

GDAC Post-Cruise Metadata form Platform

Return to GDAC, BODC, Joseph Proudman Building, 6 Brownlow Street, Liverpool, L3 5DA

E-mail: ezm@bodc.ac.uk

Cruise Name: <i>[any identifier (acronyms), Including technical name]</i>		Kh07
Platform Name and type: Research Vessel Professor Khromov (FERHRI) <i>[vessel, mooring, satellite,, towed vehicle,]</i>		
Project: Amur-Okhotsk Project <i>[associated project or program name related to funding]</i>		
Lead Nation: Japan & Russia		
Chief scientist (Lead scientist / Principal Investigator) contact details		
Name: Jun Nishioka	Email: nishioka@lowtem.hokudai.ac.jp	Phone: +81-11-706-7655
Mailing Address: Institute of Low Temperature Sciences, Hokkaido University 19N, W8, Kita-ku, Sapporo-shi, 060-0819, Japan		
Co-Chief scientist contact details: <i>[GEOTRACES point of contact if different from Chief scientist]</i>		
Name:	Email:	Phone:
Mailing Address:		
Cruise Details		
Start Port and Country: Otaru, Japan	Start date: 9 August	
End Port and Country: Otaru, Japan	End Date: 12 September	
Location: <i>[general description of study area; map if possible]</i> Western part of the Sea of Okhotsk, around Kuril strait		
<p style="text-align: center;">2007 cruise – Planned site map</p> <p style="text-align: center;"><small>Please look at a separate sheet for more detailed information around Kuril strait.</small></p>		
Cruise Overview: <i>[proposal abstract]</i>		
<p>The research expedition was carried out on board the R/V " Professor Khromov" in 2007 summer to early autumn. The purpose for the cruise was to quantitatively clarify the physical, chemical and biological processes which occur in the Sea of Okhotsk. This expedition is a collaboration between Far Eastern Regional Hydrometeorological Research Institute (FERHRI), Russia, and the Institute of Low Temperature Sciences, Hokkaido University, Japan. Especially this expedition focused on to sedimentary iron transport processes from northwestern continental shelf of the Sea of Okhotsk to western subarctic Pacific.</p>		

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Intercalibration: *[Scheme to ensure intercalibration of results to GEOTRACES requirements e.g. use of SaFe standards, collaborative sampling. Please provide details of how each element was calibrated to meet the requirements of the GEOTRACES programme]*

Measurement Instrument was calibrated by using Wako iron standard (1000 ppm) (For GFAAS) and SAFe inter-comparison STD

Anticipated list of parameters to be submitted to GDAC: *Key parameters listed please list any other parameters measured and the PI contact*

Trace elements:	Contact for each element (PI); <i>[name and email]</i>	Internationally calibrated (Yes or No)
<input type="checkbox"/> Fe		Yes
Radioactive isotopes:		
Stable isotopes:		
Radiogenic isotopes:		

Other parameters:
Nutrients, Dissolved Oxygen, Chl.a and Hydro-data set (Salinity, Temperature)

List CTD hydrographic parameters *[sensors including make; salinity, temperature, oxygen, nutrients etc]*
CTD-carousel multiple sampler
(SBE-911plus and SBE-32 water sampler, Sea Bird Electronics, Incorporated)

Particles/Aerosols:

List Underway data: *[Met data, navigation hull mounted sensors including make and model]*
No underway measurement

Is there a national data centre: (name and contact) *[If not GDAC should be used]*
Japan Oceanographic data center (JODC)

Other relevant information:

Please advice about which of the four below categories your cruise belongs to:

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2. **Process Studies** (*at least 1 key parameter that is intercalibrated*)

For intercalibration guidelines and criteria look at special IPY-GEOTRACES protocol at:

http://www.geotraces.org/documents/GEOTRACESIPYProtocols-Final_000.pdf

PLEASE ADD MORE INFORMATION AND ADVICE ON EXTRA SHEETS BELOW