



MANAGEMENT OF TRANSBOUNDARY SPECIES: SHORT MACKEREL and FRIGATE TUNA

Presented by :

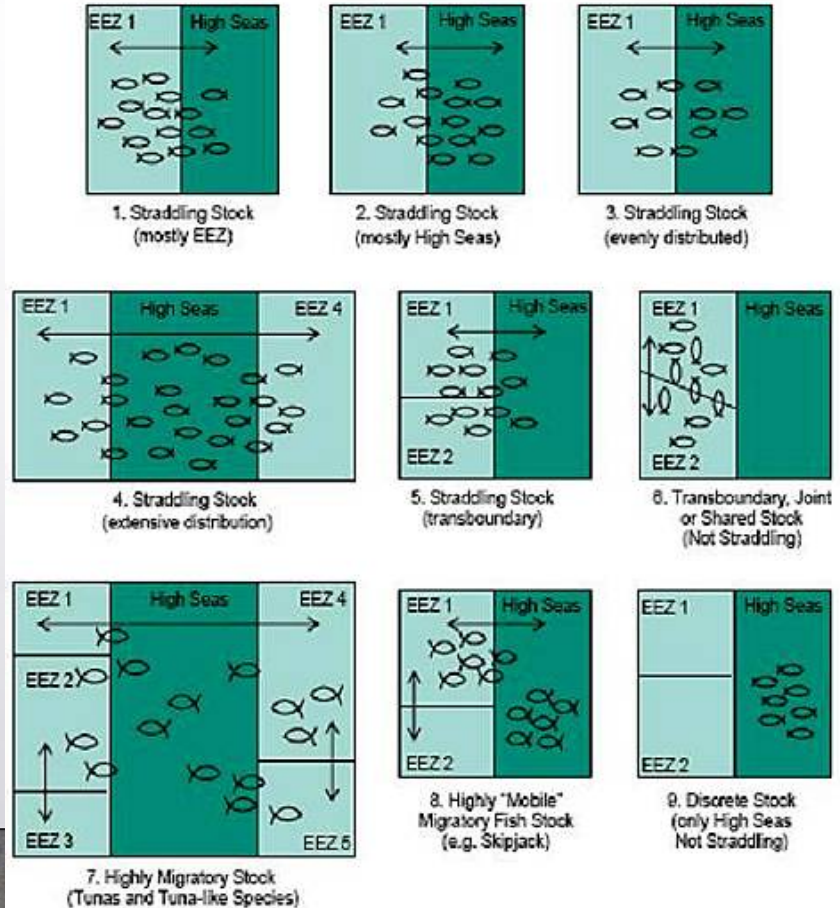
SOMBOON SIRIRAKSOPHON

TRANSBOUNDARY, STRADDLING, HIGHLY MIGRATORY FISH STOCKS



Cooperation on
Conservation and
Management of
Fish Stocks

Figure A: Straddling and Highly Migratory Fish Stocks





LEVELS OF COOPERATION IN RESOURCE MANAGEMENT AND CONSERVATION

- **The first level**, or what we might term the primary level, consists of cooperation in research alone, without reference to coordinated management programs.
- **The secondary level** - “active management” - involves, almost by definition, the establishment of coordinated joint management programs. It is required:
 - allocation of harvest shares among the participating states;
 - determination of an optimal management strategy;
 - implementation and enforcement of coordinated management agreements.



THE SIGNIFICANCE OF TRANSBOUNDARY FISH STOCKS IN SCS AND GOT LMES

- **SEAFDEC-Sweden project** has attempted on Development of cooperative Management for **transboundary** fish stocks:
 - RPOA Neritic Tuna including Frigate tuna in the SEA in 2015
 - Establishment of Scientific Working Group on Stock Assessment : covers all small-pelagic fishes
- Other attempts on short mackerel, anchovy, blue swimming crab and etc.
- **Fisheries Refugia for Transboundary Species** such as
 - ✓ short mackerel, between Thailand – Cambodia EEZs
 - ✓ Frigate Tuna in West coast Philippines, (not yet identify the transboundary area)
 - ✓ Tiger Prawn, in Miri, Sarawak (not yet identify the transboundary area)