ECONOMICS STATISTICS OF SHIPPING

January – June 2014

- 1. This report on the Economic Statistics of Shipping for the first six months of 2014 (January-June) is the Forty eighth six monthly report published by the Samoa Bureau of Statistics. Data were collected mainly from Shipping Statistic Forms and cargo manifests, which were completed by Shipping agents and Stevedores as a port requirement for every international sea going vessel. This report excludes all domestic services and the Apia-Pago Pago route. Furthermore, if a vessel calls in more than once, its subsequent calls are recorded as a separate vessel.
- 2. From January-June of 2014, a total of one hundred and twenty one (121) sea going vessels were cleared at the port of Apia. Twenty nine (29) vessels were excluded from the tabulation because they do not have the required information. These vessels include Research/Naval, Yacht, Cruise Ships and Fishing Vessels. The Ninety two (92) international sea going vessels accepted for tabulation consisted of fifty one (51) Container Vessels, ten (10) Mineral Oil Tankers, ten (10) Roll On/Roll Off Vessels and twenty one (21) General Cargo Vessels.
- 3. Fig.1 below indicates the number of vessels by type and their respective percentages.

Fig.1

g.1 Type of Vessel	Container Vessels	Mineral Oil Tanker	Roll on/ Roll off	General Cargo Vessels	Total
Number of Vessels	51	10	10	21	92
Percentage	55.4	10.9	10.9	22.8	100

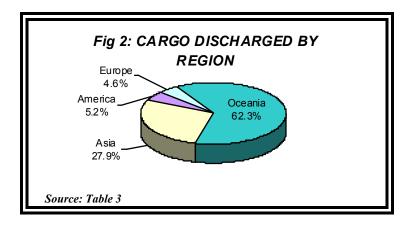
Source: Tables 1 and 2.

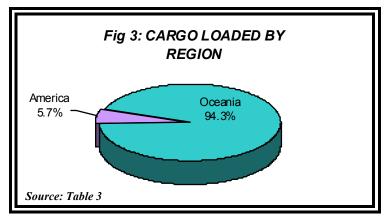
- 4. The analysis of cargo discharged at the port of Apia indicated that, eighty (80) ^(a) vessels discharged a combined total of 100,463 metric tonnes of cargo, of which 62.3 percent from the Oceanic region (mostly from New Zealand), 27.9 percent came from Asia (mostly from Korea and Singapore), 5.2 percent from the American region (all from USA) and 4.6 percent from Europe (all from Netherlands).
- 5. Fifty (50) ^(b) vessels loaded a combined total of 18,647 metric tonnes of cargo, of which 94.3 percent were loaded for the Oceanic region (mostly to New Zealand) and the remaining 5.7 percent to the American region (all to the USA).

 $(a) \ : \textit{refers to vessels that only had inward cargo}$

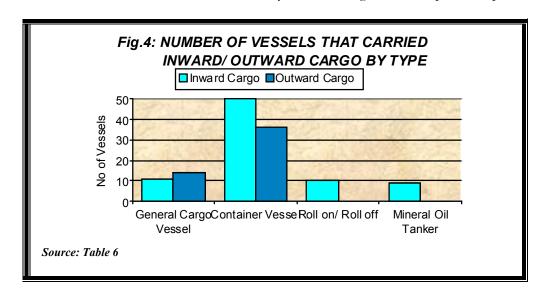
(b): refers to vessels that only had outward cargo

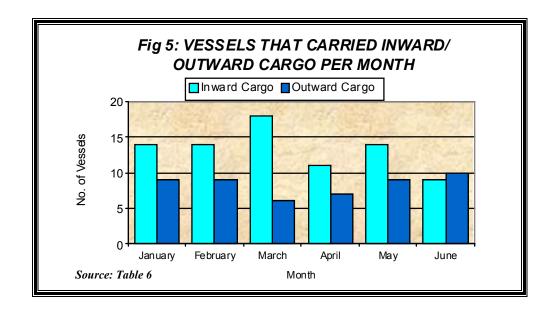
6. Figures 2 and 3 portray a graphical comparison of cargo discharged and loaded respectively at the port of Apia by region.



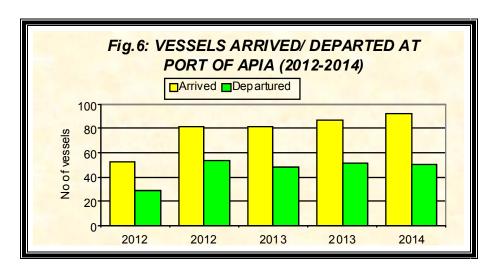


7. Of the ninety two (92)^(c) vessels arrived, only fifty (50) vessels returned with outward cargo of which thirty six (36) were Container Vessels, fourteen (14) General Cargo Vessels. No Roll on/Roll off vessels and Mineral Oil Tankers returned with any outward cargo from the port of Apia.



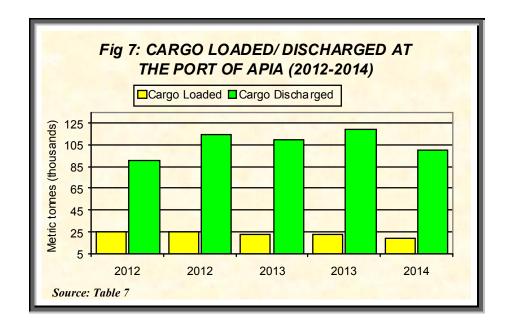


- 8. Fig 4 and 5 illustrates the graphical analysis of the number of vessels that carried inward/ outward cargo by type and month over the reference period.
- 9. A comparative analysis of six month shipping reports in the last two years (2012-2014) revealed that, the total number of vessels arrived ^(d) ranged from 53 to 92 while vessels departed ^(e) ranged from 29 to 54 and this is depicted in Fig 6. On the other hand, cargo discharged ranged from 90,534 to 119,595 metric tonnes while cargo loaded ranged from 18,647 to 25,401 metric tonnes. This is graphically illustrated in Fig 7.



⁽d): refers to vessels that had the required information

⁽e): refers to vessels that only had outward cargo



- 10. The attached tables 1-7 provides the reader with a more detailed analysis of international sea going vessels, and cargo loaded and discharged at the port of Apia within the reference period.
- 11. I would like to express my sincere gratitude and appreciation to all shipping agents, Stevedores and various government departments for their continuous support and cooperation, without which this report would not have been possible.

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EXPLANATORY NOTE

The following symbols are used through out:

- = Magnitude is Zero

... = Nil or Negligible

DWT (Dead Weight Tonnage)

Is the number of tons of cargo, store, etc, that a vessel is capable of carrying when floating at her load draught.

GRT (Gross Registered Tonnage)

Is the measure of the total internal volume of the ship, and is equal to the number deck tonnage plus the tonnage of all enclosed space above the tonnage deck

NRT (Net Registered Tonnage)

Is the residual tonnage after the various allowances for propelling, power, crew spaces, and navigation spaces have been deducted from the gross tonnage

Table 1. ARRIVAL OF VESSELS BY TYPE AND COUNTRY OF ORIGIN 1/

PERIOD: JANUARY - JUNE 2014

		TO)TAL		Gene	ral Carg	o Vessel		Co	ntainer V	essel		R	oll on/ Re	oll off		Mir	neral Oil	Tanker	
Country of	No of	GRT	NRT	DWT	No of	GRT	NRT	DWT	No. of	GRT	NRT	DWT	No. of	GRT	NRT	DWT	No of	GRT	NRT	DWT
Origin	Ship	(000)	(000)	(000)	Ship	(000)	(000)	(000)	Ship	(000)	(000)	(000)	Ship	(000)	(000)	(000)	Ship	(000)	(000)	(000)
TOTAL	92	859.2	423.3	1,071.2	21	8.4	2.1	8.4	51	483.0	238.5	607.0	10	175.7	104.5	179.4	10	192.1	78.2	276.4
<u>OCEANIA</u>	50	347.4	181.5	425.7	21	8.4	2.1	8.4	21	188.4	95.8	245.6	7	121.1	71.5	125.1	1	29.5	12.1	46.6
New Zealand	16	128.4	64.8	172.1	-	-	-	-	16	128.4	64.8	172.1	-	-	-	-	-	-	-	-
Fiji	8	150.6	83.6	171.7	-	-	-	-	-	-	-	-	7	121.1	71.5	125.1	1	29.5	12.1	46.6
Tahiti	5	60.0	31.0	73.5	-	-	-	-	5	60.0	31.0	73.5	-	-	-	-	-	-	-	-
Samoa	21	8.4	2.1	8.4	21	8.4	2.1	8.4	-	-	-	-	-	-	-	-	-	-	-	-
<u>EUROPE</u>	9	160.8	68. 7	193.9	-	-	-	-	7	102.2	44.9	108.2	-	-	-	-	2	58.6	23.8	85. 7
Cyprus	6	93.6	40.2	103.8	-	-	-	-	6	93.6	40.2	103.8	-	-	-	-	-	-	-	-
Germany	1	8.6	4.7	4.4	-	-	-	-	1	8.6	4.7	4.4	-	-	-	-	-	-	-	-
Netherlands	2	58.6	23.8	85.7	-	-	-	-	-	-	-	-	-	-	-	-	2	58.6	23.8	85.7
<u>AMERICA</u>	9	55.8	28.3	67.0	-	-	-	-	9	55.8	28.3	67.0	-	-	-	-	-	-	-	-
USA	9	55.8	28.3	67.0	-	-	-	-	9	55.8	28.3	67.0	-	-	-	-	-	-	-	-
<u>ASIA</u>	24	295.2	144.8	384.6	-	-	-	-	14	136.6	69.5	186.2	3	54.6	33.0	54.3	7	104.0	42.3	144.1
Japan	3	54.6	33.0	54.3	-	-	-	-	-	-	-	-	3	54.6	33.0	54.3	-	-	-	-
China	2	59.2	25.0	91.6	-	-	-	-	-	-	-	-	-	-	-	-	2	59.2	25.0	91.6
Singapore	14	129.4	57.8	170.4	-	-	-	-	9	84.6	40.5	117.9	-	-	-	-	5	44.8	17.3	52.5
Hong Kong	5	52.0	29.0	68.3	-	-	-	-	5	52.0	29.0	68.3	-	-	-	-	-	-	-	-

Source : Samoa Ports Authority, Shipping Agents

1/ : Provisional Figures

Table 2. DEPARTURE OF VESSELS BY TYPE AND COUNTRY OF DESTINATION 1/

PERIOD: JANUARY - JUNE 2014

		ТОТ	ΓAL		(General	Cargo V	essel		Contai	ner Vess	el		Roll	on/ Roll	off		Minera	ıl Oil Ta	nker
Country of	No of	GRT	NRT	DWT	No of	GRT	NRT	DWT	No. of	GRT	NRT	DWT	No. of	GRT	NRT	DWT	No of	GRT	NRT	DWT
Destination	Ship	(000)	(000)	(000)	Ship	(000)	(000)	(000)	Ship	(000)	(000)	(000)	Ship	(000)	(000)	(000)	Ship	(000)	(000)	(000)
TOTAL	92	859.2	423.3	1,071.2	21	8.4	2.1	8.4	51	483.0	238.5	607.0	10	175.7	104.5	179.4	10	192.1	78.2	276.4
<u>OCEANIA</u>	92	859.2	423.3	1,071.2	21	8.4	2.1	8.4	51	483.0	238.5	607.0	10	175.7	104.5	179.4	10	192.1	78.2	276.4
Australia	1	8.6	4.7	4.4	-	-	-	-	1	8.6	4.7	4.4	-	-	-	-	-	-	-	-
New Zealand	1	3.8	1.1	1.7	-	-	-	-	-	-	-	-	-	-	-	-	1	3.8	1.1	1.7
Fiji	18	187.3	89.6	263.5	-	-	-	-	16	128.4	64.8	172.1	-	-	-	-	2	58.9	24.8	91.4
Tahiti	6	93.6	40.2	103.8	-	-	-	-	6	93.6	40.2	103.8	-	-	-	-	-	-	-	-
Waliis	3	11.4	3.3	5.1	-	-	-	-	-	-	-	-	-	-	-	-	3	11.4	3.3	5.1
Tonga	5	47.0	22.5	65.5	-	-	-	-	5	47.0	22.5	65.5	-	-	-	-	-	-	-	-
Am Samoa	37	499.1	259.8	618.8	-	-	-	-	23	205.4	106.3	261.2	10	175.7	104.5	179.4	4	118.0	49.0	178.2
Tokelau	21	8.4	2.1	8.4	21	8.4	2.1	8.4	-	-	-	-	-	-	-	-	-	-	-	-

Source : Samoa Ports Authority, Shipping Agents

1/ : Provisional Figures

Table 3. INWARD/OUTWARD FLOW OF CARGO (in metric tonnes) BY TYPE OF VESSEL AND PORT OF LOADING AND DISCHARGED $1\!/$

PERIOD: JANUARY - JUNE 2014

REGION AND PORT			General	•	Conta			l On/		ral Oil
OF LOADING/	1 ota	<u>ll</u>	Ves	sel	Ves	sel	Rol	l Off	Ta	nker
DISCHARGE	Inward	Outward	Inward	Outward	Inward	Outward	Inward	Outward	Inward	Outward
TOTAL	100,463	18,647	113	459	63,103	18,188	5,137	-	32,110	-
<u>OCEANIA</u>	62,581	17,591	113	459	53,309	17,132	1,603	_	7,556	-
Australia	1,317	2,634	-	-	1,317	2,634	-	-	-	-
New Zealand	49,921	7,999	-	-	49,581	7,999	-	-	340	-
Fiji	9,717	2,711	-	-	1,828	2,711	673	-	7,216	-
Tonga	545	2,362	-	-	545	2,362	-	-	-	-
New Caledonia	923	36	-	-	-	36	923	-	-	-
Niue	-	1	-	-	-	1	-	-	-	-
Solomon Island	7	-	-	-	-	-	7	-	-	-
Cook Island	-	47	-	-	-	47	-	-	-	-
Tokelau	113	459	113	459	-	-	-	-	-	-
American Samoa	38	1,342	-	-	38	1,342	-	-	-	-
<u>EUROPE</u>	4,628	-	-	-	-	-	-	-	4,628	-
Netherlands	4,628	-	-	-	-	-	-	-	4,628	-
<u>AMERICA</u>	5,184	1,056	-	-	5,184	1,056	-	-	-	-
U.S.A	5,184	1,056	-	-	5,184	1,056	-	-	-	-
<u>ASIA</u>	28,070	-	-	-	4,610	-	3,534	-	19,926	-
Japan	1,057	-	-	-	16	-	1,041	-	-	-
Taiwan	497	-	-	-	497	-	-	-	-	-
Korea	13,275	-	-	-	4,096	-	2,278	-	6,901	-
China	66	-	-	-	1	-	65	-	-	-
Philipines	53	-	-	-	-	-	53	-	-	-
Singapore	13,025	-	-	-	-	-	-	-	13,025	-
Thailand	97	-	-	-	-	-	97	-	-	-

Source: Samoa Ports Authority, Shipping Agents

1/ : Provisional Figures

Table 4. ARRIVAL OF VESSEL BY DWT, CLASS AND FLAG 1/ PORT : APIA

PERIOD: JANUARY - JUNE 2014

DWT Class						CL ACC OF M	ECCEL				
of Vessel	Total	100-499	500-999	1000-2999		CLASS OF VI 5000-9999	10000-14999	15000-19999	20000-24999	25000-29999	30000+
Total No.of Ships	92	21	-	4	1	12	32	16	-	-	6
Total Tonnage	1,070,896	8,610	_	6,876	4,398	70,420	427,659	283,430	-	-	269,503
Cyprus											
No. of Ships	6	-	-	-	_	-	_	6	-	_	-
Total Tonnage	103,824	-	-	-	_	-	-	103,824	-	-	-
Netherlands											
No. of Ships	3	-	-	-	_	-	-	-	-	-	3
Total Tonnage	132,224	-	_	-	_	-	-	-	-	_	132,224
Libya											
No. of Ships	2	-	_	-	_	-	2	-	-	_	-
Total Tonnage	25,004	-	_	-	_	-	25,004	-	-	_	-
Sweden											
No. of Ships	1	-	-	-	1	-	-	-	-	-	-
Total Tonnage	4,398	-	-	-	4,398	-	_	-	-	_	-
Panama											
No. of Ships	14	-	-	4	-	-	-	10	-	-	-
Total Tonnage	186,482	-	-	6,876	_	-	-	179,606	-	-	-
USA											
No. of Ships	5	-	-	-	-	-	5	-	-	-	-
Total Tonnage	73,325	-	-	-	-	-	73,325	-	-	-	-
Hawaii											
No. of Ships	7	-	-	-	-	7	-	-	-	-	-
Total Tonnage	42,210	-	-	-	-	42,210	-	-	-	-	-
Singapore											
No. of Ships	21	-	-	-	-	-	20	-	-	-	1
Total Tonnage	306,887	-	-	-	-	-	261,170	-	-	-	45,717
Hong Kong											
No. of Ships	5	-	-	-	-	-	5	-	-	-	-
Total Tonnage	68,160	-	-	-	-	-	68,160	-	-	-	-
China											
No. of Ships	2	-	-	-	-	-	-	-	-	-	2
Total Tonnage	91,562	-	-	-	-	-	-	-	-	-	91,562
Cook Island											
No. of Ships	26	21	-	-	-	5	-	-	-	-	-
Total Tonnage	36,820	8,610	-	-	-	28,210	-	-	-	-	-

Source: Samoa Ports Authority, Shipping Agents

1/: Provisional Figures

Table 5. NUMBER OF VESSELS CALLS PER MONTH BY TYPE OF VESSEL $\,1/\,$

PERIOD: JANUARY - JUNE 2014

Type of Vessels	Total	Jan	Feb	Mar	Apr	May	Jun
Total	92	14	15	19	13	18	13
General Cargo Vessel	21	4	4	5	1	3	4
Container Vessel	51	6	9	10	9	10	7
Roll On/Roll off	10	2	1	2	2	2	1
Mineral Oil Tanker	10	2	1	2	1	3	1

Source : Samoa Ports Authority, Shipping Agents

1/: Provisional Figures

 $\begin{tabular}{ll} \textbf{Table 6. NUMBER OF VESSELS THAT CARRIED INWARD/OUTWARD CARGO PER MONTH 1/PORT: APIA \\ \end{tabular}$

PERIOD: JANUARY - JUNE 2014

			Type of Vess	sel	
Number of		General			Mineral
Calls		Cargo	Container	Roll on/	Oil
	Total	Vessel	Vessel	Roll off	Tanker
Total					
Inward	80	11	50	10	9
Outward	50	14	36	-	-
January					
Inward	14	4	6	2	2
Outward	9	4	5	-	-
February					
Inward	14	3	9	1	1
Outward	9	2	7	-	-
March					
Inward	18	4	10	2	2
Outward	6	-	6	-	-
April					
Inward	11	-	8	2	1
Outward	7	1	6	-	-
May					
Inward	14	-	10	2	2
Outward	9	3	6	-	-
June					
Inward	9	-	7	1	1
Outward	10	4	6	-	-

Source: Samoa Shipping Authority, Shipping Agents

1/: Provisional Figures

Note: A vessel may call in more than once and its subsequent calls are counted as separate vessels. Twelve vessels that had no inward cargo were excluded

Table 7. INWARD/OUTWARD CARGO (in metric tonnes) FLOW PER MONTH BY TYPES OF VESSEL 1/

PERIOD: JANUARY - JUNE 2014

			Type of Vessel		
		General			Mineral
Number of	Total	Cargo	Container	Roll on/	Oil
Calls		Vessel	Vessel	Roll off	Tanker
Total					
Inward	100,463	113	63,103	5,137	32,110
Outward	18,647	459	18,188	-	-
January					
Inward	14,610	10	8,644	1,253	4,703
Outward	2,395	85	2,310	-	-
February					
Inward	16,379	81	9,426	1,003	5,869
Outward	3,583	88	3,495	-	-
March					
Inward	21,047	22	12,325	1,404	7,296
Outward	3,385	-	3,385	-	-
April					
Inward	9,005	-	8,210	715	80
Outward	2,057	44	2,013	-	-
May					
Inward	19,961	-	12,147	553	7,261
Outward	2,511	127	2,384	-	-
June					
Inward	19,461	-	12,351	209	6,901
Outward	4,716	115	4,601	-	

Source: Samoa Ports Authority, Shipping Agents

1/: Provisional Figures