>				7		
LMG15-02 Open Period	14-Feb-15	PUQ		30		
POC: Kluckhohn MPC: TBD	15-Mar-15	PUQ				
<b>PUQ Port Call 5 days</b>				5		
LMG15-03 Palmer Station Turnover	20-Mar-15 24-Mar-15	LV:PUQ AR:PAL	Fueling Palmer Station Palmer Station Logistics	14		
POC: Kluckhohn MPC: TBD	29-Mar-15 2-Apr-15	LV:PUQ AR:PUQ				
<b>PUQ Port Call 5 days</b>				5		
LMG15-04 Palmer Station Turnover	7-Apr-15 11-Apr-15	LV:PUQ AR:PAL	Available for Science Palmer Station Logistics	14		
POC: Kluckhohn MPC: TBD	16-Apr-15 20-Apr-15	LV:PUQ AR:PUQ				
<b>PUQ Port Call 5 days</b>				5		
LMG15-05 Open Period	25-Apr-15	PUQ	Open Period			
<p><b>KEY:</b> Two colors represent total berthing capacity of LMG. The first column labeled (R/V) represents the 28 science bunks available on the ship. The second column represents the 9 transport bunks available in the berthing vans (B/V). The colors represent availability: Green=13-22 bunks; Yellow=10-12 bunks; Red=fully subscribed 0-3 bunks; Purple=availability in berthing vans. Hash marks=cruise proposals that are under review. Data in these rows will be reviewed and revised by POC prior to publication.</p>						