



## WS: Pacific Regional Connectivity Program: Phase 3 - Samoa (P128904)

EAST ASIA AND PACIFIC | Samoa | Digital Development Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2015 | Seq No: 8 | ARCHIVED on 20-Dec-2018 | ISR34080 |

Implementing Agencies: Ministry of Finance, Independent State of Samoa

## Key Dates

### Key Project Dates

Bank Approval Date: 19-Jun-2015

Effectiveness Date: 04-Sep-2015

Planned Mid Term Review Date: 23-Jul-2018

Actual Mid-Term Review Date: 20-Aug-2018

Original Closing Date: 31-Jul-2020

Revised Closing Date: 31-Jul-2020

## Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The Project development objective is to reduce the cost and increase the availability of Internet services in the Independent State of Samoa.

Has the Project Development Objective been changed since Board Approval of the Project Objective?

No

## Components

Name

Component 1. Samoa-Fiji Cable:(Cost \$47.64 M)

Component 1 (a) Submarine Cable System:(Cost \$37.38 M)

Component 1 (b) Landing stations and ancillary equipment:(Cost \$2.85 M)

Component 1(s) Additional costs:(Cost \$7.41 M)

Component 2. ICT Regulatory Technical Assistance:(Cost \$1.44 M)

Component 3. Project implementation and administration:(Cost \$0.86 M)

## Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	● Satisfactory	● Satisfactory
Overall Implementation Progress (IP)	● Satisfactory	● Satisfactory
Overall Risk Rating	● Substantial	● Substantial

## Implementation Status and Key Decisions

1. **Submarine Cable System:** Since the Tui Samoa cable was RFS, operators report significant increase in volume of data use. Operators are offering new plans with more data. A survey commissioned by Office of the Regulator in Samoa (OOTR) earlier in 2018 showed that consumers in the remote rural areas are dissatisfied with mobile broadband service due to coverage gaps and perceived higher than desired prices. Since then, Telco's have been upgrading their networks to universal 3G coverage in 2018 and targeting universal 4G coverage in 2019.



2. **Regulatory technical assistance.** OOTR needs assistance with the OOTR Development Plan to guide their future planning and operations. OOTR is to: update the OOTR capacity building plan; complete the recruitment of cost modelling consultants; review and revise recent consumer surveys particularly analytical component in light of WB comments. OOTR expressed a need for a management information system details of which need further clarification.
3. **Project Savings.** MOF advised on August 22 that project savings totaled USD\$10.4million of which IDA = USD\$4.7million, ADB savings = USD\$5.2million and APIP (DFAT) = USD\$0.54million. Actual savings amount to be confirmed once the project's contracts register and interim finance reports are updated, resubmitted and finalized. The Government proposed list of priority activities for which they would like to use the savings is as follows: (a) Implement a Digital Identification scheme and associated upgrade of Civil register. Mission and Government agreed in principle on the prospective use of IDA funds for this activity which is to be completed by Q1, 2021. (b) Additional network infrastructure for Samoa National Broadband Highway (SNBH), (the existing government communications network). WB and Government have agreed that the Government will undertake a detailed assessment and prepare a business and financial sustainability plan for SNBH before a final decision is taken. (c) Install additional ancillary infrastructure at the Cable Landing Station (CLS) plus Meet Me Rooms - to be used by smaller internet service providers (ISPs) to connect to the Tui Samoa. The Mission discussed APIP resources being used for this activity. (d) Finance SSCC's equity participation in the planned Manatua Cable - connecting French Polynesia, Cook Islands, Niue and Samoa. ADB is already financing this request with Government of New Zealand. (e) Advisory assistance to help the Government set up a Government Digital Platform - as basis for future digital government development. WB savings could be used here.
4. **Restructuring Paper.** Taking into account the priority list above, the Government is requested to provide in writing to the WB and ADB, revised implementation timeline, procurement plan and budget. WB and ADB will then prepare restructuring papers addressing redeployment of funds and amended Legal Agreements to respective Boards.
5. **Results Framework.** The market in Samoa has changed such that the current indicators are no longer workable. A revised set of indicators was supplied to OOTR which will consider and will incorporate data requests to operators for the agreed indicators into the 'questionnaire to operators' under order of Regulator No.217/T37. The new agreed indicators will be included in new results framework.

## Risks

### Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	● Moderate	● Moderate	● Moderate
Macroeconomic	● Moderate	● Moderate	● Moderate
Sector Strategies and Policies	● Moderate	● Moderate	● Moderate
Technical Design of Project or Program	● Substantial	● Moderate	● Moderate
Institutional Capacity for Implementation and Sustainability	● Substantial	● Moderate	● Moderate
Fiduciary	● High	● Substantial	● Substantial
Environment and Social	● Low	● Moderate	● Moderate
Stakeholders	● Substantial	● Substantial	● Substantial
Other	● Substantial	● Substantial	● Substantial
Overall	● Substantial	● Substantial	● Substantial

## Results

### PDO Indicators by Objectives / Outcomes

Impact on Telecom sector of WB Technical Assistance (composite score: 1- low impact to 5-high impact)



► Impact on Telecom sector of World Bank TA to OOTR (composite score: 1- low impact to 5-high impact) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1.00	--	3.00	5.00
Date	19-Jun-2015	--	04-Jul-2018	31-Jul-2020
Comments:	<i>Cable in service Feb 2018, Operators are shareholders</i>			

Access to Internet Services (number of subscribers per 100 people)				
► Access to Internet Services (number of subscribers per 100 people) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	27.00	--	87.00	55.00
Date	19-Jun-2015	--	31-Jul-2018	31-Jul-2020
Comments:	(Population within 3G or 4G coverage or within landline catchment)			

Retail Price of Internet Services (per Mbit/s per Month, in US\$)				
► Retail Price of Internet Services (per Mbit/s per Month, in US\$) (Amount(USD), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	11.00	--	2.22	2.00
Date	19-Jun-2015	--	31-Jul-2018	31-Jul-2020
Comments:	Lowest per GB price of retail data plan of 30day validity & data rate (3G / 4G).			

Retail Internet price--business services				
► Retail Internet price--business services (Amount(USD), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	630.00	--	45.00	100.00
Date	19-Jun-2015	--	31-Jul-2018	31-Jul-2020
Comments:	Connection price of postpaid Internet service plus one month subscription.			

Direct Project Beneficiaries				
► Direct Project beneficiaries. (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	0.00	--	83,000.00	96,000.00
Date	19-Jun-2015	--	31-Jul-2018	31-Jul-2020
Comments:	End target project beneficiaries is 50% population (i.e. 96,000). Tui Samoa Cable impact available from Feb-2018 and beneficiaries are population in 3G/ 4G coverage or in landline areas.			

**Retail Price of Internet services - residential.**

►Retail Price of Internet Services - residential (Amount(USD), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	43.00	--	34.00	19.00
Date	19-Jun-2015	--	31-Jul-2018	31-Jul-2020
Comments:	Connection price of postpaid Internet service plus one month subscription.			

**Grievances registered related to delivery of project benefits addressed.**

►Grievances registered related to delivery of project benefits addressed. (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	80.00
Date	19-Jun-2015	--	31-Jul-2018	31-Jul-2020
Comments:	Grievances data not available.			

**Grievances related to delivery of project benefits that are addressed.**

►Grievances related to delivery of project benefits that are addressed. (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	0.00
Date	19-Jun-2015	--	31-Jul-2018	31-Jul-2020
Comments:	Grievances data not available.			

**Beneficiaries that feel project investments reflected their needs.**

►Beneficiaries that feel project investments reflected their needs. (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	36.00



Date	19-Jun-2015	--	31-Jul-2018	31-Jul-2020
Comments:	Tui Samoa Cable impact available from Feb-2018 and beneficiaries are population in 3G/ 4G coverage or in landline areas (87% of population). Survey not conducted as at Jul 2018.			

<b>Female Beneficiaries.</b>				
▶Female Beneficiaries (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	44.00	50.00
Date	19-Jun-2015	--	31-Jul-2018	31-Jul-2020
Comments:	End target beneficiaries assumed (50%) of population in 3G,4G or fixed coverage. Tui Samoa Cable impact available from Feb-2018 and beneficiaries are population in 3G/ 4G coverage or in landline areas (87%).			

<b>Beneficiaries that feel project investment reflected their needs - female.</b>				
▶Beneficiaries that feel project inv. reflected their needs - female. (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	36,000.00
Date	19-Jun-2015	--	31-Jul-2018	31-Jul-2020
Comments:	End Target is 75% of female beneficiaries in the original expected coverage area. Tui Samoa Cable impact available from Feb-2018. Female beneficiaries are females in 3G/ 4G coverage or in landline areas (84,500). Survey not conducted as at Jul 2018.			

<b>Total beneficiaries - female.</b>				
▶Total beneficiaries - female. (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	84,500.00	48,000.00
Date	19-Jun-2015	--	31-Jul-2018	31-Jul-2020
Comments:	End Target assumed only 50% of population would be in 3G/4G coverage but 87% now in coverage, Tui Samoa Cable impact available from Feb-2018. Female beneficiaries are females in 3G/ 4G coverage or in landline areas (84,500).			

<b>Total beneficiaries - male.</b>				
▶Total beneficiaries - male. (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	0.00	--	84,500.00	48,000.00
Date	19-Jun-2015	--	31-Jul-2018	31-Jul-2020
Comments:	End Target assumed only 50% of population would be in 3G/4G coverage but 87% now in coverage, Tui Samoa Cable impact available from Feb-2018. Male beneficiaries are males in 3G/ 4G coverage or in landline areas (84,500).			

**Beneficiaries that feel project investment reflected their needs - male.**

►Beneficiaries that feel project investment reflected their needs - male. (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	36,000.00
Date	19-Jun-2015	--	31-Jul-2018	31-Jul-2020
Comments:	End Target is 75% of male beneficiaries in the original expected coverage area. Tui Samoa Cable impact available from Feb-2018. Male beneficiaries are males in 3G/ 4G coverage or in landline areas (84,500). Survey not conducted as at Jul 2018.			

**Wholesale Internet Bandwith Price (\$/Mbps/month)**

►Wholesale Internet Bandwith Price (\$/Mbps/month) (Amount(USD), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1,500.00	--	56.00	400.00
Date	19-Jun-2015	--	31-Jul-2018	31-Jul-2020
Comments:	Tui Samoa Cable impact available from Feb-2018. Prior capacity via SAS/ASH cable, geostationary satellite and O3B satellite. Weighted average in US\$/Mbps/month for capacity sold (note in service capacity is less than capacity sold).			

**Available International Bandwidth (mbps)**

►Available International Bandwidth (mbps). (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	250.00	--	1,243.67	3,000.00
Date	19-Jun-2015	--	31-Jul-2018	31-Jul-2020
Comments:	Bandwidth in service. (Lit capacity is 7.5 Gbps - will meet expected needs to end of project).			

Intermediate Results Indicators by Components



Component 1 (a) Submarine Cable System				
▶Length of Fiber Optic Network Built (km) (Kilometers, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	1,385.00	1,300.00
Date	19-Jun-2015	--	31-Jul-2018	31-Jul-2020

Component 1 (b) Landing stations and ancillary equipment				
▶Private Capital Mobilized (Amount(USD), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	4,190,002.00	8,000,000.00
Date	19-Jun-2015	--	31-Jul-2018	31-Jul-2020

Component 3. Project implementation and administration				
▶National installed data capacity (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	48,000.00
Date	19-Jun-2015	--	31-Jul-2018	31-Jul-2020
Comments:	Data to be provided by operators and aggregated by OOTR. . This indicates FUTURE operator expectations. As a national aggregate operators should not perceive erosion of individual competitive positions.			
▶Available (lit optical and contracted satellite) International Bandwidth (mbps) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	250.00	--	1,243.67	3,000.00
Date	19-Jun-2015	--	31-Jul-2018	31-Jul-2020
Comments:	Data to be provided by operators and aggregated by OOTR. Lit Optical Fibre and contracted satellite capacity indicates long term planning for demand. As a national aggregate operators should not perceive erosion of individual competitive positions.			

## Data on Financial Performance

### Disbursements (by loan)

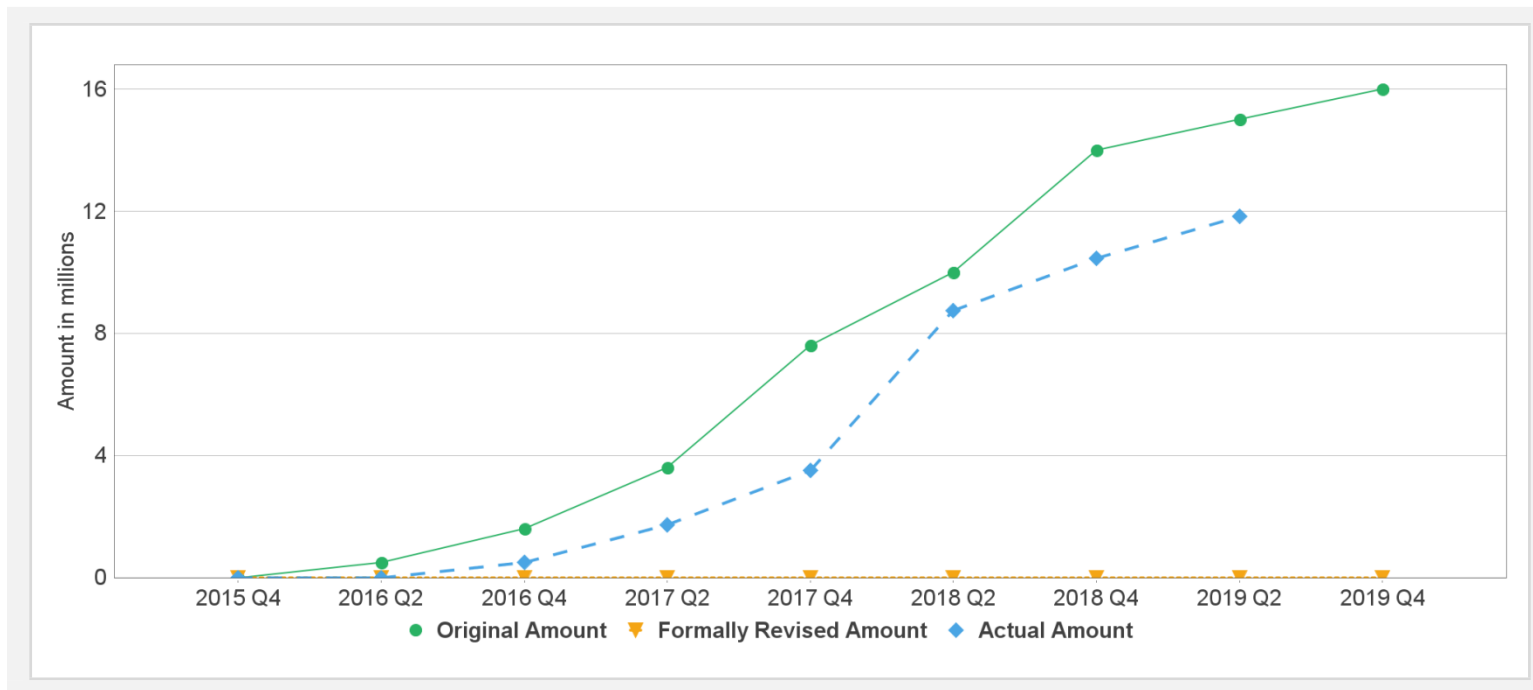


Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P128904	IDA-D0630	Effective	USD	16.00	16.00	0.00	10.96	5.25	68%
P128904	TF-A2332	Effective	USD	1.50	1.50	0.00	0.87	0.63	58%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P128904	IDA-D0630	Effective	19-Jun-2015	11-Aug-2015	04-Sep-2015	31-Jul-2020	31-Jul-2020
P128904	TF-A2332	Effective	23-Mar-2016	30-May-2016	16-Nov-2016	31-Jul-2020	31-Jul-2020

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

P163996-Test of GU in OPS 3.0 Full Name