

Table 1. Information on the various SPURS-1 in situ datasets. This table is meant to accompany the SPURS-1 Final in situ Data Submission Report. See the report for more details on each dataset.

*netCDF available?

**Most shipboard measurements were handled by technical staff not under the direction of any specific PI

***Size of netCDF files, *not* unprocessed data.

Cruise	Dataset Name	Responsible Party (institution)	n?*	size (MB)***	type of data	Notes
	Floats	Steve Riser (U. Washington)	y	69	T/S profiles	24 floats. Raw float data include PAL (acoustic rain) and STS (surface temperature and salinity) sensors. netCDF files do not include this information. The netCDF files were downloaded from the Coriolis data server (www.coriolis.eu.org).
	US Salinity drifters	Luca Centurioni (UCSD SIO)	y	83	Along-track temperature and salinity	83 drifters. See Hormann et al. (2014) for QC procedures.
	European Salinity drifters	Gilles Reverdin (L'Ocean)	y	58	Along-track temperature and salinity	24 drifters.
Knorr	TSG (Thermosalinograph)	none**	y	3	Along-track temperature and salinity	
Knorr	ADCP (acoustic doppler current profiler)	none**	y	15, 11, 32	Along-track current profiles	Three different records from different instruments
Knorr	CTD Casts	none**	y	32	T/S profiles	
Knorr	LADCP (lowered ADCP)	Julian Schanze (Earth and Space Research)	n		Station current profiles	We have the profiles, but don't know how to cast

						in netCDF
Knorr	Shipboard meteorology	none**	y		Along-track meteorology	data are included in the TSG record
Knorr	UCTD (underway CTD) Casts	Tom Farrar (WHOI)	y	4	T/S profiles	
Knorr	Ecomapper	Ben Hodges (WHOI) and David Fratantoni (Horizon Marine)	y	3, 0.3	Short-scale T/S surveys	two separate deployments
Knorr	Microstructure (VMP and T-glider)	Lou St. Laurent and Ray Schmitt (WHOI)	n		microstructure profiles	We have not been provided with any of these data
Knorr	Meteorology mast	Jim Edson (U. Connecticut)	n		Along-track meteorology	We have not been provided with any of these data
Thalassa	TSG	none**	y	0.2	Along-track temperature and salinity	
Thalassa	CTD Casts	none**	y	6	T/S profiles	
Thalassa	Surface salinity profiler	Bill Asher and Andy Jessup (U. Washington)	y	19	Short-scale near-surface T/S surveys	
Thalassa	ASIP (air-sea interaction profiler)	Brian Ward (NUI Galway)	n		microstructure profiles	We have not been provided with any of these data
Endeavor-1	TSG	none**	y	12	Along-track temperature and salinity	
Endeavor-1	CTD Casts	none**	y	17	T/S profiles	
Endeavor-1	UCTD Casts	Tom Farrar (WHOI)	y	3.6	T/S profiles	
Endeavor-1	ADCP	none**	y	14, 11, 31	Along-track current profiles	Three different records from different instruments
Endeavor-1	Microstructure	Lou St. Laurent and Ray Schmitt (WHOI)	n		microstructure profiles	We have not been provided with any of

						these data
Endeavor-1	Sea Snake	Julian Schanze (Earth and Space Research)	n		along-track skin surface salinity	We have not been provided with any of these data
Endeavor-1	Shipboard meteorology	none**	y	35	Along-track meteorology (winds, air temp, etc.)	
Endeavor-2	TSG	none**	y	10	Along-track temperature and salinity	
Endeavor-2	CTD Casts	none**	y	3	T/S profiles	
Endeavor-2	Shipboard meteorology	none**	y	26	Along-track meteorology (winds, air temp, etc.)	
Sarmiento	CTD Casts	none**	y	0.9	T/S profiles	
Sarmiento	ADCP	none**	n		Along-track current profiles	We have data from one instrument. Unprocessed data are in RDI proprietary format
Sarmiento	TSG	none**	y	9	Along-track temperature and salinity	
Sarmiento	SeaSoar	Julius Busecke (LDEO Columbia)	y	3	T/S profiles	
Sarmiento	LADCP	Julius Busecke (LDEO Columbia)	n		Station current profiles	We have the profiles, but don't know how to cast in netCDF
Sarmiento	ASIP (air-sea interaction profiler)	Brian Ward (NUI Galway)	n		microstructure profiles	We have not been provided with any of these data
	Seagliders	Charlie Eriksen and Craig Lee (U. Washington)	y	8, 51, 19, 53, 50	autonomous T/S profiles	5 different platforms

	Neutrally buoyant floats	Andrey Shcherbina and Eric d'Asaro (U. Washington)	y	19, 26	mixed-layer T/S profiles	2 different platforms
	Wave Gliders	Ben Hodges (WHOI), David Fratantoni (Horizon Marine)	y	0.6, 0.9, 0.9, 0.8, 0.8, 0.8	Autonomous along-track temperature and salinity	6 different platforms
	Flux Mooring	Tom Farrar (WHOI)	y	53, 0.6, 53, 0.9, 98	Moored temperature and salinity at multiple levels. Surface fluxes and meteorology	We do not as yet have currents which the mooring measured.
	PICO Moorings	Billy Kessler (NOAA/PMEL)	y	26, 11	Time series temperature and salinity profiles from "prawler"	2 moorings. Moorings had meteorology package, but we do not have the data.
	Tenuse Glider	Gilles Reverdin (IFREMER)	y	23	autonomous undulating profiler	Deployed from the Thalassa and recovered by the Knorr
	Crate Glider	Gilles Reverdin (IFREMER)	y	0.5	autonomous undulating profiler	Deployed from and recovered by the Thalassa