Table 1. Primary work sites for Summer 2012 expedition of the R/V *Thomas G. Thompson* and the ROV *Jason II* (OCE 1031808, Fisher et al.). Clearance should be requested for a 0.5 nmi radius around each CORK.

Location ID	Latitude	Longitude	Water depth (m)	Days/dives on site	Distance to Seattle WA, initial port (nmi)	Distance to Seattle WA, final port (nmi)
CORK 1026B	47°45.759'N	127°45.552'W	2658	1-2	~220	~220
CORK 1027C	47°45.387'N	127°43.867'W	2656	1-2	~218	~218
CORK 1301A	47°45.209'N	127°45.833'W	2658	1-3	~220	~220
CORK 1301B	47°45.229'N	127°45.826'W	2658	1-2	~220	~220
CORK 1362A	47°45.662'N	127°45.674'W	2658	2-4	~220	~220
CORK 1362B	47°45.499'N	127°45.733'W	2658	2-4	~220	~220

Table 2. Summary of tasks to be completed at each of the primary CORKs in Summer 2012 with the R/V *Thomas G. Thompson* and the ROV *Jason II* (OCE 1031808, Fisher et al.).

Location ID	Exchange/ Recover OS [1]	Active fluid/MBIO sampling [2]	Deploy/recover flowmeter [3]	Recover GeoM sled [4]	Download P data [5]
CORK 1026B	Yes-E	???	NA	NA	[Neptune]
CORK 1027C	NA	No	NA	NA	Yes
CORK 1301A	Yes-E	Yes	NA	NA	Yes
CORK 1301B	Yes-R?	No	NA	NA	Yes
CORK 1362A	Yes-E	Yes	Yes-D	NA	Yes
CORK 1362B	Yes-E	Yes	Yes-R	Yes	Yes

NA = not applicable

[1] OS = OsmoSampler. Several different kinds of OsmoSampler systems are to be deployed on and recovered from CORK wellheads (not from downhole). E = exchange. R = recover.

[2] Active sampling means using mechanical pumps to draw fluids from wellheads, or sampling from direct flow from overpressured formations.

[3] Flowmeter deployed on wellhead at Hole 1362B in Summer 2011, will be recovered and deployed at Hole 1362A. D = deploy. R = recover.

[4] GeoMicrobiology sampling sled was left to draw fluids from CORK in Hole 1362B during AT18-07 in Summer 2011.

[5] Pressure and temperature logging systems installed with CORK in Hole 1026B are currently being downloaded automatically with the Neptune Canada cabled network. Hole 1027C was retrofitted with a modern logger, using same ODI connector as other CORKs, during AT18-07 in Summer 2011.

[6] We will attempt to retrofit the older generation of CORK installed in Hole 1027C so that we can monitor pressure using new instrumentation. Depending on success of this operation, and conditions and Jason capabilities at Hole 1301B, we may attempt a similar set of retrofit operations on that CORK as well.

Table 3. Distances between CORK systems (in meters) located at the primary work sites for Summer 2012 expedition with the R/V *Thomas G. Thompson* and the ROV *Jason II* (OCE 1031808, Fisher et al.).

	Hole 1026B	**Hole 362A**	**Hole 1362B**	**Hole 1027C**	**Hole 1301B**	**Hole 1301A**
Hole 1026B		235	532	2199	1039	1076
Hole 1362A	235		311	2296	825	861
Hole 1362B	532	311		2322	514	550
Hole 1027C	2199	2296	2322		2446	2458
Hole 1301B	1039	825	514	2446		36
Hole 1301A	1076	861	550	2458	36	

Table 4. Secondary work sites for Summer 2012 expedition of the R/V Thomas G. Thompson and the ROV Jason II (OCE 1031808, Fisher et al.). Clearance sought from State Department in case all primary tasks are completed and time remains on the schedule.

Location ID	Latitude	Longitude	Water depth (m)	Clearance radius (nmi)
Mama Bare	47°50.0'N	127°45.0'W	2675-2530	2
Papa Bare	47°51.0'N	127°37.0'W	2665-2400	3
Zona Bare	48°11.0'N	127°33.0'W	2580-2500	2
ODP Hole 1024C	47°54.531'N	128°45.005'W	2612	1
ODP Hole 1025C	47° 53.247' N	128° 38.919' W	2606	1