

EIA PREPARATION & PUBLIC PARTICIPATION

FROM PETROLEUM SAFETY & ENVIRONMENT DIVISION

15 December 2014

Overview Petroleum Activities

Concession blocks from The 21st bidding Round

Decommissioning



Exploration Activities

Production & sale



- SEM Report

Seismic survey

- EIA for Production
- Production area

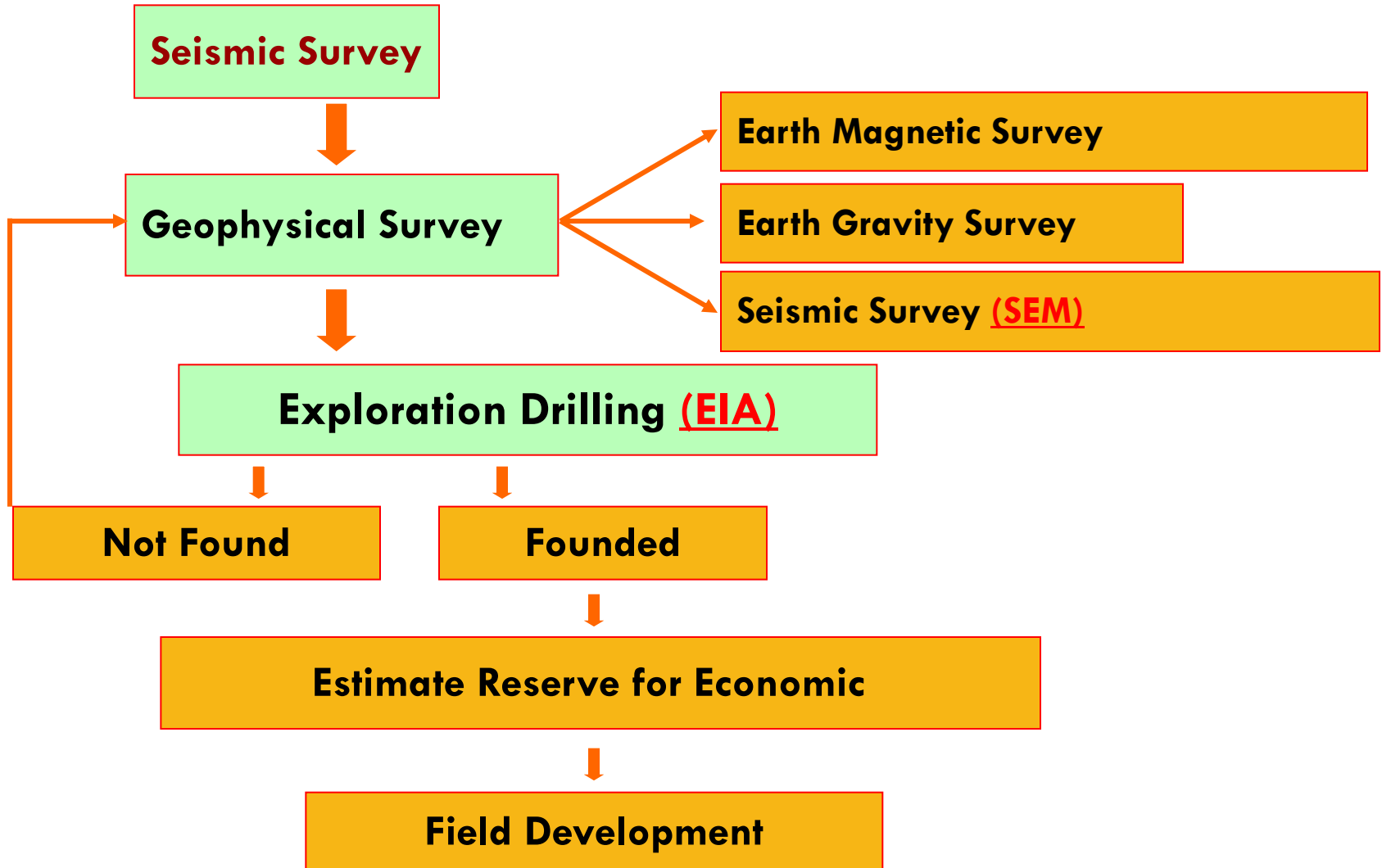
Field Development

Exploration drilling

- EIA for Exploration drilling

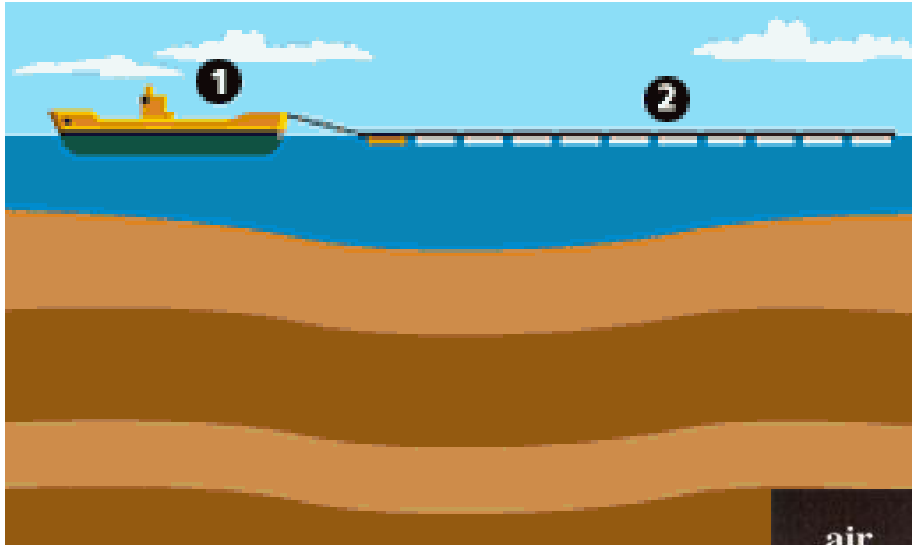
Exploration Phase

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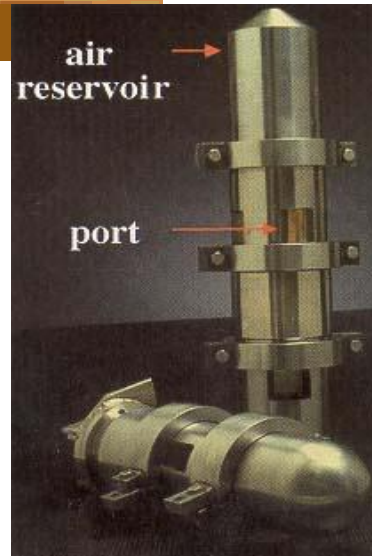
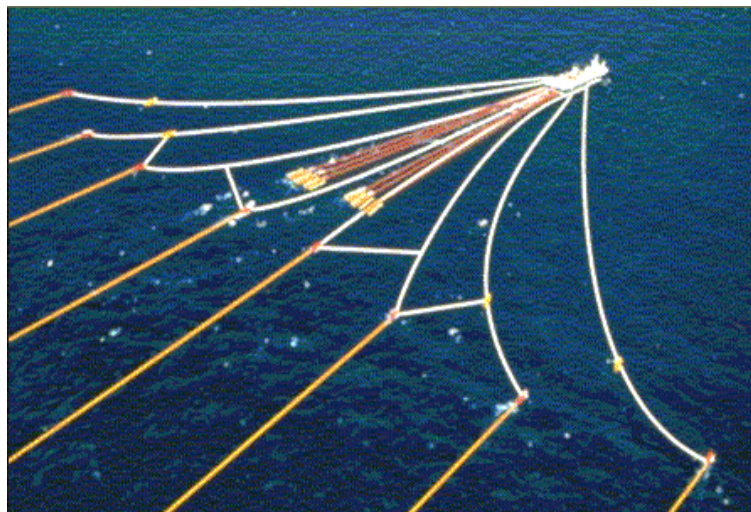


Seismic survey: offshore

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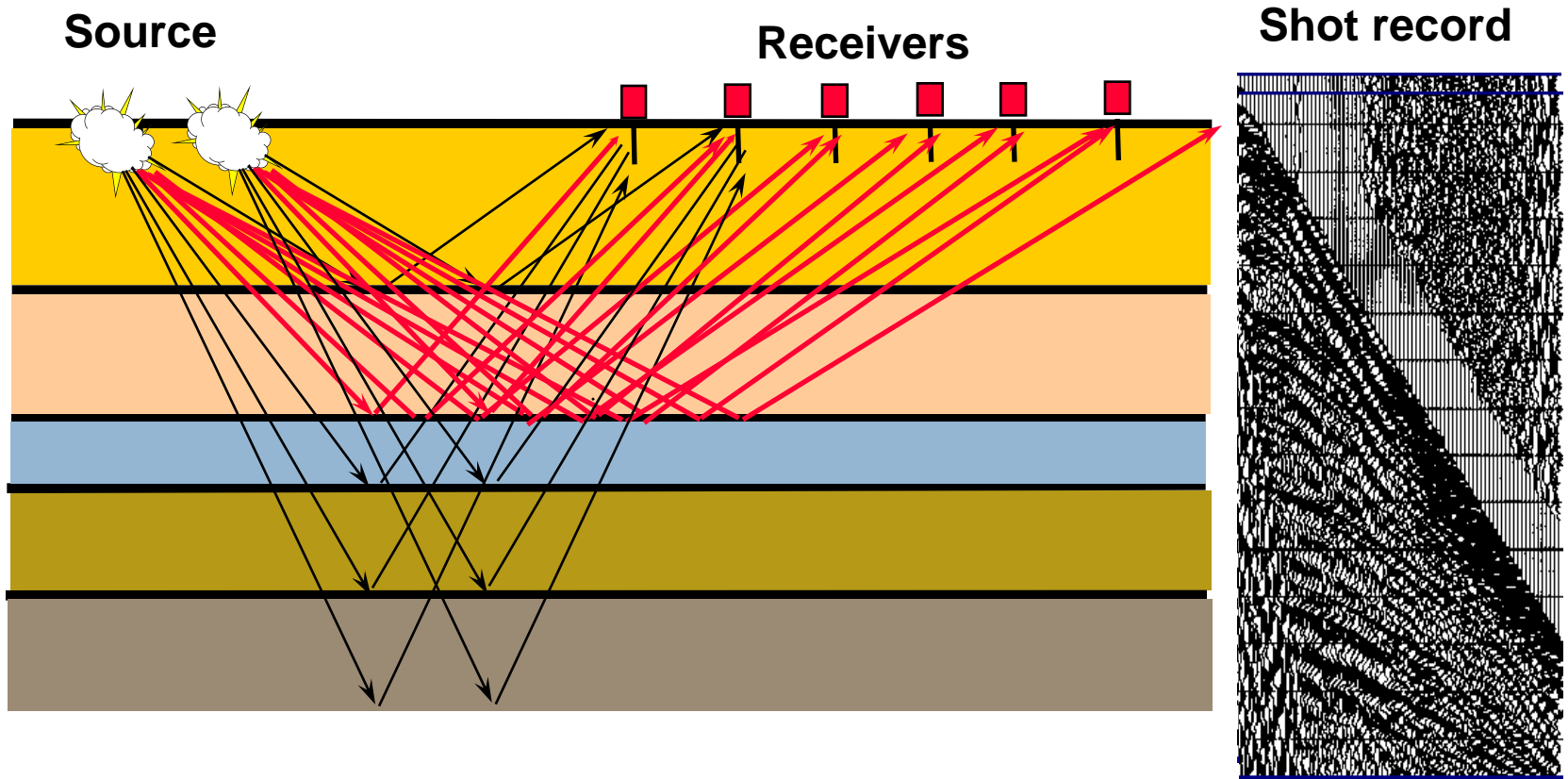
1. Seismic vessel
2. Hydrophones



From TOTAL Website

Seismic survey: onshore

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(SEM : Seismic Environmental Management Report)

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By announcement of the Department of Mineral Fuels under the Petroleum Act 13 September 2012

- Proponent must sent SEM report to DMF before seismic operation more than 60 days

- After finish seismic proponent must sent summary report concluding seismic activities to DMF

(EIA : Environmental Impact Assessment)

As a result of increasing environmental problems, the Environmental Impact Assessment (EIA) process has been applied in Thailand as a tool for environmental planning and management on the economic development projects screening approach since 1981. The EIA has been used to identify impacts of the projects as well as to establish the appropriate mitigation measures

(EIA in Thailand : History)

The first mandatory notification for EIA requirement was issued in 1981. Presently, under Section 46 of the Enhancement and Conservation of National Environmental Quality Act 1992. The Minister of Natural Resources and Environment with the approval of National Environment Board (NEB), has the power to notify the type and size of projects or activities requiring EIA

(EIA in Thailand : Types and sizes)

Item	Type of projects or activities	Sizes	Principle, Method, Procedure
2.	Petroleum Industry 2.1 Petroleum Exploration by means of geophysical drill	All sizes	Submit during apply for project approval form related government agencies or permitting agencies defined by Petroleum Act
	2.2 Petroleum Production Industry	All sizes	Submit during apply for project approval form related government agencies or permitting agencies defined by Petroleum Act

: Types and sizes of projects or activities follow by virtue of section 46 of the Constitution of the Kingdom of Promotion and Conservation of National Environmental Quality Act, B.E. 2535 (1992)

Petroleum Exploration by means of geophysical drill

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EIA REQUIREMENT

- Encompassed in Section 49, which mandates that permission to proceed with the project / development / business be withheld by the relevant authorities until EIA approval is obtained.
- Subsequent to application, a Consultant registered with the Office of Natural Resources and Environmental Policy and Planning (“ONEP”) must be requested to prepare the EIA which will then submit the same to the latter which will evaluate the EIA report and therefrom lodge the same for evaluation by a ‘committee of experts’ (Expert Review Committee)

(EIA in Thailand : Preparation Timing)

To make EIA more efficient and effective timing to prepare EIA is very vital. It should be prepared as early as possible in the project cycle, prefer at the same time as those of feasibility study (FS) of the project in order to integrate all environmental mitigation measures in evaluating the project.

(EIA in Thailand : Consultant)

It is enforced by the Ministerial order which has been effective since 12 December 1984 that EIA reports have to be prepared by the consultant firms registered with ONEP

The license issued for each consultant firm will effective for the period of 2 or 3 years depending on new or old firms respectively

Source of consultant firms registered with ONEP on ONEP Website

(EIA in Thailand : Consider process)

ONEP examines the EIA report within 15 days. In case of the report is not correct or incomplete, ONEP sends the report back to the proponent. In case of the report is correct/complete, ONEP makes preliminary comment on EIA report within 30 days.

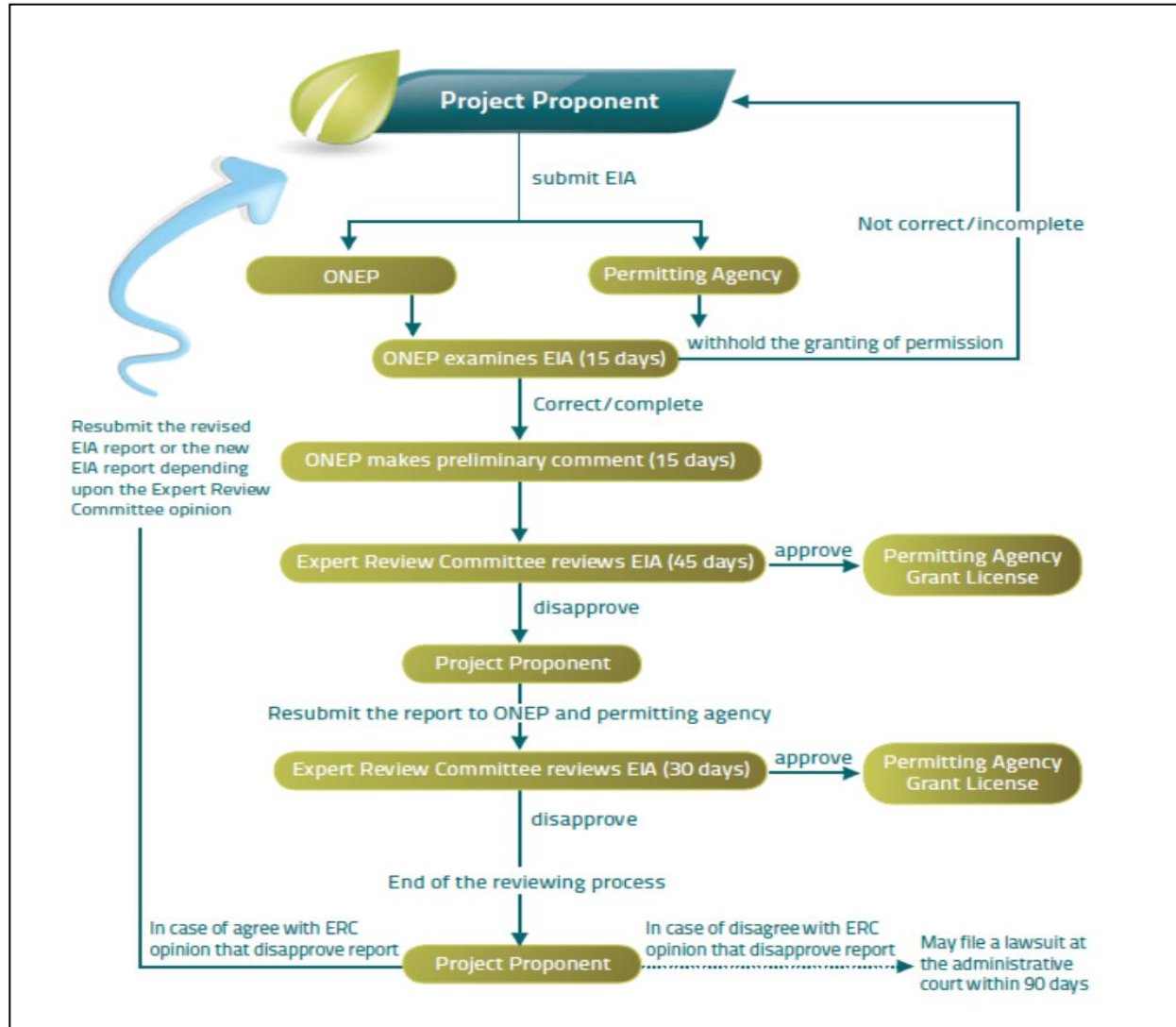
The EIA report together with the preliminary comment will then be proposed to be approved by the Expert Review Committee who will consider the report within 45 days.

(EIA in Thailand : Consider process)

If the report is approved, the permitting agency shall grant the permit to the projects/activities with condition of mitigation measures and monitoring program.

But if the report is not approved, the proponent have to submit the revised reports to the committee. The committee will review the revised report with in 30 days after receiving date

Approval process for projects activities which are required by law and projects or activities which are not required the approval of the cabinet



(EIA in Thailand : Public Participation)

Public Participation is a significant criterion of the EIA, throughout its process enabling Non-Governmental Organizations (NGOs) and relevant agencies that would be potentially affected by the projects / agencies to render their comments and/or experiences which will be duly considered in project development and evaluation

(EIA in Thailand : EIA HEADINGS / ASPECTS)

EIA Reports are composed under 5 headings / aspects.

1. Project description
2. Existing Environmental Conditions
3. Environmental Impact Assessments
4. Mitigating / Prevention Measures
5. Monitoring Programs

(EIA in Thailand : EIA AIMS)

- Classification, prediction and estimation of environmental impacts as compared to existing environmental conditions (before and after).
- Implement preventive & mitigating measures at an initial planning phase toward contributing to the reduction of the cost of rectifying environmental rehabilitation at the later date in the name of sustainable development.
- Surface environmental considerations into decision-making and project planning.
- EIA is based on study of environmental impacts of activity in the project and its surrounding areas in interaction with living, non-living organisms and the environment in both the short and long-term.

Question & Answer