What is claimed is:

1. A computer-implemented method comprising:

receiving, from a shipper of goods and by a blockchain decentralized application that manages a wallet for the shipper and wallets for multiple carriers that indicate space that is available for each respective carrier, data, in a legacy data format, that identifies the goods that are to be shipped, and a cryptographic key;

selecting, by the blockchain decentralized application and from among the wallets for multiple carriers that are managed by the blockchain centralized application, a particular wallet for a particular carrier that indicates that space is available to ship the goods;

reformatting, by the blockchain decentralized application, the data that identifies the goods that are to be shipped from the legacy data format into a standard data format;

generating, by the blockchain decentralized application, a first additional block to add to a blockchain based on the reformatted data and the cryptographic key, the first additional block including data that indicates that the wallet of the shipper has possession of the goods and data that indicates that the shipper has booked space to ship the goods in the selected, particular wallet of the particular carrier;

storing, by the blockchain decentralized application, the first additional block in the blockchain;

receiving, by the blockchain decentralized application, an indication from the shipper that the particular carrier has taken possession of the goods;

in response to receiving the indication from the shipper that the particular carrier has taken possession of the goods, generating, by the blockchain decentralized application, a second additional block to add to the blockchain based on the reformatted data and the cryptographic key, the second additional block including data that indicates that the wallet of the shipper is not in possession of the goods, and data that indicates that the selected, particular wallet of the particular carrier has possession of the goods;

storing, by the blockchain decentralized application, the second additional block in the blockchain, and

at any time before or after the goods are shipped, using, by the blockchain decentralized application, the blockchain to respond to third party shipping status queries about the goods.

2. The method of claim 1, wherein the particular wallet for the particular carrier is selected without separately querying a resource controlled by the particular carrier to determine if space is available.

3. The method of claim 1, wherein the particular wallet for the particular carrier is selected by the blockchain decentralized application without further involvement of the shipper.

4. The method of claim 1, comprising generating, by a system that includes the blockchain decentralized application, a draft bill of lading for the shipper based on data stored in the blockchain.

5. The method of claim 1, comprising generating, by a system that includes the blockchain decentralized application, a draft bill of lading for the shipper based on rules stored in a smart contract layer.

6. The method of claim 1, wherein the second additional block includes a bill of lading for the goods.

7. The method of claim 1, wherein using the blockchain to respond to third party shipping status queries comprises:

receiving a query from a customs agent; and

providing data from the first additional block and the second additional block to the customs agent in response to the query.

8. The method of claim 1, wherein the blockchain is an offline blockchain, and wherein storing the first additional block or the second additional block comprises bringing the offline blockchain online.

9. A system comprising:

one or more computers; and

one or more storage devices storing instructions that are operable, when executed by the one or more computers, to cause the one or more computers to perform operations comprising:

receiving, from a shipper of goods and by a blockchain decentralized application that manages a wallet for the shipper and wallets for multiple carriers that indicate space that is available for each respective carrier, data, in a legacy data format, that identifies the goods that are to be shipped, and a cryptographic key;

selecting, by the blockchain decentralized application and from among the wallets for multiple carriers that are managed by the blockchain centralized application, a particular wallet for a particular carrier that indicates that space is available to ship the goods;

reformatting, by the blockchain decentralized application, the data that identifies the goods that are to be shipped from the legacy data format into a standard data format;

generating, by the blockchain decentralized application, a first additional block to add to a blockchain based on the reformatted data and the cryptographic key, the first additional block including data that indicates that the wallet of the shipper has possession of the goods and data that indicates that the shipper has booked space to ship the goods in the selected, particular wallet of the particular carrier;

storing, by the blockchain decentralized application, the first additional block in the blockchain;

receiving, by the blockchain decentralized application, an indication from the shipper that the particular carrier has taken possession of the goods;

in response to receiving the indication from the shipper that the particular carrier has taken possession of the goods, generating, by the blockchain decentralized

application, a second additional block to add to the blockchain based on the reformatted data and the cryptographic key, the second additional block including data that indicates that the wallet of the shipper is not in possession of the goods, and data that indicates that the selected, particular wallet of the particular carrier has possession of the goods;

storing, by the blockchain decentralized application, the second additional block in the blockchain, and

at any time before or after the goods are shipped, using, by the blockchain decentralized application, the blockchain to respond to third party shipping status queries about the goods.

10. The system of claim 9, wherein the particular wallet for the particular carrier is selected without separately querying a resource controlled by the particular carrier to determine if space is available.

11. The system of claim 9, wherein the particular wallet for the particular carrier is selected by the blockchain decentralized application without further involvement of the shipper.

12. The system of claim 9, wherein the operations comprise generating, by the system that includes the blockchain decentralized application, a draft bill of lading for the shipper based on data stored in the blockchain.

13. The system of claim 9, wherein the operations comprise generating, by the system that includes the blockchain decentralized application, a draft bill of lading for the shipper based on rules stored in a smart contract layer.

14. The system of claim 9, wherein the second additional block includes a bill of lading for the goods.

15. The system of claim 9, wherein using the blockchain to respond to third party shipping status queries comprises:

receiving a query from a customs agent; and

providing data from the first additional block and the second additional block to the customs agent in response to the query.

16. The system of claim 9, wherein the blockchain is an offline blockchain, and wherein storing the first additional block or the second additional block comprises bringing the offline blockchain online.

17. A non-transitory computer-readable medium storing software comprising instructions executable by one or more computers which, upon such execution, cause the one or more computers to perform operations comprising:

receiving, from a shipper of goods and by a blockchain decentralized application that manages a wallet for the shipper and wallets for multiple carriers that indicate space that is available for each respective carrier, data, in a legacy data format, that identifies the goods that are to be shipped, and a cryptographic key;

selecting, by the blockchain decentralized application and from among the wallets for multiple carriers that are managed by the blockchain centralized application, a particular wallet for a particular carrier that indicates that space is available to ship the goods;

reformatting, by the blockchain decentralized application, the data that identifies the goods that are to be shipped from the legacy data format into a standard data format;

generating, by the blockchain decentralized application, a first additional block to add to a blockchain based on the reformatted data and the cryptographic key, the first additional block including data that indicates that the wallet of the shipper has possession of the goods and data that indicates that the shipper has booked space to ship the goods in the selected, particular wallet of the particular carrier;

storing, by the blockchain decentralized application, the first additional block in the blockchain;

receiving, by the blockchain decentralized application, an indication from the shipper that the particular carrier has taken possession of the goods;

in response to receiving the indication from the shipper that the particular carrier has taken possession of the goods, generating, by the blockchain decentralized application, a second additional block to add to the blockchain based on the reformatted data and the cryptographic key, the second additional block including data that indicates that the wallet of the shipper is not in possession of the goods, and data that indicates that the selected, particular wallet of the particular carrier has possession of the goods;

storing, by the blockchain decentralized application, the second additional block in the blockchain, and

at any time before or after the goods are shipped, using, by the blockchain decentralized application, the blockchain to respond to third party shipping status queries about the goods.

18. The medium of claim 17, wherein the particular wallet for the particular carrier is selected without separately querying a resource controlled by the particular carrier to determine if space is available.