



SEMINAR FOR PROMOTING RIVER WATER TRANSPORT
IN MYANMAR



Current Status on Safe Regulation of River Transport and Challenges in Myanmar

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Director

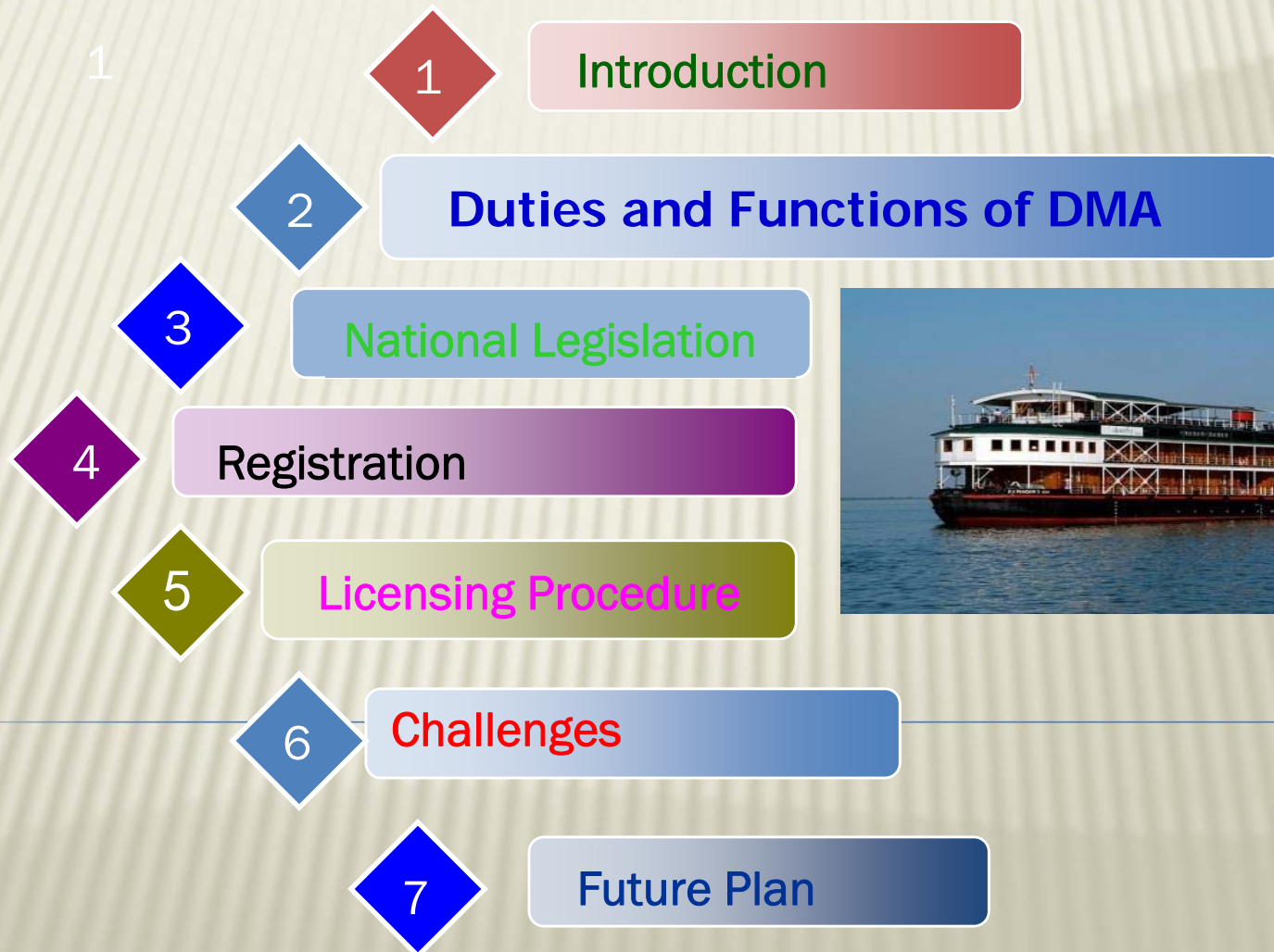
Department of Marine Administration

Yangon

7.3.2014



SEMINAR FOR PROMOTING RIVER WATER TRANSPORT IN MYANMAR





SEMINAR FOR PROMOTING RIVER WATER TRANSPORT IN MYANMAR



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Introduction



AYEYARWADY RIVER

- NAVIGABLE LENGTH 1534 KM



CHINDWIN RIVER

- NAVIGABLE LENGTH 817 KM



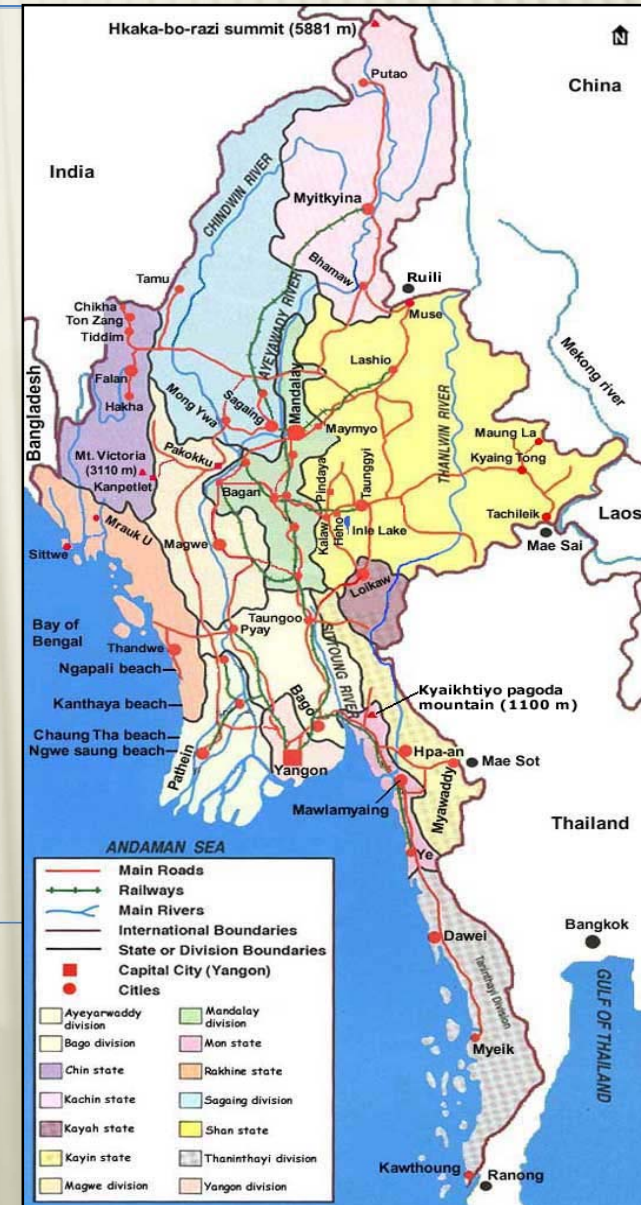
OTHER RIVERS

- NAVIGABLE LENGTH 1982 KM



AYEYARWADY DELTA

- NAVIGABLE LENGTH 2404 KM







SEMINAR FOR PROMOTING RIVER WATER TRANSPORT IN MYANMAR



TYPE OF VESSEL OPERATING IN INLAND WATERWAYS

	TYPE OF VESSEL			
	VESSEL POWERED BY BELOW (20) BHP ENGINE	VESSEL POWERED BY ABOVE (20) BHP ENGINE	HEAD OFFICE REGISTERED VESSEL	
	PASSENGER	PASSENGER	PASSENGER	
	CARGO	CARGO	CARGO	
				TUG BOAT
				TANKER
			OIL BARGE	
REGISTERED AUTHORITY	TOWNSHIP GENERAL ADMINISTRATIVE DEPARTMENT	DMA STATES & REGIONAS OFFICES	DMA HEAD OFFICE	
APPLICABLE RULE & REGULATION	INSTRUCTION	INSTRUCTION	INLAND STEAM VESSEL ACT	
PLAN APPROVAL	NOT NECESSARY	NOT NECESSARY	NECESSARY	



SEMINAR FOR PROMOTING RIVER WATER TRANSPORT IN MYANMAR



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Duties and Functions of DMA

1. Maritime Legislation in Myanmar
2. Maritime Advisory to the Governmental Organizations
3. Focal Department for IMO & ASEAN Maritime Affairs
4. Conducting the Maritime Education and Training on behalf of Ministry of Transport
5. Evaluation, Certification and Verification for CoCs, CoPs and Documentary Evidence
6. **Ship Survey and Registration**
7. Maritime Incident, Accident Investigation and Arbitration and Report to the Governmental Bodies
8. Conducting Maritime Safety and Environmental Protection in Myanmar
9. Conducting Myanmar Ships and Port Facilities Security
10. Conducting Port State, Flag State and Coastal State Control in Myanmar
11. Focal Department for Coast Guard Agency Matters in Myanmar
12. Controlling Myanmar Seafarers Contract, Article and Disciplinary Matters
13. Controlling Myanmar Seafarers Manning Companies and Conducting Myanmar Seafarers Services
14. Myanmar Seafarers Registration
15. **Conducting Myanmar Coastal and Inland Water Vessel Operating License**
16. Controlling Navigation Safety and Conducting Safety Training in Myanmar



SEMINAR FOR PROMOTING RIVER WATER TRANSPORT IN MYANMAR



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National Legislation

- ❖ The Myanmar Merchant Shipping Act (1923)
- ❖ The Myanmar Registration of Ships Act (1841)
- ❖ The Inland Steam Vessels Act (1917)
- ❖ The Bills of Lading Act (1856)
- ❖ The Myanmar Carriage of Goods by Sea Act (1925)
- ❖ The Carriers Act (1865)
- ❖ The Maritime Transport Agreement Act (1953)
- ❖ The Merchant Shipping Administrative Act (1954)
- ❖ The Road and Inland Water Transport Business Law (1963)



ASEAN-JAPAN ACTION PLAN ON ENVIRONMENT IMPROVEMENT IN TRANSPORT SECTOR



4 REGISTRATION PROCEDURE

SUBMISSION OF APPLICATION BY OWNER

1. OWNER APPLICATION LETTER
2. SHIP DRAWINGS (3) SETS
3. BUILDER CERTIFICATE
4. ENGINE AND MATERIALS PURCHASE VOUCHERS



PLAN APPROVAL OF THE DRAWINGS

1. DRAWINGS ARE CHECKED WITH THE REGULATION
2. APPROVED LETTER FOR CONSTRUCTION IS ISSUED

NEW CONSTRUCTION START

1. SURVEY DURING CONSTRUCTION AFTER 50 % COMPLETION FOR CARGO SHIP
2. SURVEY DURING CONSTRUCTION AFTER 30 % COMPLETION FOR PASSENGER SHIP



ASEAN-JAPAN ACTION PLAN ON ENVIRONMENT IMPROVEMENT IN TRANSPORT SECTOR

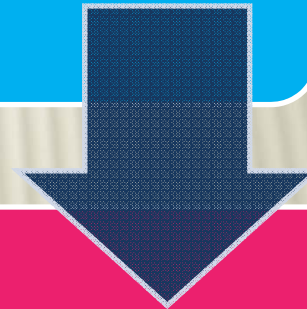


REGISTRATION PROCEDURE

COMPLETION OF NEW CONSTRUCTION

INITIAL SURVEY

1. FREEBOARD MARKING ASSIGNED
2. LIFE SAVING APPLIANCE & FIRE FIGHTING EQUIPMENT
3. GROSS TONNAGE CALCULATION
4. ENGINE HORSE POWER DETERMINATION
5. SAFE MANNING
6. INCLINING TEST FOR PASSENGER VESSEL & NO. OF PASSENGER CALCULATION



REGISTRATION

1. OWNER'S APPLICATION LETTER
2. COPY AND ORIGINAL OF CERTIFICATE OF SURVEY
3. OWNER'S NATIONAL SCRUTINY CARD COPY



SEMINAR FOR PROMOTING RIVER WATER TRANSPORT IN MYANMAR



RELEVANT RULES AND REGULATIONS UNDER ISV ACT

Rules for survey of vessels

Rules for protection of vessel against explosion or fire

Rules for vessel carrying oil for fuel

Rules for the protection of vessels from collision

Rules to regulate carriage of Passengers

Rules relating to boats and life-saving appliance

Rules for protection of passengers

Instructions for Engineer and Marine Surveyors



SEMINAR FOR PROMOTING RIVER WATER TRANSPORT IN MYANMAR



Private Inland Vessels Fleet

NO	TYPE OF VESSEL	NO. OF VESSELS
1.	PASSENGER	477
2.	CARGO	264
3.	INLAND TUG BOAT	494
4.	OIL BARGE	149
5.	PASSENGER BOAT ABOVE 20 BHP ENGINE POWER	125
6.	CARGO BOAT ABOVE 20 BHP ENGINE POWER	1012
7.	PASSENGER BOAT BELOW 20 BHP ENGINE POWER	3601
8.	CARGO BOAT BELOW 20 BHP ENGINE POWER	16222
	TOTAL	22344



SEMINAR FOR PROMOTING RIVER WATER TRANSPORT IN MYANMAR



Number and Type of vessel in States/Regions of Myanmar

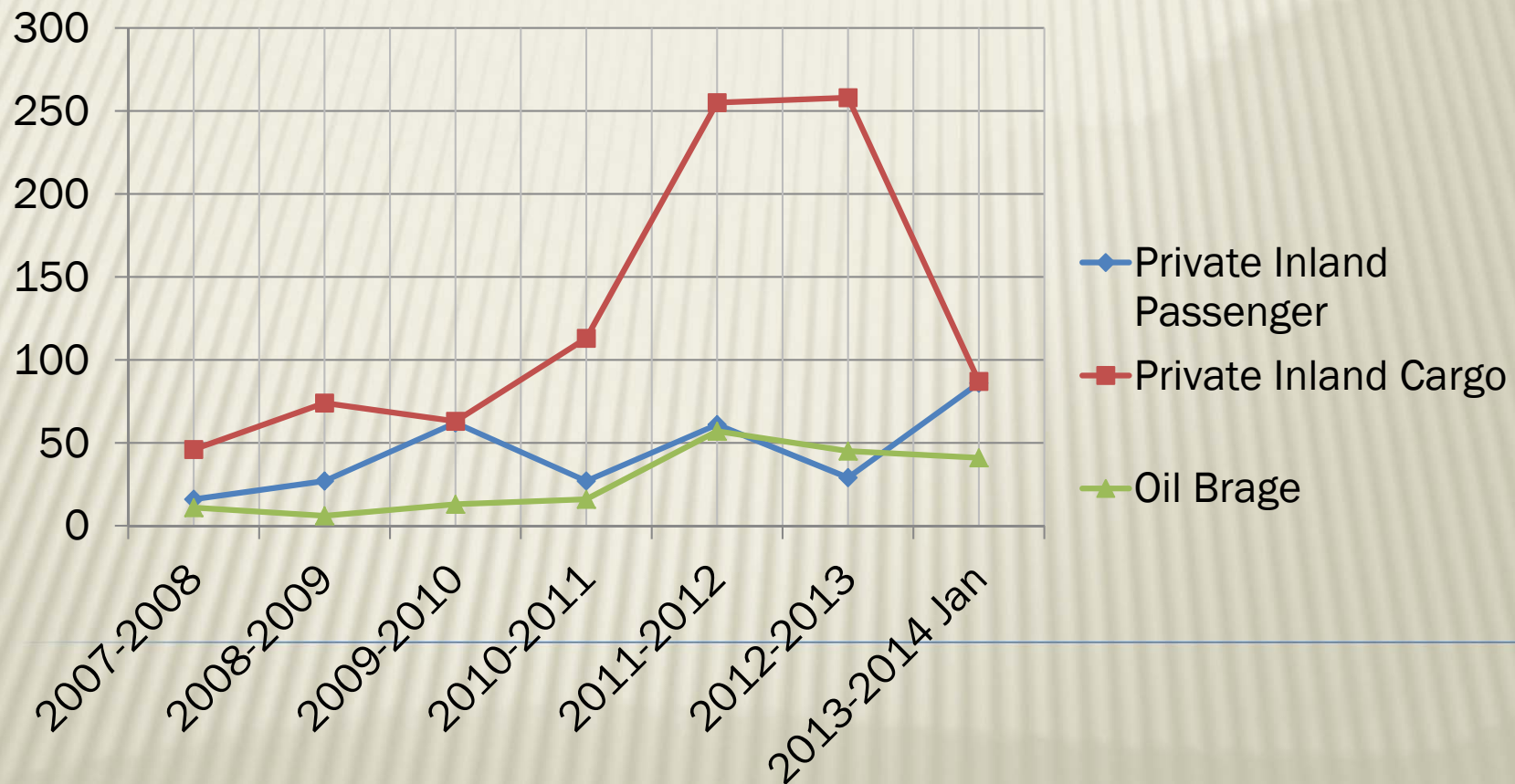
	STATES/ REGIONS	PASSENGER VESSEL	CARGO VESSEL	TUG BOAT	OIL BARGE	PASSENGER ABOVE 20	CARGO ABOVE 20	PASSENGER BELOW 20	CARGO BELOW 20
1.	YANGON	100	70	362	100	39	169	1789	236
2.	MANDALAY	41	19	85	35	-	10	-	458
3.	AYEYARWADY	102	26	21	1	40	182	1733	9745
4.	SAGAING	131	98	25	8	-	137	-	679
5.	RAKHINE	18	32	-	1	-	229	-	242
6.	KACHIN	49	7	-	-	-	104	-	1004
7.	TANINTHARI	8	2	-	4	-	132	79	80
8.	MAGWE	-	9	-	-	-	-	-	-
9.	MON	6	-	-	-	46	34	-	581
10	BAGO	-	1	-	-	-	-	-	1471
11	KAYIN	22	-	-	-	-	-	-	315
12	SHAN	-	-	-	-	-	-	-	1411
	TOTAL	477	264	494	149	125	1012	3601	16222



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NUMBER OF INLAND VESSEL & OIL BARGE CONSTRUCTED BY YEARS

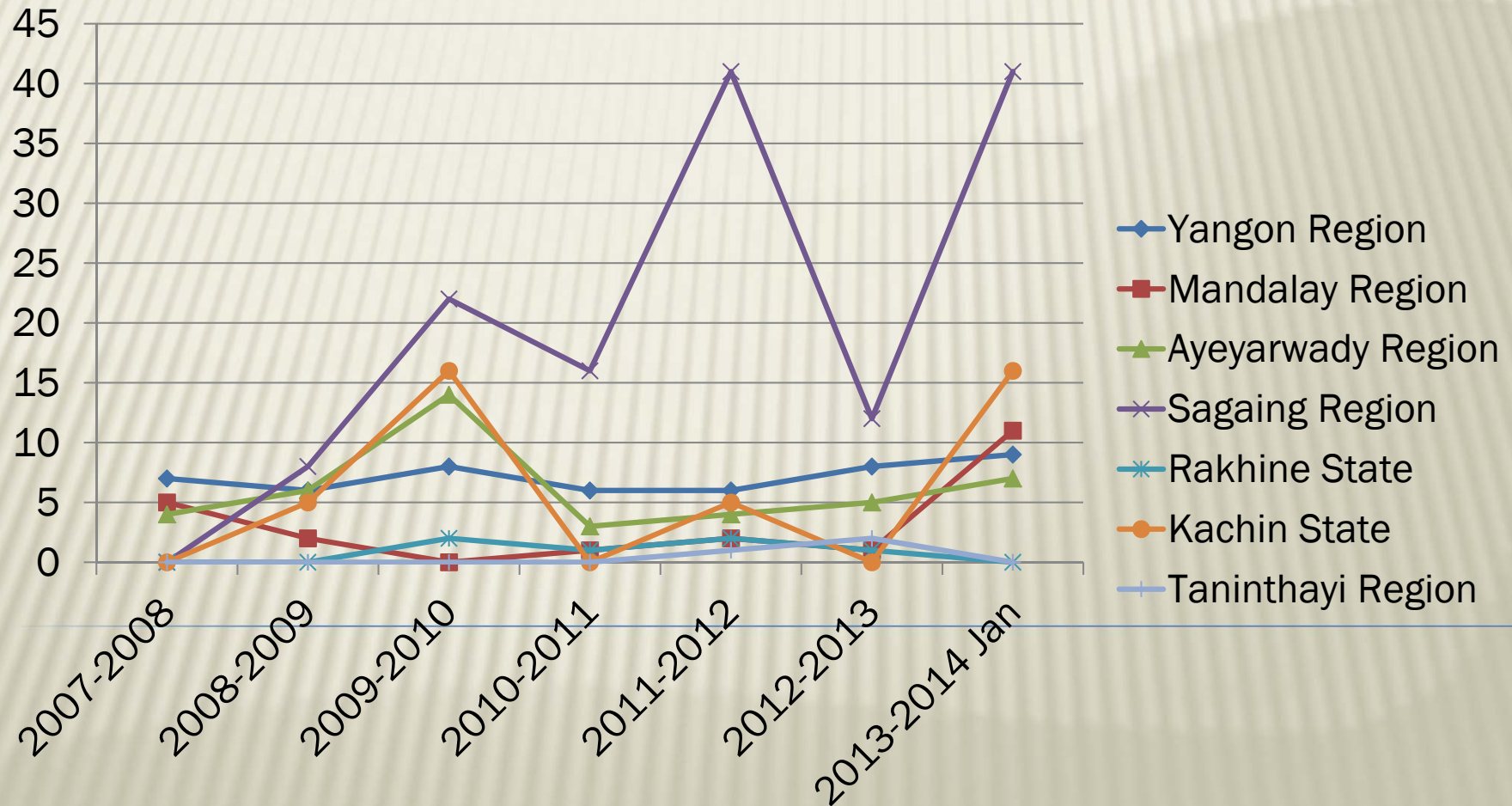




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Passenger vessel increased by year in State/Regions

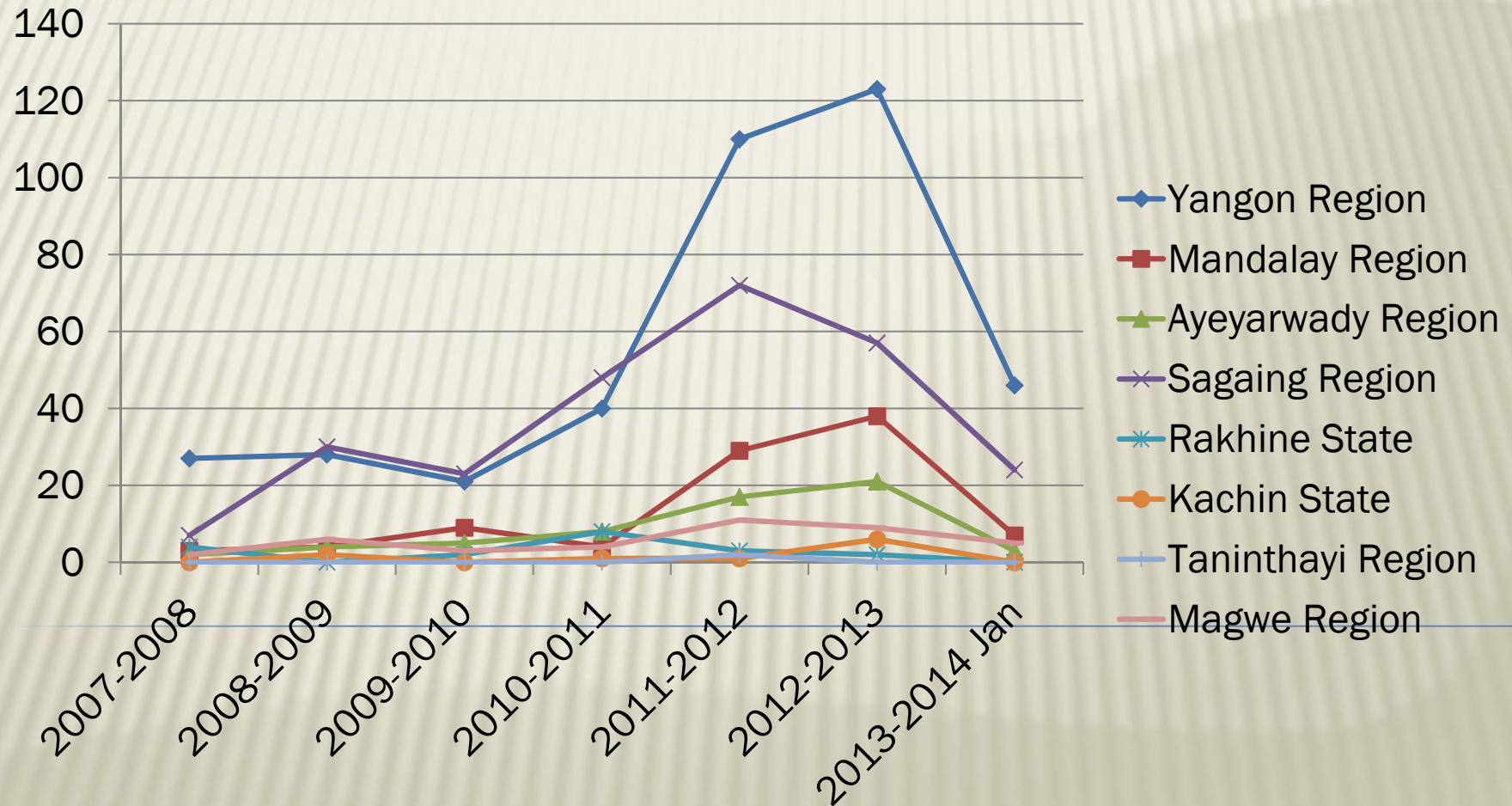




SEMINAR FOR PROMOTING RIVER WATER TRANSPORT IN MYANMAR



Cargo vessel increased by year in State/Regions



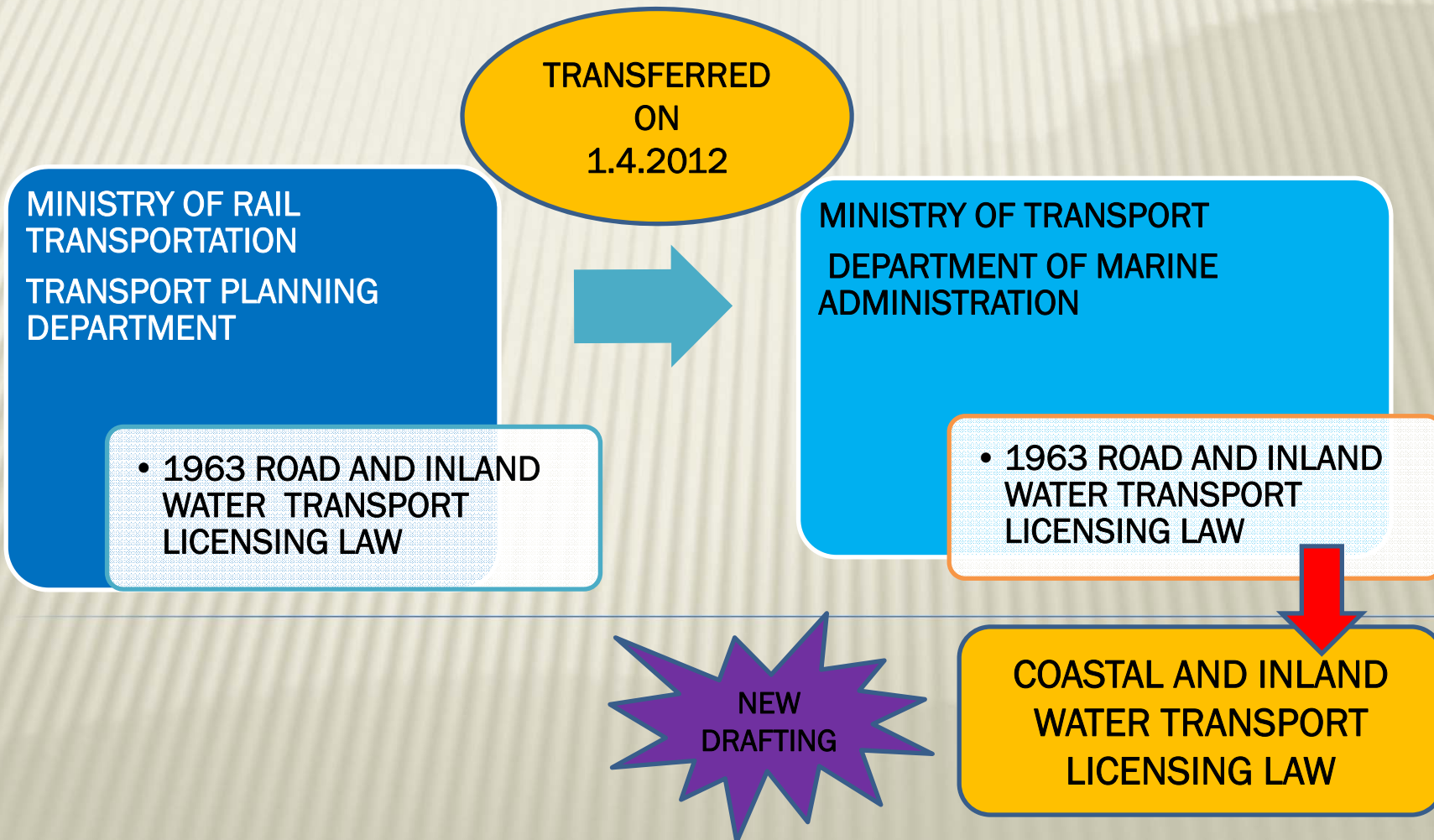


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Licensing Procedure





SEMINAR FOR PROMOTING RIVER WATER TRANSPORT IN MYANMAR



TYPE OF LICENSES ISSUED TO COASTAL AND INLAND VESSEL AND BARGES

“A” LICENSE TYPE

1. COASTAL CARGO SHIP

2. COASTAL TANKER

3. INLAND CARGO VESSEL

4. TUG BOAT

5. CARGO BOAT ABOVE (20) BHP ENGINE POWER

6. CARGO BOAT BELOW (20) BHP ENGINE POWER

7. OIL BARGE

8. CARGO BARGE

9. INLAND TANKER

“B” LICENSE TYPE

1. COASTAL PASSENGER SHIP

2. INLAND PASSENGER VESSEL

3. PASSENGER BOAT ABOVE (20) BHP ENGINE

4. PASSENGER BOAT BELOW (20) BHP ENGINE

5. COASTAL PLEASURE CRAFT

6. INLAND PLEASURE CRAFT

“C” LICENSE TYPE (HIRE)

1. INLAND PASSENGER VESSEL

2. PASSENGER BOAT ABOVE (20) BHP ENGINE POWER

3. PASSENGER BOAT BELOW (20) BHP ENGINE POWER

4. COASTAL PASSENGER BOAT



**SEMINAR FOR PROMOTING RIVER WATER TRANSPORT
IN MYANMAR**



**TYPE OF LICENSES ISSUED TO COASTAL AND INLAND VESSEL AND BARGES
(CONTINUED)**

“D” LICENSE TYPE

**1. COASTAL PASSENGER BAREBOAT
CHARTER VESSELS**

2. COASTAL CARGO BAREBOAT CHARTER

**3. INLAND PASSENGER BAREBOAT
CHARTER**

4. INLAND CARGO BAREBOAT CHARTER

5. COASTAL CARGO TIME CHARTER

6. COASTAL CARGO VOYAGE CHARTER

**“E” LICENSE TYPE (OWN
BUSINESS)**

**1. CARGO BOAT ABOVE (20) BHP
ENGINE POWER**

**2. CARGO BOAT BELOW (20) BHP
ENGINE POWER**

**3. COASTAL CARGO/PASSENGER
SHIP**

**4. INLAND CARGO/PASSENGER
VESSELS**

**5. HOTEL PLEASURE CRAFT IN
BEACH**



SEMINAR FOR PROMOTING RIVER WATER TRANSPORT IN MYANMAR



PASSENGER AND CARGOES TRANSPORTED DURING 1.4.2012 TO 31.3.2013

	STATES/REGIONS	PASSENGER TRANSPORTED		CARGO TRANSPORTED (TON)		REMARK
		INLAND WATER	COASTAL	INLAND WATER	COASTAL	
1.	YANGON REGION	162,676	-	241745	267,832	
2.	MANDALAY REGION	636,250	-	1,143,005.	-	
3.	AYEYARWADY REGION	9,095,930	-	215,739	-	
4.	SAGAING REGION	118,946	-	158,139	-	
5.	RAKHINE STATE	380,197	-	10,198	-	
6.	TANINTHARI REGION	59,629	60,011	-	41,184	
7.	MAGWE REGION	-	-	555,299	-	
8.	MON STATE	451,169	-	-	-	
9.	BAGO REGION	1,238,304	-	197,305	-	BELOW 20 BHP VESSEL ONLY
	TOTAL	12,143,101	60011	2,521,430	309,016	



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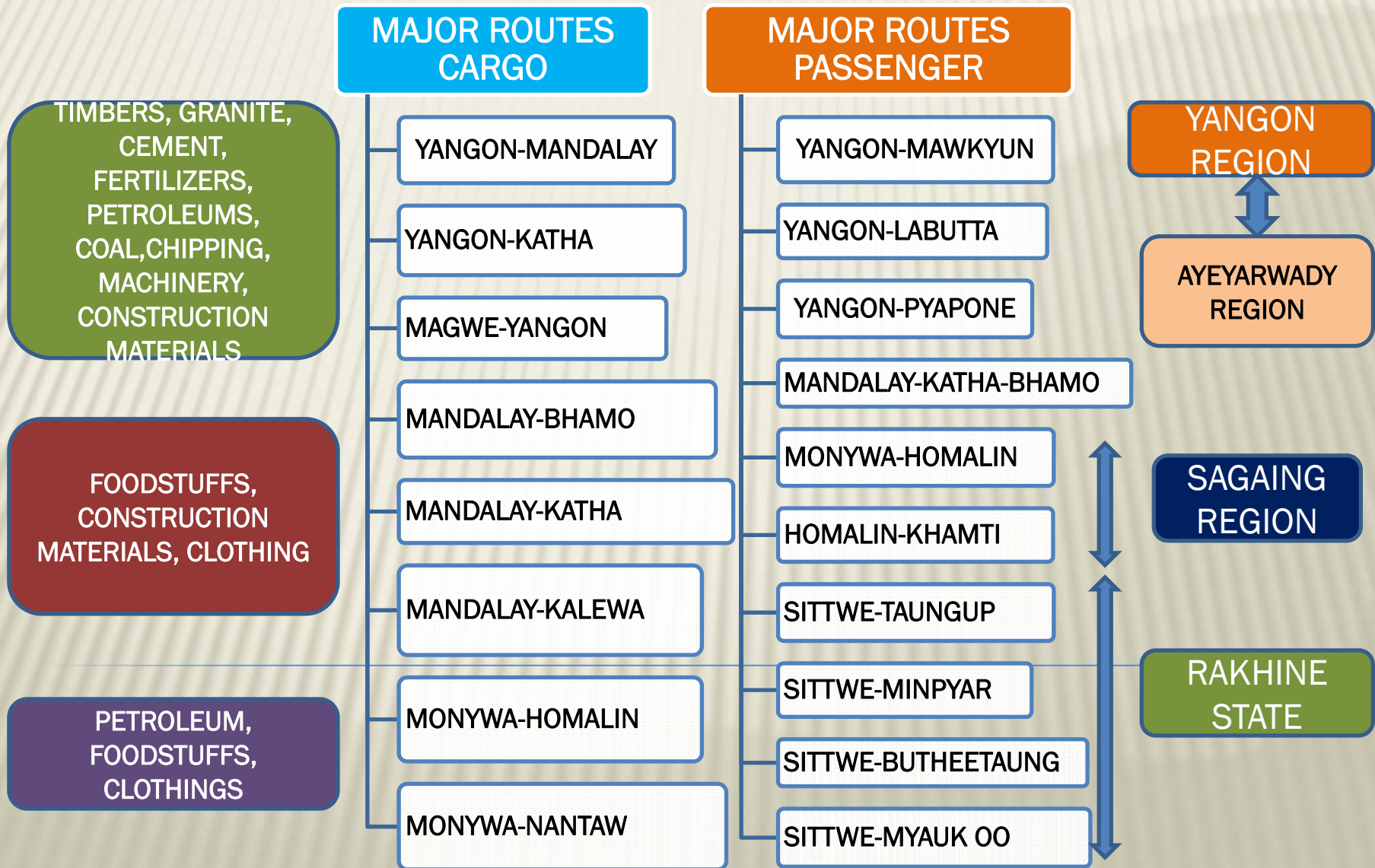


PASSENGER AND CARGOES TRANSPORTED DURING 1.4.2013 TO 31.12.2013

	STATES/REGIONS	PASSENGER TRANSPORTED		CARGO TRANSPORTED (TON)		REMARK
		INLAND WATER	COASTAL	INLAND WATER	COASTAL	
1.	YANGON REGION	125,499	-	902,595	70,893	
2.	MANDALAY REGION	555,486	-	1,578,378	-	
3.	AYEYARWADY REGION	4,399,338	-	677,235	-	
4.	SAGAING REGION	139,010	-	101,204	-	
5.	RAKHINE STATE	234,105	-	26,999	-	
6.	TANINTHARI REGION	62,001	22,023	-	46,367	
7.	MAGWE REGION	-	-	320,360	-	
8.	MON STATE	361,7011	-	-	73,419	
9.	BAGO REGION	143,230	-	256,404	-	BELOW 20 BHP VESSEL ONLY
	TOTAL	6,020,370	22,023	3,863,175	190,679	



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6 CHALLENGES

OUTDATED INLAND STEAM VESSEL ACT AND SAFETY RULES AND REGULATIONS

NEED TO DEVELOP SAFETY REGULATION FOR THE CARRIAGE OF DANGEROUS PETROLEUM

LACK OF HUMAN RESOURCES SUCH AS SHIP DESIGNER, NAVAL ARCHITECT, SHIP BUILDER AND WELDER

LACK OF INFRASTRUCTURE SUCH AS SHIPYARDS, RIVER CARGO PORTS AND PASSENGER TERMINALS

INSUFFICIENT DEPTH OF RIVERS IN SUMMER SEASON

LACK OF REPORTING PROCEDURE FOR DATA COLLECTION

LACK OF LAW ENFORCEMENT



SEMINAR FOR PROMOTING RIVER WATER TRANSPORT IN MYANMAR



7 FUTURE PLAN

RULES & REGULATIONS TO BE PREPARED AS FOLLOW UP TO INLAND VESSEL LAW

RULES AND REGULATIONS TO BE DEVELOPED FOR THE CARRIAGE OF DANGEROUS PETROLEUM BY OIL BARGE

RULES & REGULATIONS TO BE PREPARED AS FOLLOW UP TO COASTAL AND INLAND WATER TRANSPORT LICENSING LAW

TRAINING COURSES TO BE CONDUCTED FOR HUMAN RESOURCE DEVELOPMENT IN SHIP BUILDING SECTOR OF INLAND WATER TRANSPORT

INITIATIVE FOR IMPLEMENTATION OF SAFETY MANAGEMENT SYSTEM IN TOURIST PASSENGER VESSELS.

ORGANIZATION OF SHIP OWNER ASSOCIATION TO ACTIVELY PARTICIPATE IN DEVELOPMENT OF RIVER WATER TRANSPORT

TO COLLABORATE WITH MARINE POLICE IN MARITIME LAW ENFORCEMENT



SEMINAR FOR PROMOTING RIVER WATER TRANSPORT
IN MYANMAR



THANK YOU VERY MUCH
FOR ATTENTION

