

**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: 10 | ARCHIVED on 19-Dec-2019 | ISR38986 |

Implementing Agencies: Ministry of Finance, Independent State of Samoa, Samoa Bureau of Statistics, Samoa Submarine Cable Company, Office Of The Regulator

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: 30-Jun-2022

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?

Yes

Board Approved Revised Project Development Objective (If project is formally restructured)

The Project Development Objectives are: (a) to reduce the cost and increase the availability of internet services; and (b) to facilitate the development of initial foundations for digital government, including digital identification.

Components

Name

Component 4 (a) : Legal and regulatory enabling environment:(Cost \$0.50 M)
Component 4 (b) Advisory Assistance on a Samoa Digital Government Platform:(Cost \$0.40 M)
Component 4 (c): Establishing the NDID system and upgrading the CR system:(Cost \$3.20 M)
Component 1 (a) Submarine Cable System:(Cost \$33.00 M)
Component 1 (b) Landing stations and ancillary equipment:(Cost \$2.85 M)
Component 1(c) Additional costs:(Cost \$7.41 M)
Component 2. ICT Regulatory Technical Assistance:(Cost \$1.47 M)
Component 3. Project implementation and administration:(Cost \$1.11 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

- Submarine Cable System:** This component is completed. The Tui Samoa cable was ready for service (RFS) in February 2018 and has been operating since that time. Additional spurs to Wallis & Futuna and Savusavu (Fiji) are also now in service. Operators are reporting significant increase in the volume of data usage. Operators are now offering new data plans and prices typically with increased data.
- Regulatory technical assistance.** OOTR continues with implementation of its business plan, including building its capacity in emerging regulatory issues. OOTR has completed its nationwide consumer survey which is recommended to publish on its web site and regularly update the results of analyses of the ICT sector.
- Project Savings.** Following Government request and negotiation with the Bank, the project has been restructured with associated new Legal Agreements. The Government is now applying the IDA Project savings for digital ID implementation and associated activities under the restructured project. The implementing entity for this new component is the Samoa Bureau of Statistics (SBS) which has the institutional mandate for ID implementation as well as for civil registration. MOF has prepared a revised procurement plan and budget. The restructured project accommodates variations to the project and includes a new component 4 for digital ID implementation and associated activities. The restructured project is now effective.
- New Component 4.** The new Component 4 is supporting the Government in three interrelated key areas: (a) digital legislation, (b) digital Government platform options assessment and high-level design, and (c) digital ID program design and implementation. The Government is currently procuring consultants for legal advisory assistance under 4 (a) and (b) and technical/design consultants for digital ID and civil registration systems, and for communications advisory assistance under 4(c).

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	5.00	5.00	5.00
Date	19-Jun-2015	31-Mar-2019	31-Oct-2019	30-Jun-2022
Comments:	<i>Cable in service Feb 2018, Operators are shareholders</i>			

Users of Mobile Internet Services (number of unique 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	60.00	52.00	55.00
Date	19-Jun-2015	31-Mar-2019	31-Oct-2019	30-Jun-2022
Comments:	The number of unique mobile broadband (3G and 4G) subscribers is 51.6%. Note—there were some inaccuracies in the subscriber data previously reported. This has been verified with OOTR.			
► Retail price of internet services (lowest published price 2Gb data volume) (Amount(USD), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	16.00	16.00	4.00	5.00
Date	30-Apr-2019	30-Apr-2019	31-Oct-2019	30-Jun-2022
Comments:	Super Seki 2.5GB for WST10 - US\$4.00			
► Retail price of internet services-business (lowest published price 50Gb data volume) (Amount(USD), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	80.00	80.00	80.00	30.00
Date	30-Apr-2019	30-Apr-2019	31-Oct-2019	30-Jun-2022
Comments:	No change since April. Note these are rack rates. Actual prices are subject to negotiation and any related / complementary purchases by the subscriber.			

Direct Project Beneficiaries				
► Direct Project beneficiaries. (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	114,600.00	95,600.00	96,000.00
Date	19-Jun-2015	31-Mar-2019	31-Oct-2019	30-Jun-2022



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 but this statistics is reflects the number of actual unique subscribers. Actual previous value of 114,600.00 reflects the total number of subscriptions (people, excluding devices/IoT). 95,600 is the number of **unique** BB subscribers estimated from 1.51 SIMs per subscriber from total number of active SIMs (excl IoT) 144,000. Note that beneficiaries can be dependents of users (which would indicate that beneficiaries are most of the population).

►Project beneficiaries (female) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	86,152,000.00	86,152,000.00	48,000.00
Date	19-Jun-2015	31-Mar-2019	31-Oct-2019	30-Jun-2022

Comments: In Samoa female users of Internet exceed male users (55% vs 45%) ref published stats of Facebook, Internet World (Jun 2019) and OOTR digital inclusion survey (2017).

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	0.00	80.00
Date	19-Jun-2015	31-Mar-2019	31-Mar-2019	30-Jun-2022

Comments: Grievances data not available.

Beneficiaries that feel project investment reflected their needs - female.

►Beneficiaries that feel project inv. reflected their needs - female. (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	43,076.00	43,076.00	36,000.00
Date	19-Jun-2015	31-Mar-2019	31-Mar-2019	30-Jun-2022

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.

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	46,000.00	46,000.00	36,000.00



Date	19-Jun-2015	31-Mar-2019	31-Mar-2019	30-Jun-2022
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 (92,000). 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	107.00	107.00	400.00
Date	19-Jun-2015	31-Mar-2019	31-Oct-2019	30-Jun-2022
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). Price represents the price associated with product that has been sold, not with the lowest possible price.			

Available International Bandwidth (mbps)				
▶Available International Bandwidth (mbps). (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	250.00	7,500.00	7,500.00	3,000.00
Date	19-Jun-2015	31-Mar-2019	31-Oct-2019	30-Jun-2022
Comments:	Bandwidth in service. (Lit capacity is 7.5 Gbps).			

Coverage of the NDID system				
▶Percentage of Samoa's resident population who have received their credentials from the NDID system (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	80.00
Date	01-Jun-2019	01-Jun-2019	01-Jun-2019	30-Jun-2022
▶Population who have received their credentials from the NDID system of whom are women and girls (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	50.00
Date	01-Jun-2019	01-Jun-2019	01-Jun-2019	30-Jun-2022



The NDID system is used for service delivery				
▶Number of institutions using the NDID system for automated identity authentication of their clients (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	5.00
Date	01-Jun-2019	01-Jun-2019	01-Jun-2019	30-Jun-2022

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	1,385.00	1,300.00
Date	19-Jun-2015	31-Mar-2019	31-Oct-2019	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	1,433.00	1,433.00	48,000.00
Date	19-Jun-2015	31-Mar-2019	31-Oct-2019	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	7,500.00	7,500.00	3,000.00
Date	19-Jun-2015	31-Mar-2019	31-Oct-2019	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.			
▶Monthly volume of data downloaded--all service providers (Terabytes) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	650.00	650.00	650.00	1,250.00
Date	30-Apr-2019	30-Apr-2019	31-Oct-2019	30-Jun-2022
►Monthly peak data rate (speed of data download from Tui Samoa cable to all service providers in Samoa) (Mbps) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	4.00	4.00	4.00	7.00
Date	30-Apr-2019	30-Apr-2019	31-Oct-2019	30-Jun-2022

Component 1 (b) Landing stations and ancillary equipment				
►Private Capital Mobilized (Amount(USD), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	6,540,000.00	6,540,000.00	8,000,000.00
Date	19-Jun-2015	31-Mar-2019	31-Oct-2019	31-Jul-2020
Comments:	Unchanged. Refer to Corporations register of Samoa.			

Component 4 (a) Legal and regulatory enabling environment				
►Law establishing National Digital ID System is enacted (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	01-Jun-2019	01-Jun-2019	31-Oct-2019	30-Jun-2020

Component 4 (b) Advisory Assistance on a Samoa Digital Government Platform				
►Government digital platform implementation options assessment completed (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	01-Jun-2019	01-Jun-2019	31-Oct-2019	30-Jun-2020

Component 4 (c): Establishing the NDID system and upgrading the CR system				
►NDID implementation strategy developed (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	No	No	No	Yes
Date	01-Jun-2019	01-Jun-2019	31-Oct-2019	30-Jun-2020
►NDID awareness campaign and public consultations launched (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	01-Jun-2019	01-Jun-2019	31-Oct-2019	31-Dec-2020
►NDID system enrollment begins (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	01-Jun-2019	01-Jun-2019	31-Oct-2019	31-Mar-2021
►NDID system begins automated authentication (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	01-Jun-2019	01-Jun-2019	31-Oct-2019	30-Jun-2021
►New civil registration software is operational (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	01-Jun-2019	01-Jun-2019	31-Oct-2019	30-Dec-2021
►NDID and CR systems sharing data on births and deaths (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	01-Jun-2019	01-Jun-2019	31-Oct-2019	31-Mar-2022

Data on Financial Performance

Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
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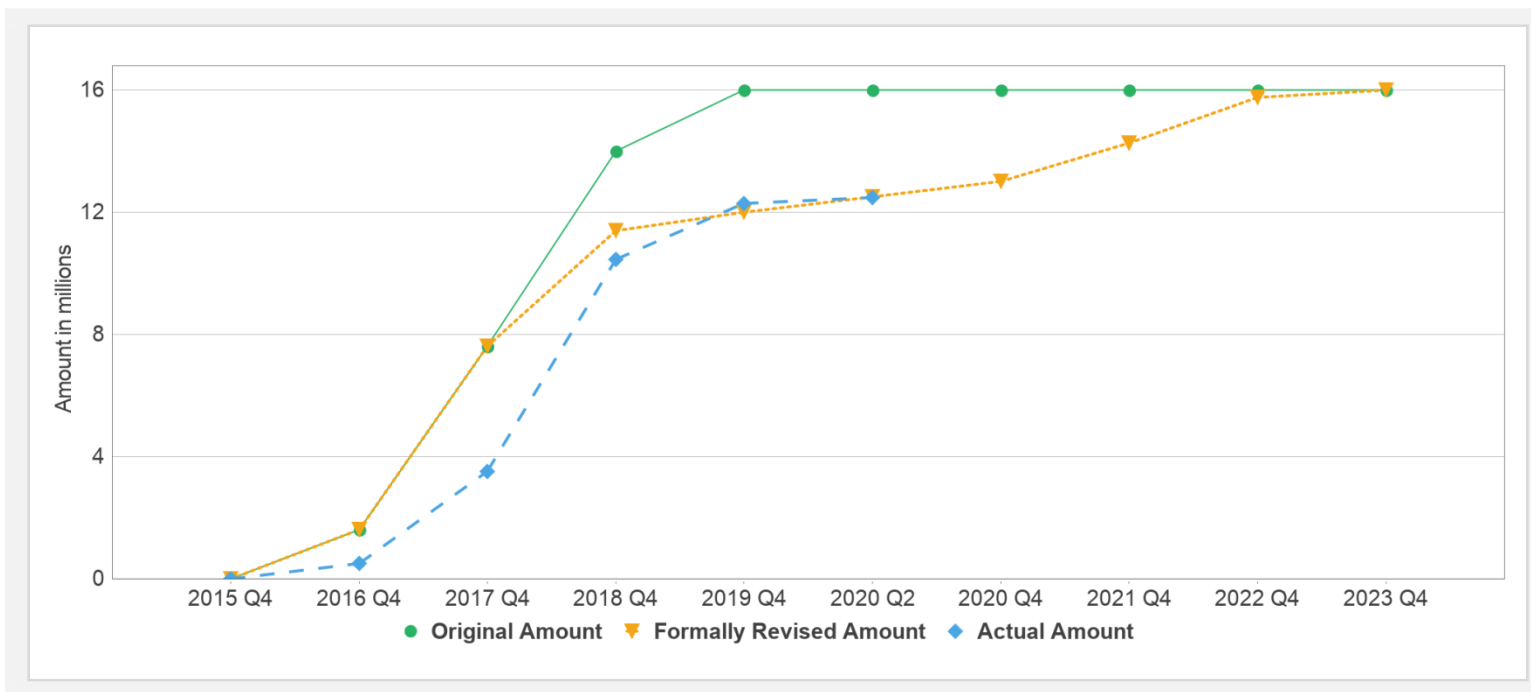


P128904	IDA-D0630	Effective	USD	16.00	16.00	0.00	11.60	4.59	<div style="width: 72%; height: 15px; background-color: #4CAF50;"></div>	72%
P128904	TF-A2332	Effective	USD	1.50	1.50	0.00	0.87	0.63	<div style="width: 58%; height: 15px; background-color: #4CAF50;"></div>	58%

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	30-Jun-2022
P128904	TF-A2332	Effective	23-Mar-2016	30-May-2016	16-Nov-2016	31-Jul-2020	31-Jul-2020

Cumulative Disbursements



Restructuring History

Level 2 Approved on 16-Aug-2019

Related Project(s)

P163996-Test of GU in OPS 3.0 Full Name