

PROPOSED UNOLS STANDARD CRUISE-LEVEL METADATA

DRAFT V1.6a 2008-08-28

SEEDED BY CENTRAL OFFICE

SEEDED FROM R/V PROFILE

ELEMENT	REQUIRED	CONTROLLED VOCABULARY	REPEATABLE	DESCRIPTION	EXAMPLE
1 [CRUISE]					
1.1 CruiseID	Y	Y		may be assigned by operator, or else by central office	HLY0503
1.2 UNOLSID	Y	Y		assigned by UNOLS (maps to multiple versions of cruise plan in central office scheduling system)	USCG_Healy_20050128
1.3 ProjectName				overall project name used by chief scientist	HOTRAX
1.4 ProjectURL				project web page	http://sci.odu.edu/oceanography/research/hotrax/
1.5 LargeProgram		Y		per UNOLS shiptime form (e.g. JGOFS)	
1.6 [PARTNER]			Y	(e.g. 2-ship MCS/OBS project)	
1.6.1 ShipName		Y			Oden
1.6.2 CruiseID		Y		may be unknown or n/a for foreign ships	
1.7 ForeignCountryEEZ		Y	Y	if research performed in foreign waters	NO (Norway)
2 [SHIP]					
2.1 ShipName	Y	Y		ship's name ("painted on the hull")	Healy
2.2 OperatingInstitution	Y	Y		operating institution	USCG
2.3 Country	Y	Y		ship's flag (ISO code)	US (United States)
2.4 ShipID	Y	Y		ICES/SeaDataNet 4-char code if assigned (may change with each new owner) or state req# for smaller ships	NEPP
3 [PERSONNEL]			Y	only persons afloat	
3.1 Name	Y				Darby, Dennis
3.2 Institution	Y	Y			Old Dominion University
3.3 Role	Y	Y			Chief Scientist
3.4 Email	Y				ddarby@odu.edu
4 [PORTS]					
4.1 [START]	Y				
4.1.1 PlaceName	Y	Y			Dutch Harbor, Alaska
4.1.2 Date	Y			arrival (timezone required, hh:mm:ss optional)	2005-08-05 UTC
4.2 [END]	Y				
4.2.1 PlaceName	Y	Y			Tromso, Norway
4.2.2 Date	Y			arrival (timezone required, hh:mm:ss optional)	2005-09-30 UTC
5 [LOCATION]	Y		Y		
5.1 Feature	Y	Y		physiographic feature to be visited	Gakkel Ridge
5.2 Bounds	Y			WESN limits of survey target (POGO standard format)	-180.0/180.0/53.9/90.0
6 [PLATFORM]			Y	anything that carries instruments and/or personnel; may be fixed, tethered, towed, deployed remotely, etc.	
6.1 PlatformType	Y	Y		(e.g. "HOV")	helicopter
6.2 PlatformName	Y			(e.g. "Alvin")	
7 [INSTRUMENTATION]			Y		
7.1 InstrumentType	Y	Y		class and/or subclass of device or system	SONAR:Multibeam
7.2 InstrumentID	Y	Y		serial# if known	
7.3 InstrumentPlatform	Y	Y		"Ship" or other platform to which device is attached	Ship
7.4 InstrumentOwner	Y			ship operator, shared facility (e.g. "NDSF"), or PI institution	USCG
7.5 Vendor	Y	Y		may be manufacturer or reseller	SeaBeam
7.6 Model/Firmware	Y	Y			2112
8 [DATASET]			Y		
8.1 DataType	Y	Y	Y	class and/or subclass of data, may include derived and integrated products	bathymetry, amplitude, backscatter
8.2 InstrumentType	Y	Y		device or system (if original sensor/sample field data)	SONAR:Multibeam
8.3 AccessControl	Y	Y		"Hold" or "Release" requested by PI	Release
8.4 AccessContact	Y				Coakley, Bernard
9 [AWARD]			Y		
9.1 FundingAgency	Y	Y			NSF
9.2 AwardNumber	Y				OPP03-52395
9.3 AwardTitle	Y				Collaborative Research: Trans-Arctic 2005 Expedition for Development of a Pan-Arctic Stratigraphy and Paleoclimate Record
9.4 AwardPI	Y				Darby, Dennis
10 [NARRATIVE]					
10.1 ScienceTheme	Y	Y	Y	per UNOLS shiptime form	Marine Geophysics, Geological Oceanography
10.2 SciencePlan	Y			project plan as written by chief scientist	
10.3 FieldSummary	Y			major events (weather, instruments, stopovers, etc.)	
10.4 DataProcessing				summary of procedures and problems	