

# ***Tiny Tune***

## **Shallow Water Source Vessel**

- ▶ **45' Pontoon barge**
- ▶ **Specially configured for shallow water/TZ operations**
- ▶ **640 in<sup>3</sup> Sleeve Gun Array, 2.5' draft**
- ▶ **Land transportable for inland surveys**



***Exciting the Planet***<sup>SM</sup>

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## SEISMIC SOURCE EQUIPMENT

Seismic Source Array	640 in <sup>3</sup> , 2 sub arrays 320 in <sup>3</sup> 16 I/O Sleeve Guns (40 in <sup>3</sup> )
Output (1500 in <sup>3</sup> , out-128Hz filter)	28.9 bar-m at 3.0m depth, 17.5 bar-m at 1.5m depth
Operating Pressure	2000 psi
Air Compressors	1 x 100 CFM Ingersoll-Rand 6R80-100
Compressor Engine	1 x Detroit Diesel 4-53
Gun Synchronizer	Real Time Systems Longshot

## VESSEL SPECIFICATIONS

Name	M/V Tiny Tune
Function	Shallow Water Source Vessel
Owner	Global Geophysical Services, Inc.
Year	1996/2007
Classification	N/A
Hull Number	N/A
Registration Number	TXZ72864C696
Length	38 ft
Beam	12 ft
Draft	3 ft
Gross Tonnage	NA
Net Tonnage	26 tons
Cruising Speed	8 knots
Cruising Range	100 nautical miles
Endurance	2.0 days
Fuel Capacity	240 gallons
Freshwater Capacity	N/A
Main engines	2 x Suzuki outboard
Propulsion	2 x 3 blade propeller
Total Horsepower	2 x 250 HP
Main Generators	1 x 20 kVA Kubota
Crane	6 airgun booms
Navigation:	
Gyro Compass	Thales 3011
Auto Pilot	N/A
Radar	Furuno NavNet 1833C
Ships Fathometer	Furuno Model LS1600
Communications:	
VHF Crew Radios	Motorola GM300
VHF Marine Radios	SOLARA FCCID AMWUT 860
Firefighting Equipment:	
Extinguishers	2 x 10 lb
Fire Hose	N/A

## SEISMIC NAVIGATION EQUIPMENT

Navigation System:	EIVA - NaviPac
Vessel Navigation / Gyro:	CSI Vector Pro
Source Tracking:	CSI Vector Pro
Survey Fathometer:	Odom - Hydrotrac
Differential Corrections	C&C Technologies - C-NAV