

GUYANA FORESTRY COMMISSION

NATIONAL WOOD TRACKING SYSTEM

VERSION 3.0

GEORGETOWN

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Acronyms

<i>AAC</i>	Annual Allowable Cut
<i>CCP</i>	Critical Control Point
<i>CoC</i>	Chain of Custody
<i>CoP</i>	Code of Practice for Harvesting
<i>CTA</i>	Customs and Trade Administration
<i>GFC</i>	Guyana Forestry Commission
<i>GLD</i>	Guyana Legality Definition (draft)
<i>EC</i>	Export Certificate
<i>FLEGT</i>	Forest Law Enforcement, Governance and Trade
<i>LAS</i>	Legality Assurance System
<i>MAC</i>	Maximum Allowable Cut
<i>PPRD</i>	Private Property Removal Declaration
<i>RP</i>	Removal Permit
<i>SFEP</i>	State Forest Exploratory Permit
<i>SFP</i>	State Forest Permit
<i>TMC</i>	Timber Marketing Certificate
<i>TSA</i>	Timber Sales Agreement
<i>VPA</i>	Voluntary Partnership Agreement
<i>WCL</i>	Wood Cutting Lease
<i>WTS</i>	Wood Tracking System

1.0 Introduction

A national Legality Assurance System (LAS) is one of the prerequisites of a FLEGT Voluntary Partnership Agreement. In turn, one of the central elements of a LAS are measures to control the supply chain and to ensure that the supply chain remains intact. To ensure that the supply chain is managed and controlled the Guyana Forestry Commission has developed a Wood Tracking System (WTS) which is summarized in this document.¹ Explanatory text is supplemented by tables describing steps in the process as well as flow charts illustrating essential elements of the system.

The WTS links closely to the Guyana Legality Definition (GLD) and is designed to meet specific requirements of that standard. Accordingly, the explicit indicators of the GLD are referenced in footnotes in this document.

The traceability of wood products from export to forest will be maintained under the WTS. The monitoring of wood flows requires the identification of critical control points at different locations within the supply chain as well as the monitoring of stages and processes that affect the state of the asset as it moves through the chain.

The first control point will be the source of timber and the allocation of logging rights followed by data gathering through pre-harvest inventory. Essentially, the latter will involve mapping standing trees and gathering specific metrics data such as species, size and quality as well as determining tree location. Official GFC tags with unique numbers are affixed to both the stump and the log. The process follows throughout the forest and processing operations, monitoring timber as it transforms and flows through the supply chain and reconciling data gathered at each of the individual control points. The GFC gathers information at all the supply chain control points, processes the data gathered and automatically reconciles it with data gathered at previous control points, identifying any errors or anomalies that are found in the data.

2.0 Critical control points

For the purpose of tracking and controlling timber flows, the following critical control points are identified and described in the supply chain:

- Source of timber and allocation of logging rights
- Stock inventory
- Tree felling
- Log production
- Log transport
- Confiscated timber
- Primary processing of timber

¹ Details of procedures described are contained in the Manuals of Procedures for the Forest Monitoring Division and the Forest Resource Management Division

- Downstream movement, processing and/or sale of timber
- Export of wood products

3.0 Source of timber and allocation of logging rights

Wood products coming from Guyana are derived from legally designated areas allocated according to legal prescription. Such products come from designated areas within the state forest, Amerindian reservations, mining properties, agricultural land or other private land.^{2,3}

Large concessions (area greater than 8,093 ha) are allocated via the State Forest Exploratory Permit mechanism. Areas available for SFEP allocation are publicly advertised. Applicants need to: complete an application form; tender a non-refundable fee of US\$ 20,000; provide audited financial statements for 5 years; and submit evidence of technical and financial competence.

After review by the GFC board of directors, if approved the application goes for final review by the Government of Guyana. Once approved the applicant is allowed three years to complete a management-level inventory, prepare a strategic forest management plan and conduct an environmental and social impact assessment. During the exploratory period limited commercial harvesting is allowed based on a percentage of the calculated annual allowable cut, subject to approval from the GFC.

Once the conditions of the SFEP are met the GFC through its board can make an application to the President of Guyana for issuance of a Timber Sales Agreement or Wood Cutting Lease based on area size as set by GFC. Once approved the applicant is required to submit an annual operational plan⁴ and conduct 100% pre-harvest inventory prior to commencing logging.

For small concessions (less than 8,093 ha) areas available for allocation and re-allocation are advertised as State Forest Permissions. Applicants need to provide: an application form; application fee of US\$ 25; taxpayer identification number; national ID card; and, if applicable, business registration. Applications are reviewed by the Forest Resource Allocation Committee and recommendations are forwarded to the GFC board which makes an initial decision on allocation of areas. Successful applicants are required to: provide a police clearance; pay an issuance fee of US\$100; and to undertake boundary demarcation.

Maps indicating the allocation of state forest to concessionaires are available to the public from the GFC.

4.0 Stock inventory

The TSA concessionaire⁵ is required to do 100% pre harvest inventory in accordance with GFC inventory guidelines to generate harvest stock maps. Tree location is determined by offsetting from inventory

² GLD (TSA/WCL, SFP, Private, Mining/Agriculture) Indicator 1.1.1.

³ Procedures to deal with wood imports that enter the supply chain in Guyana are under development

⁴ GLD (TSA/WCL) Indicator 2.1.1.

⁵ SFP concession holders are exempt from the requirement for 100% inventory though they must comply with

lines cut 50 m apart and flagged at 25 m intervals. Each tree is also given a unique inventory number which is written on a plastic or aluminum tag and affixed to the tree. The GFC conducts a 2.5% intensity verification exercise and once the inventory is approved a letter is sent to the concessionaire granting permission for harvesting in specific listed blocks on condition that operations are conducted according to the Code of Practice for Harvesting (CoP) .

The Annual Allowable Cut (AAC) is based on an assumed sustainable re-growth rate of 0.33 m³/ha which is prorated according to the cutting cycle to determine the maximum cut per hectare and the annual allowable number of harvest blocks. However, in the case where inventory indicates a lower volume available than the theoretical annual allowable cut the inventory volume will determine the actual Maximum Allowable Cut (MAC).

5.0 Log production⁶

GFC numbered tags are issued according to the MAC;⁷ for SFPs this is based on the total area of the concession⁸ but for TSAs it is based on the inventoried blocks⁹ and tags are issued in sequences to be used in particular blocks only.¹⁰ All unused tags must be surrendered to the GFC annually or when requested by the GFC.

On other lands – including Amerindian reservations, mining properties, agricultural leases and private lands – stock inventory is not required though special tags are issued for produce that will be used for commercial purposes off-site.

All forest produce including logs, lumber, piles, poles, and posts, with the exception of the minor forest products (e.g. charcoal, spars, wattles) must be tagged and a correspondingly numbered tag must be placed on the stump.¹¹ Tag numbers should also be painted on stumps and on produce being removed, in case tags are damaged during the operations. Tagging of multiple pieces of forest produce originated from one tree must be done with the same tag number as per the tree stump tag and labeled A,B,C, etc, as required for the number of pieces.

Special tags for logs to be used for forest infrastructure (road, bridge, culvert or building within a specific concession or leading to a concession area) can be issued on request. Log tags issued for infrastructural purposes must follow the same procedures as those issued under the normal tag issuance system. Tags issued for infrastructural purposes will not affect the quota of the concessionaire since the produce are intended for construction activities within the concession or salvaging useable produce.

other requirements of the tracking system and the CoP.

⁶ See log tracking flowchart in Annex Exhibit 12-2.

⁷ Details of the log tagging system are provided in the FMD MoP

⁸ GLD (SFP) Indicator 2.1.1.

⁹ GLD (TSA/WCL) Indicator 2.1.2.

¹⁰ GLD (TSA/WCL) Indicator 2.1.3; GLD (SFP, Amerindian/Private) Indicator 2.1.2.

¹¹ GLD (TSA/WCL) Indicator 2.1.4; GLD (SFP, Amerindian/Private) Indicator 2.1.3.

Once scaled all log data including GFC tag numbers must be entered onto the Production Register (along with the tree inventory number) and Removal Permit (RP) (or Private Property Removal Declaration (PPRD)) and subsequently declared to the GFC.

Tag usage is monitored from RPs and PPRDs. This information is then recorded in the GFC's central Management Information System Production Database and also incorporated into the Forest Management Division Tag Management and Issuance Database.¹²

Post harvest audit will be conducted by the GFC prior to official closing of the block. A sample of the stumps will be checked by a GFC officer to reconcile the GFC stump tag # with the declaration and log tag # on the Removal Permit and once everything is in order stumps will be branded to verify inspection. The purpose of the post harvest audit is to ensure that the operator has adhered to the harvesting plan, left the block in good condition and that all stumps are correctly tagged. Specifically the officer will check that the FME has only taken those trees that were in the stock list; that the numbers, species and sizes of the logs declared correspond to the trees that were felled; and that no excessive logging damage has occurred.¹³

6.0 Log transport

All transportation of logs outside the concession must be declared on, and accompanied by, an RP¹⁴ which is attached to a Production Register and lists all logs with GFC tag numbers, inventory numbers and source harvest block.¹⁵

In certain cases – for example removal of logs to a central log yard outside the concession or onward transit of logs from a logyard - Trip Sheets or Transshipment Permits can be used to accompany logs in transit but these documents must be linked to an RP. For large concessions RPs can be submitted on a monthly basis though all transport of logs must be accompanied by Trip Sheets or Transshipment Permits in such cases.

Removal of wood products from non-state forest concessions must be accompanied by a Private Property Removal Declaration.¹⁶

¹² The GFC has developed databases for the management of the Log Tracking System. Log Tag allocation is a controlled process facilitated by databases namely the FMD Tag Management and Issuance Database and the MIS Production Database. Information in relation to tag issuance and usage is recorded in the databases and is made available to the relevant Forest Stations. The information submitted on the tag request form for approval must be verified with the information in the Tag Database and with the MIS Production Database. Tag usage is recorded on Removal Permits or Private Property Declarations and this information is then recorded in the GFC's central MIS Production Database for analyzing and reporting purposes.

¹³ Sample size is estimated based on known population (trees felled), desired confidence level and interval and estimated proportion (details are described in the GFC FMD Procedures for Tag Sampling in Concessions).

¹⁴ GLD (TSA/WCL, SFP, Amerindian/Private); Indicator 2.2.1; GLD (Mining/Agriculture) Indicator 2.1.1.

¹⁵ Details of the information collected by the GFC at each control point are provided in Annex Exhibit 12-1.

¹⁶ GLD (Amerindian/Private); Indicator 2.2.1.

Inspections of removal documents – checking produce against declaration and GFC tag #s – are routinely done at forest stations located along main transport arteries. In addition, spot checks can be carried out unannounced by GFC officers on routine patrol.

7.0 Confiscated timber

For confiscated timber (timber suspected to be in breach of the regulations) Custody Forms can be issued for items that will remain in the custody of the accused or agent, or any other suitable person. Seizure Forms are issued for items that will be secured by the GFC.

All confiscated or seized timber can re-enter the legal supply chain after any necessary compensation has been paid and approved by the GFC. In such a case a Clearance Pass is issued to cover onward transit of the timber.

8.0 Primary processing¹⁷

In the Guyana WTS the formal declaration of legality of timber is confirmed at the point primary processing. This point may be in-forest (for conversion by chainsaw or portable mill) or at a static sawmill.

In the case where logs are converted in-forest (using a chainsaw or mobile mill for example) the removal and transport of lumber must be accompanied by a Removal Permit.¹⁸

Logs entering a sawmill must be entered onto the Sawmill Record of Produce Received which records Removal Permit number, source, species, type of produce and volumes.¹⁹ Sales of sawn lumber must be recorded on the Sawmill Sales Form and a monthly declaration made. Volumes of inputs and outputs must also be recorded on the monthly Return of Lumber Sawn and Lumber Produced.

From the records required to be kept and submitted by processing facilities (record of volume of material received and the volume of material sold) the GFC can calculate conversion factors and make reconciliations of input and output volumes.²⁰

9.0 Downstream movement, processing and/or sale of timber

Lumber transported from a sawmill is not covered by an official document but a bill of sale must be carried.²¹ All lumber entering a lumberyard must be recorded on the Record of Produce Received²² with sales recorded as for sawmills on the Sales Form; both must be submitted monthly to GFC.²³

¹⁷ See lumber tracking flowchart in Annex Exhibit 12-3.

¹⁸ GLD (TSA/WCL, SFP, Amerindian/Private); Indicator 2.2.2; GLD (Mining/Agriculture) Indicator 2.1.2.

¹⁹ GLD (Processing/Sale) Indicator 2.1.1.

²⁰ GLD (Processing/Sale) Indicator 2.1.4.

²¹ GLD (Processing/Sale) Indicator 2.1.3.

10.0 Export of wood products²⁴

Exporters of wood products from Guyana must complete an Application for Export of Forest Produce form²⁵. On this form the exporter must declare the wood source of the export product indicating RP and/or receipt numbers. This form will be used by the GFC officers as the basis for conducting checks to verify that the produce intended for export was legally obtained.

The exporter must also apply for a Timber Marketing Certificate and all produce to be exported must be graded by a GFC-licenced independent grader in accordance with the Guyana Grading Rules for Hardwood. The grader will brand the produce and complete the relevant sections of the TMC.

Once the GFC is in receipt of the TMC application within 48 hours a GFC Grading Inspector will do a 100 % verification of the grades assigned by the independent grader. If the GFC Grading Inspector is satisfied that the forest produce meets the necessary quality standards, the GFC Grading Inspector then affixes their brand and completes the relevant sections of the TMC. The TMC is issued to the exporter who will use the information stated to complete the other relevant documentation.

The exporter then applies for an Export Certificate. This EC is prepared by the exporter and is for products already inspected and certified by the GFC. The exporter subsequently completes the customs declaration (C72) and other forms that may be required by Customs and Trade Administration and attaches the TMC, Commercial Invoice and the application for the Timber Export Certificate.

The GFC will stamp the C72 form (4 copies) and the EC with approval for shipment and two GFC officers will sign authorizing the export of that particular batch. The complete sets of authorized documents²⁶ are then forwarded to CTA who will examine and seal the container.

11.0 Tracking²⁷

For tracking export logs the GFC tag number provides a robust means to verify legal source of the asset. In the case of large concessions it is possible to track to the source block via the RP or the tag issuance range. Since the concessionaire must enter the enumeration number of logs on the production register, and submit a stock map per block, tracking back to source stump is also possible.

²² GLD (Processing/Sale) Indicator 2.1.2.

²³ GLD (Processing/Sale) Indicator 2.2.1.

²⁴ See export flowchart in Annex Exhibit 12-4.

²⁵ GLD (Export) Indicator 2.1.1/2.1.2.

²⁶ GLD (Export) Indicator 1.1.2.

²⁷ See the Supply Chain Control and Verification table in Annex Exhibit 12-2.

For processed wood products the Application for Export of Forest Produce provides the means to identify relevant RPs and sales receipts to track to a batch of potential source logs. Using the GFC tag numbers identified it is possible to track to source concession (or private/ agricultural/mining property).

A schematic table has been developed to illustrate the flow of tracking information through a series of typical supply chain scenarios. This table is designed to provide a comprehensive snapshot of the system and its elements and provide a tool in performing tracking analyses that can test the robustness of the system (See Annex Exhibit 12-3).

12.0 Annexes

Exhibit 12-1. Data collected by GFC at each control point in the supply chain

<i>Critical Control Point</i>	<i>Documentation</i>	<i>Key Information for WTS</i>
Log production	Tag requisition request form	<ul style="list-style-type: none"> • Concessionaire information
	Issuance receipt	<ul style="list-style-type: none"> • Tag numbers and sequence
	Production Register	<ul style="list-style-type: none"> • Concession name and # • Compartment • Tag # range • Date • Forest station • Removal Permit # • Log list with inventory # and GFC tag # • Species • Source block # • Log dimensions and volume
Logs in-transit	Removal Permit	<ul style="list-style-type: none"> • Date • Concession # • Concession location • Concessionaire name • Vehicle type and #, driver name, destination • Number of tags used • Type of product • Species • Number of pieces • Volume • Amount of tags • Tag numbers
	Transshipment Permit	<ul style="list-style-type: none"> • Date • Concession # • Concession location • Concessionaire name • Vehicle type and #, driver name, destination • Number of tags used • Type of product • Species • Number of pieces • Volume • Amount of tags

Critical Control Point	Documentation	Key Information for WTS
		<ul style="list-style-type: none"> • Tag numbers • Removal Permit # • Royalty receipt #
	Trip Sheet	<ul style="list-style-type: none"> • Concession number • Concessionaire name and location • Removal Permit # • Date and time • Vehicle #, driver and destination • Produce type • Species • Amount
	Declaration of Forest Produce from Private Property	<ul style="list-style-type: none"> • Date • Property # • Property location • Property name • Vehicle type and #, driver name, destination • Number of tags used • Type of product • Species • Number of pieces • Volume • Amount of tags • Tag numbers
Confiscated Logs and Lumber	Custody Form	<ul style="list-style-type: none"> • Date • Concessionaire name • Driver's ID/driver's licence # • Officer's hammer number • Reason for seizure • Description of items detained (produce type, species, amount, ID marks).
	Seizure Form	<ul style="list-style-type: none"> • Date • Concessionaire • Description of items detained (produce type, species, amount, ID marks) • Officer's hammer number • Reason for seizure
	Clearance Pass	<ul style="list-style-type: none"> • Concessionaire • Description of produce • Removal permit/Private Property Pass #
Sawmill/Lumberyard input	Sawmill/Lumberyard Record of Produce Received/Purchased/Supply	<ul style="list-style-type: none"> • Month • Name and address of facility

Critical Control Point	Documentation	Key Information for WTS
		<ul style="list-style-type: none"> • Licence # • Date of receipt • Date and # of Removal Permit or Invoice • Species • Quantity of logs/sawnwood/other products • Origin of produce • Licence # of delivery vehicle • Name of supplier
Sawmill output	Return of Logs/Lumber Sawn and Lumber Produced	<ul style="list-style-type: none"> • Month • Name and address of facility • Species • Balance of logs from previous month • Logs received (pieces and volume) • Total logs in stock • Input of logs processed (pieces and volume) • Output of lumber (pieces and volume) • Balance of logs remaining
Lumberyard output	Monthly Lumberyard Return	<ul style="list-style-type: none"> • Name and location of lumberyard • Species • Balance (volume) brought forward • Input volumes • Total volumes in stock • Output volumes • Balance volumes in stock
Sawmill/Lumberyard sales	Wood Products Sales Form	<ul style="list-style-type: none"> • Month • Name and address of facility • Licence # • Date of sale • Product • Species • Quantity of logs/sawnwood/other products • Invoice # • GFC tag # (for log sales)
Logs and lumber export	Application for Export of Forest Produce	<ul style="list-style-type: none"> • Exporter name and address • Removal permit #s • Supplier name • Supplier's invoice/receipt #s • Copies of suppliers' receipts/invoices or transshipment permits • Exporter licence # • Location of produce

Critical Control Point	Documentation	Key Information for WTS
		<ul style="list-style-type: none"> • Date of loading
	Timber Marketing Certificate	<ul style="list-style-type: none"> • Exporter • Grade • Moisture content • Species • Description • Number of pieces • Length • Size • Grader's brand
	Export Certificate	<ul style="list-style-type: none"> • Exporter • TMC reference # • Contract # • Number of pieces • Size • Species • Description • Grade • Volume • Vessel name • Sailing date • Consignee • Grader's brand
	Customs Declaration (C72)	<ul style="list-style-type: none"> • Exporter • Tax ID # • Consignee • Ship • Description of goods • Quantity (weight) • Value of goods • Duty/tax due

Exhibit 12-2. Supply chain control and verification table

STAGE	OPERATIONAL RESPONSIBILITIES OF COMPANIES		VERIFICATION/INSPECTION/CONTROL BY GUYANA FORESTRY COMMISSION		DATA RECONCILIATION
	ACTIVITY	DATA RECORDS	ACTIVITY	DATA VALIDATION	
Pre-harvest	<ul style="list-style-type: none"> Boundary demarcation of individual coupes/blocks Pre-harvest 100% inventory of blocks to identify harvestable trees Tree marking using numbered GFC tags of harvestable trees 	<ul style="list-style-type: none"> Harvest block map Tree stock map Tree list (species, inventory # and dimensions) 	<ul style="list-style-type: none"> 2.5% field consistency check of block boundaries and inventory Issuance of tags and calculation of Maximum Allowable Cut 	<ul style="list-style-type: none"> Check of species, inventory tags, dimensions and tree location 	
Harvesting & transportation (logs)	<ul style="list-style-type: none"> Felling of trees , production of logs Tagging of stumps and logs Skidding of logs to landings Measurement and recording of logs Transportation of logs 	<ul style="list-style-type: none"> Production Register Removal Permit (plus Transshipment Permit or Trip Sheet) or Private Property Removal Declaration 	<ul style="list-style-type: none"> Check and brand logs in landings Check transport documents at forest stations Post-harvest check 	<ul style="list-style-type: none"> Log species, measurements, tag #s checked Transport documents checked for source and correct description of material Post-harvest checks against requirements of Code of Practice and volume production check against Maximum Allowable Cut (if applicable) 	
In-forest processing and transportation (lumber)	<ul style="list-style-type: none"> Processing of logs by portable mill in-forest Processing of logs by chainsaw in-forest Transportation of lumber 	<ul style="list-style-type: none"> Production Record Removal Permit (plus Transshipment Permit or Trip Sheet) or Private Property Removal Declaration 	<ul style="list-style-type: none"> Check transport documents at forest stations Post-harvest check 	<ul style="list-style-type: none"> Transport documents checked for source and correct description of material Post-harvest checks against requirements of Code of Practice and volume production check against Maximum Allowable Cut (if applicable) 	<ul style="list-style-type: none"> GFC tag #s on logs and stumps reconciled Tree inventory #, log tag #, source block and stump location reconciled
Primary processing: mill operations & transportation	<ul style="list-style-type: none"> Reception of logs Storing of logs Feeding of logs into processing lines Storing of processed 	<ul style="list-style-type: none"> Removal Permit (plus Transshipment Permit or Trip Sheet) or Private Property Removal Declaration Sawmill/Lumberyard Record of 	<ul style="list-style-type: none"> Check forms and stocks at sawmill on weekly basis Check Bill of Sale/Receipt at forest stations (or random spot checks) 	<ul style="list-style-type: none"> Sawmill returns checked against stocks Recovery rates calculated based on sawmill inputs and 	<ul style="list-style-type: none"> Legality of produce confirmed at point of first processing with Removal Permit or Private Property Removal Declaration

STAGE	OPERATIONAL RESPONSIBILITIES OF COMPANIES		VERIFICATION/INSPECTION/CONTROL BY GUYANA FORESTRY COMMISSION		DATA RECONCILIATION
	ACTIVITY	DATA RECORDS	ACTIVITY	DATA VALIDATION	
to point of export, further processing, retailer/end-user	<ul style="list-style-type: none"> lumber Sale of lumber Transportation of lumber 	<ul style="list-style-type: none"> Produce Received/Purchased/Supply Return of Logs/Lumber Sawm and Lumber Produced Wood Products Sales Form Bill of Sale/Receipt 		<ul style="list-style-type: none"> outputs Bill of Sale checked against appropriate Wood Products Sales Form 	<ul style="list-style-type: none"> Sawmill sales (volume and species) reconciled with sawmill produce received/purchased/supplied Recovery rates calculated based on sawmill inputs and outputs (volume)
Further processing: mill operations, lumberyard & transportation to point of export, retailer/end-user	<ul style="list-style-type: none"> Reception of timber raw materials Storing of timber raw materials Feeding of raw materials into processing lines Handling of processed goods Storing of lumber Transportation of lumber 	<ul style="list-style-type: none"> Bill of Sale/Receipt Sawmill/Lumberyard Record of Produce Received/Purchased/Supply Monthly Lumberyard Return Wood Products Sales Form Data (ID no, species, dimensions...) on timber raw materials received 	<ul style="list-style-type: none"> Check forms and stocks at sawmill on weekly basis Check Bill of Sale/Receipt at forest stations (or random spot checks) 	<ul style="list-style-type: none"> Lumberyard returns checked against stocks Bill of Sale checked against appropriate Wood Products Sales Form 	<ul style="list-style-type: none"> Lumber sales (volume and species) reconciled with lumber received/purchased/supplied
Point of export	<ul style="list-style-type: none"> Grading of lumber Completing relevant forms Packing of container 	<ul style="list-style-type: none"> Application for Export of Forest Produce Timber Marketing Certificate Export Certificate Customs Declaration (C72) Copies of Removal Permits or Bills of Sale 	<ul style="list-style-type: none"> Check Applications for relevant Certificates Check origin of produce Inspect and grade lumber Export clearance by customs authority 	<ul style="list-style-type: none"> Applications checked Produce graded and inspected Origin of produce checked with Removal Permits or Bills of Sale 	<ul style="list-style-type: none"> Produce and declaration on certificates reconciled Origin of produce reconciled with supplier

Exhibit 12-3. Wood Tracking System descriptive chart for tracking to source.²⁸

CoC Info													Administration			Tracking			
Supply chain scenarios													CCP	Material Form	Owner	Official Documentation	Marks	Links	Database
													Block	Tree	TSA	Stock map/Permission	Enumeration #	EN #	MIS
													Stump	Log	TSA	Tag Issuance Register/Letter	GFC tag #	Tag range	MIS
													Log market	Log	TSA	Production Register	GFC tag #	GFC tag #	MIS
													External log yard	Log	TSA	Removal Permit Transshipment Permit Trip Sheet	GFC tag #	Production Register	MIS
													Wharf	Log	TSA	Export of Forest Produce	GFC tag #	Removal Permit #s Packing List	MIS
													Stump	Log	SFP/PP	Tag Issuance Register/Letter	GFC tag #	Tag range	MIS
													Log market	Log	SFP/PP	Production Register Removal Permit/PP	GFC tag #	GFC tag #	MIS
													Log yard	Log	SFP/PP	Trip Sheet	GFC tag #	GFC tag #	MIS
													Wharf	Log	SFP/PP	Removal Permit/PP Transshipment Permit Export of Forest Produce	GFC tag #	Removal Permit #s Packing List	MIS
													Stump	Sawnwood (chainsaw)	SFP/PP	Removal Permit/PP	GFC tag #s	Production Register	MIS
													Wharf	Sawnwood (chainsaw)	SFP/PP	Removal Permit/PP Export of Forest Produce	GFC tag #s	Removal Permit #s	MIS
													Wharf	Log	Exporter	Transshipment Permit Export of Forest Produce Wood Products Sales	GFC tag #	Removal Permit #s Packing List	Export
													Sawmill log yard	Log	Sawmill	Record of Produce Received Bill of Sale	GFC tag #	Removal Permit # Trans-shipment Permit #	MIS
													Sawmill input	Sawnwood	Sawmill	Return of Lumber Sawn	-	-	MIS
													Sawmill output	Sawnwood	Sawmill	Return of Lumber Sawn	-	-	MIS
													Sawmill sales	Sawnwood	Sawmill	Wood Products Sales	-	Invoice number	MIS
													Wharf	Sawnwood	Sawmill	Export of Forest Produce	GFC tag #s (squares)	Removal Permit #s Packing List	MIS
													Wharf	Sawnwood	Exporter	Export of Forest Produce Bill of Sale	GFC tag #s (chainsawn)	Removal Permit #s Invoice #	Export
													Lumberyard input	Sawnwood	Lumberyard	Record of Produce Received Lumber Yard Return	-	Invoice number	MIS
													Lumberyard output	Sawnwood	Lumberyard	Lumber Yard Return	-	-	MIS
													Lumberyard sales	Sawnwood	Lumberyard	Wood Products Sales	-	Invoice number	MIS
													Wharf	Sawnwood	Lumberyard	Export of Forest Produce	-	Invoice number	MIS
													Wharf	Sawnwood	Exporter	Bill of Sale Export of Forest Produce	-	Invoice number	Export

²⁸ Supply chain scenarios key: yellow is wood material flow; green is point of export