

EurOcean\_LEXI



EUROPEAN LARGE EXCHANGEABLE EQUIPMENTS

<b>Infrastructure name</b>	
<b>Code</b>	
<b>Owner/Institution</b>	University of Bergen, Department of Earth Science
<b>Manager</b>	<a href="#">prof Gunn Mangerud</a>
<b>Equipment type</b>	Seismic
<b>System description</b>	Multichannel full operation seismic system
<b>WEB LINK</b>	<a href="http://www.uib.no/geo">http://www.uib.no/geo</a>
<b>WEB LINK TECH SPECS</b>	<a href="http://www.geo.uib.no/eworkshop/">http://www.geo.uib.no/eworkshop/</a>
<b>Vessels normally used</b>	R/V "Haakon Mosby" and R/V "G.O.Sars"
<b>Ship requirements</b>	
<b>Technical requirements</b>	This system does not come with a compressor, Vessel needs to supply these
<b>Power</b>	
Frequency	
Voltage	
Other power requirements	
<b>Hydraulic</b>	
Pressure	
Flow rate	
<b>Compressed air requirements</b>	
High air compressor	R/V "Haakon Mosby", 1 LMF compressor. R/V "G.O.Sars" 2 LMF compressors
Input pressure	
Output pressure	Mosby 200 BAR. Sars 138 BAR
Air volume	Mosby 10,4m <sup>3</sup> /min. Sars 450m <sup>3</sup> /H
R.P.M.	
Cooling sea water	
<b>Vessel GPS Feed or other requirements</b>	
<b>Source definition</b>	
Source structure	
Airguns Types	Bolt 1500LL&1900LL. Soder Ggun
Bolt chamber volumes	1200, 580, 300, 280, 120, 40, 136, 90, 60 cuin
Sleeve chamber volumes	
GGUN-II chamber volumes	250, 150 cuin
<b>Streamer</b>	
Multichannel streamer	Western-Geco Nessie3 - 3 km digital streamer
Streamer winch	Hydraulic winch
Fairlead	
<b>Acquisition System</b>	

	TriAcq 240 channels. Getech - GUNCO - Gun Controller
Positioning system	
Birds/Levellers	11
Compass & Retrievers	
Tailbuoy	1
<b>Number of containers/Items, Footprint Area required</b>	
LMF compressors	
Source structure	
Streamer Winches	1
Acquisition Lab	1
Workshop	2
<b>Deck securing arrangements</b>	
Deck requirements	
<b>Transportation requirements (total weight and number of loads)</b>	
LMF compressors	
Source structure	
Streamer Winches	20 ton
ACquisition Lab	
Workshop	
<b>Mobilisation Details</b>	
Typical Mobilisation duration	2 days
Typical Mobilisation cost	
Typical Demobilisation duration	1 day
Typical Demobilisation cost	
<b>Insurance arrangements</b>	
Own use	
Barter	
Charter	
Co-operation	
Transportation insurance	
<b>Technicians</b>	
Number and type of technicians required to operate system in various scenarios	2 electronics technicians, 2 air gun technicians