



**HYDROGRAPHIC OFFICE
SARAWAK MARINE DEPARTMENT**

**NOTICE TO MARINERS
(NOTIS PELAUT)**

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BORNEO NORTH WEST COAST

***97/2008 - MURPHY SABAH OIL CO. LTD'S FLUID TRANSFER LINES (FTL) SYSTEM FOR KIKEH FIELD DEEPWATER DEVELOPMENT – POST-LOCATING SURVEY RESULT FOR 44 BOGIES AND 2 FPSO TOWHEAD SKID LAYDOWN IN BINTULU PORT WATER AREA**

The field investigation and measurement was conducted on 11th – 12th April 2008. The Post-Locating survey activity has been carried in 2 phases:

Phase 1: Side Scan Sonar Survey (SSS)

Phase 2: Marine Magnetometer Survey

2. **Details of Equipment Laid Down on the Seabed**

- a. 44 nos. of bogies
- b. 2 nos. FPSO towhead skids
- Water depth at lay down area : 8m – 11m (LAT)

3. **Survey Findings**

Position of all bogies and skids has been located and confirm. The bogies and skids are found to be protruding above the seabed level at the height of between 0.4m – 0.7m in an almost linear location approximately between 2.5km – 4.0km away from the shoreline.

4. **Area (WGS 84 coordinates)**

	Latitude	Longitude
1	03° 19.23' N	113° 05.20'E
2	03° 19.30' N	113° 05.46'E
3	03° 19.99' N	113° 05.28'E
4	03° 19.93' N	113° 05.02'E

5. Mariners are advised to navigate with caution and to update their affected navigation charts accordingly.

Charts : SAR 401 & SAR 402

Source : Murphy Sabah Oil Company Limited

Date : 13th October 2008

"BERKHIDMAT UNTUK NEGARA"

[SARKAWI BIN NUMAN]

For Director of Marine Sarawak