

**Dredging works for cruise  
safety in Dinding's strait,  
Dinding river and Sitiawan  
river**

Start Date: 4th May 2012

Completion Date: 3rd November 2012

# Background

The background of Dinding's strait, Dinding river and Sitiawan river, Perak

- Dinding river flows starting from the east of Sitiawan river and the north of Ayer Tawar river through the town of Lumut and flows into the straits of Malacca. Current speed is between 2-3 knots.
- Latitude: 4°34'20.28" , Longitude: 101°13'49.44"
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- Dinding & Sitiawan river's Activities: Navy Bases, Lumut port, Kencana Fabrication Yard, Boustead Naval Shipyard, Flour Mill Stone Pelican S/B, UMW Fabritech S/B, Industrial Concrete Product S/B the passenger Jetty, Marine Department, Fisheries Department, Jetty (LKIM) Complex, marine police Jetty, NS, private Jetty fishermen.
- Perak State Government has launched the Manjung 2020 Development Plan in February 2012 to support economic growth.
- Manjung district had a population of 239400 people and known as Perak State Maritime City upon its importance over the River, contributing to the development of maritime at its coast.
- This Dredging works is carried out to meet the needs of oil & gas industry, shipbuilding industry/Jacket by Kencana Fabrication Yard and other industries along Dinding and Sitiawan river.



Pulau Pangkor

Pangkor  
Pulau Pangkor

Selat Dinding

Sg. Dinding

TLDM

Lumut Port

Lumut

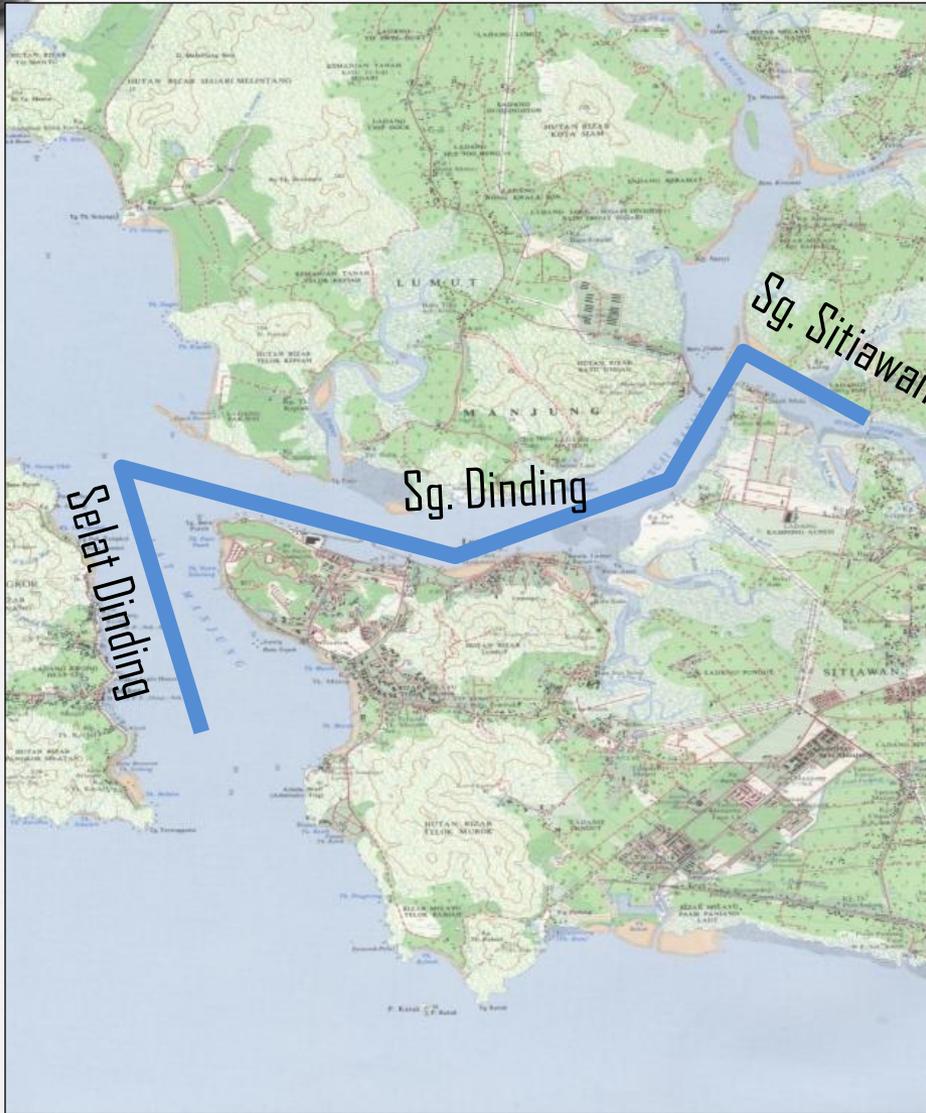
Lumut

Sg. Sitiawan

Jalan Iswanda Sneh

16

100



## Selat Dinding, Sg Dinding dan Sg Sitiawan

Key:- 

Dredging works 21.6 m

# Dredging Plant



Trailing Suction Hopper Dredger



Grab Dredger



Tug Boat towing Split Hopper Barge

# Summary

- Dredging works for Cruise Safety in Dinding's straits, its river and Sitiawan river has given the benefits to local economic development, especially in Perak through the dynamic shipping industry.
- Through this project, the monitoring process of the ship and vessel movement is always safe and the industrial activity along the river can thrive and be able to run smoothly at all time.