

RECEIVED

JAN 09 2019

PUBLIC SERVICE
COMMISSION

ATTORNEYS



SEILLER WATERMAN LLC

Meidinger Tower, 22nd Floor
462 South Fourth Street
Louisville, Kentucky 40202
502.584.7400
502.583.2100 Fax
Direct Fax: 502.371.9286
alinker@derbycitylaw.com

January 8, 2019

Via Overnight Delivery

Gwen R. Pinson
Executive Director
211 Sower Boulevard
P.O. Box 615
Frankfort, Kentucky 40602-0615

Re: Case No. 2018-00330
Viasat Carrier Services, Inc. – Application for Designation
as an Eligible Telecommunications Carrier

Dear Ms. Pinson:

On behalf of Viasat Carrier Services, Inc. ("Viasat"), transmitted herewith is one (1) original and five (5) copies of Viasat's response to Commission Staff's First Request for Information. The response includes confidential information, which is identified as such and included in an enclosed sealed envelope.

Please date-stamp the duplicate of this filing and return it in the self-addressed, postage-prepaid envelope. Should you have any questions regarding the contents of this letter, please contact the undersigned. Thank you.

Respectfully submitted,

Alan N. Linker
Seiller Waterman LLC
Meidinger Tower, 22nd Floor
462 S. Fourth St.
Louisville, KY 40202
Office 502.584.7400
Direct Fax 502.371.9286
E-mail: alinker@derbycitylaw.com

Enclosures

Joseph H. Cohen
Alan N. Linker
Pamela M. Greenwell
David M. Cantor*
Kyle Anne Citrynell
Robert V. Waterman
Neil C. Bordy
Glenn A. Cohen
R. Kenneth Kinderman
Anuj G. Rastogi
Su H. Kang†
Sharon R. Handy
Lester I. Adams, Jr.
Lynn M. Watson
Christopher A. Bates
Sean E. Mumaw^
Gordon C. Rose
C. Shawn Fox
William P. Harbison^
Keith J. Larson**
Morgan K. Mottley
Phillip A. Pearson

Irwin Waterman
1922 – 2016

EMERITUS COUNSEL
Robert S. Frey+

OF COUNSEL
Paul J. Krazeise, Jr.
D. Kevin Ryan^

* Also admitted in Indiana & Colorado
^ Also admitted in Indiana
** Also admitted in Iowa
† Also admitted in New York
+ Also admitted in Ohio & Illinois

derbycitylaw.com®
Office GPS Coordinates:
38.251962 -85.757494

Member:
Legal Netlink Alliance
An International Alliance
of Independent Law Firms

RECEIVED

JAN 09 2019

PUBLIC SERVICE
COMMISSION

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

PETITION OF VIASAT CARRIER SERVICES, INC.)	
FOR DESIGNATION AS AN ELIGIBLE)	CASE NO.
TELECOMMUNICATIONS CARRIER TO RECEIVE)	2018-00330
CONNECT AMERICA FUND PHASE II AUCTION)	
SUPPORT FOR VOICE AND BROADBAND SERVICES)	

MOTION FOR CONFIDENTIAL PROTECTION FOR PORTIONS OF THE RESPONSE OF VIASAT CARRIER SERVICES, INC. TO COMMISSION STAFF’S FIRST REQUEST FOR INFORMATION TO VIASAT CARRIER SERVICES, INC.

Viasat Carrier Services, Inc. (Viasat), pursuant to 807 KAR 5:001, Section 13 and KRS 61.878(1)(c) and (m), hereby requests that the Kentucky Public Service Commission (the "Commission") accord confidential protection to the redacted portions of its response to Commission Staff’s First Request for Information to Viasat Carrier Services, Inc., that Viasat is filing concurrently herewith. Viasat requests that the Commission withhold this information, hereinafter referred to as the "Confidential Information," from public inspection.

The Confidential Information includes portions of Viasat’s FCC Forms 683, attached as an attachment to Viasat’s response. This is information the FCC has explicitly stated should be treated as confidential.¹

The Confidential Information is highlighted with transparent ink, printed on yellow paper, or otherwise marked "CONFIDENTIAL."

The Confidential Information is not publicly available, is not disseminated within Viasat except to those employees and professionals with a legitimate business need to know, and is not disseminated to others without a legitimate need to know and act upon the information. If, and to the extent that, the Confidential Information becomes generally available to the public, whether through filings required by

¹ FCC Form 683, Application for Connect America Fund Phase II Auctions Support, Instructions, p. 37: "Information related to a long-form applicant’s detailed technology and system design and its project funding description will be treated as confidential and will be withheld from public inspection." See also *Connect America Fund Phase II Auction Closes, Winning Bidders Announced, FCC Form 683 Due October 15, 2018*, Public Notice, DA 18-887, ¶ 27 (Aug. 28, 2018) ("Information related to a long-form applicant’s detailed technology and system design description and its project funding description will be treated as confidential and will be withheld from public inspection."); *Connect America Fund Phase II Auction Scheduled for July 24, 2018; Notice and Filing Requirements and Other Procedures for Auction 903*, Public Notice, FCC 18-6, 33 FCC Rcd 1428, ¶¶ 75, 300, 306 (2018)

other agencies or otherwise, Viasat will notify the Commission and have the information's confidential status removed pursuant to 807 KAR 5:001, Section 13(1)(b).

Portions of the Confidential Information is entitled to confidential treatment based upon KRS 61.878(1)(c)(1), which protects "records confidentially disclosed to an agency or required by an agency to be disclosed to it, generally recognized as confidential or proprietary, which if openly disclosed would permit an unfair commercial advantage to competition of the entity that disclosed the records. Other Confidential Information is entitled to confidential treatment pursuant to 807 KAR 5:001(1)(m)(1)(f), which protects "the location, configuration, or security of critical systems."

Portions of Viasat's FCC Forms 683 contain proprietary commercial information which, if disclosed, would put Viasat at an unfair disadvantage in the marketplace and an unfair advantage to its competitors. In addition, some of the responses provide details about critical utility infrastructure information. The information for which Viasat seeks protection has not previously been disclosed to the public, and in other similar proceedings has been submitted only pursuant to protective order or otherwise under seal to protect it from public inspection.

Pursuant to 807 KAR 5:001, Section 13(2)(a)(2), Viasat requests confidential treatment of the identified information for a period of ten (10) years for the date of this motion, a period of time that would extend beyond the build-out timeframe for the Carrier Access Fund Phase II Auction (Auction 903), lessening the risk of competitive harm or other risks associated with disclosure of network topography and details about utility infrastructure.

Based on the foregoing, Viasat respectfully requests that the Commission classify and protect as confidential the Confidential Information.

On this 7th day of January, 2019.

Respectfully submitted,



Alan N. Linker
Seiller Waterman LLC
Meidinger Tower, 22nd Floor
462 S. Fourth St.
Louisville, KY 40202
Office 502.584.7400
Direct Fax 502.371.9286

Service List for Case 2018-00330

*Jason Sophinos
General Counsel
349 Inverness Drive South
ViaSat, Inc.
Englewood, COLORADO 80112

*Viasat Carrier Services, Inc.
349 Inverness Drive South
Englewood, CO 80112

*Michael P Donahue
Regulatory Counsel
Marashlian & Donahue, PLLC
The Commlaw Group
1420 Spring Hill Road
Suite 205
Mclean, VIRGINIA 22102

*Denotes Served by Email

RECEIVED

JAN 09 2019

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

PUBLIC SERVICE
COMMISSION

In the Matter of:

PETITION OF VIASAT CARRIER SERVICES, INC.)
FOR DESIGNATION AS AN ELIGIBLE) CASE NO.
TELECOMMUNICATIONS CARRIER TO RECEIVE) 2018-00330
CONNECT AMERICA FUND PHASE II AUCTION)
SUPPORT FOR VOICE AND BROADBAND SERVICES)

RESPONSE TO STAFF'S FIRST REQUEST FOR INFORMATION OF VIASAT CARRIER SERVICES, INC.

Jason Sophinos, Associate General Counsel of Viasat, Inc., 349 Inverness Drive South, Englewood, CO 80112, provided the information that forms the basis for each response provided.

1. Refer to the Application, Section V, paragraph 5, in which Viasat commits to advertise the availability of Lifeline service. Describe in further detail Viasat's marketing plan and the inclusion of print, radio, television, magazines, outdoor advertising, direct marketing, and internet advertisements. Provide all examples of marketing materials.

Consistent with the Commission's requirements for eligible telecommunications carriers, supported services will be actively marketed throughout the designated areas in Kentucky, using a combination of digital and traditional media (*e.g.*, Internet, U.S. mail, radio, newspapers, magazines, outdoor advertising, direct marketing). Viasat is in the process of designing its marketing and advertising plans around specific markets and market demands. Viasat does not yet have examples of marketing materials.

2. Describe the training, education, and qualifications of the persons who will market Viasat's Lifeline service and state whether they will be employees or sub- contractors.

Neither Viasat nor Viasat, Inc. have provided Lifeline services previously. Initially, Viasat will be utilizing the assistance of outside counsel for regulatory compliance advice and assistance with reporting obligations. To start, Viasat will use Viasat, Inc.'s existing and well established independent sales channels to market Viasat's Lifeline service in addition to marketing by Viasat directly. Viasat and Viasat, Inc. employees involved in marketing Lifeline services will participate in Lifeline program training, including USAC offerings and training programs related to the National Verifier. In the future, Viasat might employ additional assistance in the provision, administration, and/or deployment of Lifeline services, but the company is still in the process of developing its CAF II team and determining the details of how its Lifeline services will be provided and deployed.

3. Refer to the Application, Section V, paragraph 8, in which Viasat states that it meets all the requirements for designation as an Eligible Telecommunications Carrier (ETC) under 47 C.F.R. §54.202.

a. Provide evidence demonstrating that Viasat has the financial and technical capabilities of providing the supported Lifeline service pursuant to 47 C.F.R. §54.202(h).

Viasat has the financial capabilities of providing the supported Lifeline service pursuant to 47 C.F.R.

§54.202(h). The FCC required that Viasat, Inc. demonstrate sufficient financial qualifications in order to bid in the CAF II Auction.¹ Viasat, Inc. is a publicly-traded company with more than \$1.5 billion in revenue for the year ending March 31, 2018. Viasat, Inc. will provide necessary funding to Viasat in addition to any CAF II Auction funding to facilitate Viasat's achievement of its service obligation milestones and ongoing operations. Accordingly, Viasat will not rely exclusively on USF disbursement for its operations in Kentucky or elsewhere and will have sufficient financial capabilities to provide voice and broadband Internet access services throughout the territories in which it seeks designation, including Lifeline service.

Viasat has the technical capabilities of providing the supported Lifeline service pursuant to 47 C.F.R. §54.202(h). Viasat, Inc. is a leading provider of communications solutions across a wide variety of technologies (both terrestrial and satellite), and has played a significant role in expanding the availability of broadband services across the country. Among other things, Viasat, Inc. has revolutionized the satellite industry by reducing the "cost per bit" of delivering broadband service. As a result, Viasat, Inc. now provides high-quality broadband service to end users, and affords millions of Americans—including in rural and "high-cost" areas—an effective competitive alternative to wired and wireless terrestrial services, which rely on infrastructure that is often less cost-effective. Viasat, Inc. has provided broadband services since 2005 and VoIP services since 2013 to customers throughout the U.S.

Viasat is qualified to meet applicable CAF II obligations given this proven track record of technical and commercial success as a provider of satellite broadband services and associated equipment. Viasat's technical qualifications have been reviewed by the Commission on numerous occasions, and the favorable results of such reviews are reflected in the multiple Commission licenses and authorizations granted to the company. Viasat, Inc. also holds a number of patents with respect to satellite technology, which cover (for example) user terminals and networking, among others, demonstrating the company's commitment to the development of innovative network solutions.

b. Provide the most recent audited financial statements of Viasat and Viasat, Inc. (VSI) .

Viasat is a newly formed entity and does not yet have audited financial statements. Viasat, Inc.'s most recent SEC Form 10-K is available here <http://investors.viasat.com/static-files/e75b82fb-e7df-4273-8212-984c1fd332fb>. Prior year SEC Form 10-Ks are available at <http://investors.viasat.com/node/18256/html>.

c. Provide the construction cost estimates and timelines for construction of the network.

Viasat is not completing any additional construction to provide CAF II services.

d. Describe in detail the persons who will be responsible for the design, construction, engineering, and operation of the network. Include any previous experience these persons have in telecommunications or in designing networks.

As stated, Viasat is not constructing a new network. Viasat is proud to have at its disposal an extensive staff of experienced engineers with expertise in the fields of communications technology, hardware design, software development, data analytics, and networking. This expertise made it possible for Viasat to confidently participate in the CAF II auction with the certainty that the company be able to fulfill its obligations. Information about Viasat, Inc.'s executive team is available here: <https://www.viasat.com/about/executive-team>.

¹ See *Connect America Fund Phase II Auction Scheduled for July 24, 2018; Notice and Filing Requirements and Other Procedures for Auction 903*, Public Notice, FCC 18-6, 33 FCC Rcd 1428 (2018).

4. Provide a map in suitable scale depicting the service area shown in Exhibit A to the Application. Include on the map the Incumbent Local Exchange Carriers (ILECs) that provide service in the same area.

For purposes of this proceeding only, the FCC specifically and explicitly provided support to companies that submitted bids based on the costs of providing service in various census block groups.² In doing so, the FCC concluded that defining bidding units based on census-determined areas was the preferred approach.³ The FCC explicitly rejected use of wire centers: “Wire centers are based on the geographic footprint of incumbent local exchange carriers and may not be compatible with the construction or expansion plans of providers that offer alternative technologies.”

The goal of the CAF II proceeding was to offer support in high-cost areas where incumbent carriers declined to provide service. Initially, the FCC offered support based on a forward-looking cost model to incumbent price cap carriers serving certain high-cost areas in exchange for committing to offer voice and broadband services meeting certain requirements in those areas. In the areas of the states where the incumbent price cap carrier declined model-based support, the Commission decided to award support through a competitive bidding process.⁴ The FCC targeted specific census block groups for CAF II bidding where incumbents had turned down funding. The FCC targeted these specific census block groups to expand access in those specific un-/underserved areas. These census block groups may not conform precisely to wire center boundaries or exchanges.

The FCC decided to use census block groups containing one or more eligible census blocks as the geographic areas for bidding.⁵ Based on available data about broadband deployment, the FCC identified as eligible census blocks those unserved and underserved census blocks in high cost and extremely high cost areas where price cap carriers declined offers of support.⁶ See **Attachment 4** for a map depicting the requested service area in Kentucky. The geographic areas depicted on the map align with census block groups identified by the FCC and do not necessarily align with the exchange areas of ILECs that provide service in Kentucky, as depicted in the map available on the Kentucky Commission’s website, here: <https://psc.ky.gov/agencies/psc/images/lecbycounty.pdf>.

5. Refer to the Application, Section V, paragraph 4, in which Viasat states that it will offer voice telephony at rates that are reasonably comparable to urban rates. Provide a chart or list of the actual rates that will be charged in the designated service areas.

Viasat is currently conducting market research to determine what mix of services potential customers would prefer and the terms upon which the services are offered. Viasat will make services available based on customer demand in each market. As a result, Viasat has not yet determined specific details of its rates and services to be offered under the CAF II program.

² *Connect America Fund Phase II Auction Scheduled for July 24, 2018, Notice and Filing Requirements and Other Procedures for Auction 903, AU Docket No. 17-182, WC Docket No. 10-90, FCC 18-6, para. 18 (rel. February 2018).*

³ *See Connect America Fund et al., WC Docket No. 10-90 et al., Report and Order and Further Notice of Proposed Rulemaking, 31 FCC Rcd 5949, para. 89 (2016).*

⁴ *Connect America Fund Phase II Auction Scheduled for July 24, 2018; Notice and Filing Requirements and Other Procedures for Auction 903, Public Notice, FCC 18-6, 33 FCC Rcd 1428, para. 3.*

⁵ *Comment Sought on Competitive Bidding Procedures and Certain Program Requirements for the Connect America Phase II Auction (Auction 903), Public Notice, 32 FCC Rcd 6238, 6241, para. 12, 6250, para. 67 (2017).*

⁶ *See Connect America Fund et al., Report and Order and Further Notice of Proposed Rulemaking, 31 FCC Rcd 5949, 5973-74, paras. 70, 72 (2016).*

For the CAF II-supported services, Viasat's rates and services must be consistent with the FCC's Urban Rate Survey benchmarks. The FCC's 2019 average urban monthly rate floor for voice services is \$26.98/month and the reasonable comparability benchmark, two standard deviations above the urban average, is \$51.61.⁷ The FCC's 2019 benchmark for broadband services depends upon the speed and usage allowance. For a broadband service that provides 25 Mbps downstream and 3 Mbps upstream and offers a monthly usage allowance of 200 GB per month, the benchmark is \$77.65.⁸

Please see <https://www.fcc.gov/general/urban-rate-survey-data-resources> for additional information about these requirements.

Because of the different service requirements of the CAF II Auction, Viasat has not determined whether its offers under that program will be the same as Viasat, Inc.'s current offers. Nonetheless, below are representative examples of current Viasat, Inc. offerings for comparison.

- Unlimited Bronze 12 - \$100.00/month (\$70.00/month for first 3 months with promotion) plus \$10.00 equipment lease fee/month, and free standard installation. This service plan provides download speeds up to 12 Mbps, and includes unlimited data and video streaming at small screen quality, typically up to 360p. After 35 GB of data usage, Viasat, Inc. may prioritize data behind other customers during network congestion, which will result in slower speeds.
- Unlimited Silver 12 - \$150.00/month (\$100.00/month for first 3 months with promotion) plus \$10.00 equipment lease fee/month, and free standard installation. This service plan provides download speeds up to 12 Mbps, and includes unlimited data and video streaming at DVD quality, typically up to 480p. After 45 GB of data usage, Viasat, Inc. may prioritize data behind other customers during network congestion, which will result in slower speeds.
- Unlimited Gold 12 - \$200.00/month (\$150.00/month for first 3 months with promotion) plus \$10.00 equipment lease fee/month, and free standard installation. This service plan provides download speeds up to 12 Mbps and includes unlimited data and video streaming at HD quality, typically up to 720p. After 65 GB of data usage, Viasat, Inc. may prioritize data behind other customers during network congestion, which will result in slower speeds.
- Price for Voice is an additional \$19.99/mo. for 6 months and \$29.99/month thereafter.

Viasat's current proposed pricing for stand-alone voice offer will be between \$35-\$55/month.

6. Refer to the Application, pages 2 and 3, in which Viasat stated that it "will outsource technical, billing, installation, and customer service matters to VSI" and that it "will also rely on the significant managerial and technical expertise of VSI," and in which Viasat indicated that VSI owns the satellites and other equipment that will be providing the service.

a. Describe how Viasat will compensate VSI for services and for the use of

⁷ See *Wireline Competition Bureau Announces Results of 2019 Urban Rate Survey for Fixed Voice and Broadband Services, Posting of Survey Data and Explanatory Notes, and Required Minimum Usage Allowances for ETCs Subject to Broadband Public Interest Obligations*, Public Notice, WC Docket No. 10-90, DA 18-1280 (rel. Dec. 20, 2018) (available here <https://docs.fcc.gov/public/attachments/DA-17-1093A1.pdf>).

⁸ *Id.*

equipment.

Viasat and Viasat, Inc. have not finalized the terms of their intercompany arrangement. Viasat, Inc. intends to provide start-up funding to Viasat until such time as the CAF II support and Viasat's own revenue enable it to operate on a stand-alone basis, including compensating Viasat, Inc. for any services or equipment it provides. Viasat was awarded \$ 1,673,145.00 in CAF II Auction funding for its operations in Kentucky over the next 10 years. Viasat will also receive revenue from the provision of service to customers. Viasat anticipates that these sources of funds will be used to enable it to operate independently of VSI within the first year of operation.

b. State whether Viasat is expected to have any employees.

Viasat's officers are Robert Blair, President & Secretary; Shawn Duffy, Vice President and Treasurer; and Kevin Harkenrider, Vice President. In addition, Krystal Lewis, Viasat, Inc.'s Privacy & Compliance Manager is Viasat's CAF II Program Manager. Initially, Viasat will rely on Viasat, Inc. for technical, billing, installation, and customer service matters as doing so is more efficient and cost-effective than creating duplicative functions. In the future, Viasat may expand its in-house capabilities by adding employees to handle the provision and administration of Viasat's CAF II services.

c. State whether Viasat owns, or anticipates owning, any of the equipment that will be used to provide service to customers in Kentucky.

Viasat will own all equipment used to provide service to customers in Kentucky.

d. Identify the portion of the CAF II Auction funding for Kentucky that Viasat would expect to pay to VSI.

Viasat and Viasat, Inc. have not finalized the terms of their intercompany arrangement. In costs associated with providing service in Kentucky will depend on the number of customers subscribing for service and the level of service those customers purchase. As a result, Viasat has not determined what portion of CAF II Auction funding it anticipates paying to Viasat, Inc. in Kentucky.

e. Explain why the winning bid was transferred to Viasat instead of being exercised by VSI directly.

Viasat, Inc. assigned its winning bid to Viasat, designating Viasat as the operating company that would receive Phase II support, in accordance with the FCC's Auction 903 procedures.⁹

7. Refer to the Application, page 7, in which Viasat generally describes how the network will function.

a. State whether any portion of the "terrestrial network," as that term is used in the Application, will be located in Kentucky.

Portions of Viasat, Inc.'s terrestrial network pass through Kentucky.

b. Identify generally where the terrestrial network is located, including where the satellite access nodes interconnect with "the Internet" and any publicly switched telephone network.

⁹ See Auction 903 Procedures Public Notice, para. 37.

See Terrestrial Network topology description and diagram in **CONFIDENTIAL** Attachment 17.

c. Describe how the network identifies the location of a customer's phone and directs 911 calls to the correct 911 dispatcher based on the location of the phone.

Viasat will transmit the user's phone number and/or location to the PSAP once the VoIP 911 is connected to the PSAP. Viasat will rely on Viasat, Inc.'s existing 911 capabilities. Viasat, Inc. provides 911 services to all of its United States based voice customers. This is accomplished by routing 911 calls to a PSAP based upon a customer's ANI (automated number identification) and transported through a wireline 911 network. The PSAP, designated state default answering point, or emergency authority is able to identify the voice caller's primary registered location through an ALI (automated location information) database.

Viasat obtains physical location from each customer as part of the voice ordering process. This information will be passed on to VSI as Viasat will be utilizing VSI's 911 capabilities. During order entry, customer care agents will ask the customer to provide their 911 address, making the distinction between service address, specifically asking customers in the event of an emergency which address is associated with their voice number for emergency services to respond to. As part of order entry, an automated real time verification of the address will be performed by a third party against the MSAG (master street address guide). Within two business days a final detailed verification will be performed by another third party agency, Intrado, to ensure service addresses are valid for emergency services to respond to. At any point where a discrepancy is found, customers will be contacted to update street address information for 911 services.

Viasat's VoIP service is not nomadic. It is a fixed service tied to the customer's existing broadband Internet access service at the customer's residence. Thus, a customer will not be able to "move" the service to another location without first notifying Viasat and having the service installed at the customer's new location. Viasat customers can always update their 911 address information by contacting Viasat.

d. Describe in detail the types of user equipment Viasat would expect to be installed or used in Kentucky in connection with the service it intends to provide.

See Section IV.B.3 of Viasat's Application. Viasat provides the customer certain customer premises equipment, including an antenna, modem, and wireless router, to connect to Viasat's broadband Internet access network. Customers that also wish to purchase Viasat's VoIP service are provided an analog telephone adaptor to connect their existing telephone to the Viasat modem.

8. State whether and explain why Viasat contends that the structure of its network, in which most or all of the components are located out of state, affects the Commission's jurisdiction over Viasat as compared to a traditional wireless provider with towers and other infrastructure located within the state.

Viasat does not contend that the structure of its network affects the Commission's jurisdiction over Viasat. In its original petition, Viasat requested ETC designation or, in the alternative, if the Commission determined that it would not exercise jurisdiction to review the petition, Viasat requested an affirmative statement that it should seek ETC designation from the FCC.

Viasat's receipt of CAF II Auction funding is conditioned upon Viasat obtaining ETC designation in the awarded areas by February 25, 2019, either from the states or directly from the FCC. The FCC has ETC designation authority when "a common carrier [is] providing telephone exchange service and exchange access that is not subject to the jurisdiction of a State commission." 47 U.S.C. § 214(e)(6). For purposes

of the CAF II Auction, the FCC has explained that petitioners seeking ETC designation from the FCC must submit "an affirmative statement from the state commission or a court of competent jurisdiction that the carrier is not subject to the state commission's jurisdiction."¹⁰ As of the date of this filing four states¹¹ have issued an affirmative statement to Viasat allowing Viasat to seek ETC designation directly from the FCC. Section 214 of the Communications Act does not expand state jurisdiction to additional services for purposes of ETC designation; instead, the Act and the FCC's rules provide for FCC designation where a state lacks authority.

The Kentucky legislature in 2015 passed de-regulatory legislation limiting the Kentucky Commission from exercising oversight of VoIP services. See SB 152 (2015); KRS 278.541. As Viasat is a fixed VoIP provider, the Kentucky Commission lacks jurisdiction over the company and should issue an affirmative statement so stating, allowing Viasat to seek ETC designation for the requested areas in Kentucky directly from the FCC.

9. Refer to the Application, page 6, in which Viasat indicated that VSI currently serves almost 600,000 residential customers and millions of personal electronic devices per month on aircraft.

a. State whether those customers are served using ViaSat-1 and/or ViaSat-2.

The customers are served by both.

b. Provide the average available capacity and the average capacity in use on ViaSat-1 and ViaSat-2 during the six months preceding December 1, 2018.

This information is not readily available. Regarding the FCC's CAF II speed and capacity requirements, Viasat is confident that the aggregate capacity available to Viasat will exceed, by a significant margin, the throughput necessary for Viasat to satisfy the FCC's speed and capacity requirements at the baseline performance tier.

c. Identify the peak demand on each satellite in terms of Gbit/s for each month from June 2018 through November 2018.

This information is not readily available. Regarding the FCC's CAF II speed and capacity requirements, Viasat is confident that the aggregate capacity available to Viasat will exceed,

¹⁰ See WCB Reminds Connect America Fund Phase II Auction Applicants of the Process for Obtaining a Federal Designation as an Eligible Telecommunications Carrier, Public Notice, WC Docket Nos. 09-197, 10-90, 33 FCC Rcd 6696 (2018), at n.4.; *Connect America Fund et al.*, WC Docket No. 10-90 *et al.*, Report and Order and Further Notice of Proposed Rulemaking, 31 FCC Rcd 5949, 5999, para. 154 (2016).

¹¹ California's legal division staff determined that because the California Public Utilities Commission has not asserted jurisdiction over satellite carriers, it would be appropriate for Viasat to go directly to the FCC to obtain ETC designation. The Florida Public Service Commission's ETC designation authority is limited to wireline ETC applications by state statute exempting other services from Florida commission oversight. Because Viasat is a facilities-based satellite provider offering broadband Internet and VoIP services, Florida provided an affirmative statement that Viasat should apply for Florida ETC designation with the FCC. West Virginia determined that its jurisdiction was foreclosed by state statute, dismissing the matter to allow Viasat to seek ETC designation directly with the FCC. Alabama staff likewise has issued a finding that it will not exercise authority to review Viasat's request for ETC designation and should instead seek ETC designation from the FCC.

by a significant margin, the throughput necessary for Viasat to satisfy the FCC's speed and capacity requirements at the baseline performance tier.

d. Describe the typical download and upload speeds received by customers on ViaSat-1 and ViaSat-2 during periods of high demand, moderate demand and low demand.

Viasat strives to give its customer the advertised speeds even during periods of high demand. Viasat prioritizes classes of traffic during congestion to limit the negative customer experience. Viasat prioritizes classes of traffic that are sensitive to real-time activities and deprioritizes traffic that is not. For example, video streaming is prioritized higher than large file downloads as video streaming is a real-time application. Therefore the speed variations during demand times will vary based on application and the level of congestion.

Regarding the FCC's CAF II speed and capacity requirements, Viasat is confident that the aggregate capacity available to Viasat will exceed, by a significant margin, the throughput necessary for Viasat to satisfy the FCC's speed and capacity requirements at the baseline performance tier.

10. State whether customers currently served by VSI using ViaSat-1 or ViaSat-2 have experienced issues with latency on voice calls, and if so, describe those issues and explain in detail why Viasat contends that they will not prevent it from offering voice-grade calls as required by 47 C.F.R. § 54.101, *et. seq.*

With respect to voice performance, Viasat has committed to meet the 4 Mean Opinion Score (MOS) standard required by the FCC.¹² Viasat, Inc.'s Internet service latency is approximately 600ms. Viasat, Inc.'s current offers are not the offers that Viasat will provide under its CAF II awards and, therefore, those services are not directly relevant to Viasat's performance. Nonetheless, in July, 2018, Viasat, Inc. conducted internal testing using the ITU-T Recommendation P.800 conversational-opinion test and other parameters required by the FCC.¹³ The test consisted of Viasat, Inc. employees randomly calling VoIP subscribers and conducting the MOS score test. The subscribers' mean score was above the score required by the FCC.

11. Explain whether customers will be limited or prevented from contacting 911 or E-911 during periods of high demand on the satellites. State whether any portion of capacity is reserved solely for use in calling 911 and E-911 when necessary.

Under normal circumstances, there is no need to prioritize voice traffic over other types of traffic on Viasat, Inc.'s network; however, to ensure the best possible experience for customers, Viasat, Inc. prioritizes voice and other latency-sensitive traffic over other Internet traffic. VSI has been providing interconnected VoIP services, including 911/E911 since 2013. Viasat will be able to take advantage of that experience and expertise to deliver its interconnected VoIP services in Kentucky. Viasat's VoIP service has similar limitations to other VoIP offers, including that the ability of customers to place 911 calls may be limited by relocation

¹² *Connect America Fund Phase II Auction Scheduled for July 24, 2018, Notice and Filing Requirements and Other Procedures for Auction 903, AU Docket No. 17-182, WC Docket No. 10-90*, FCC 18-6, para. 12, n. 17 (rel. February 2018).

¹³ *See Connect America Fund*, Order, WC Docket No. 10-90, DA 18-710, 33 FCC Rcd 6509, paras. 44-45 (2018) (available here <https://docs.fcc.gov/public/attachments/DA-18-710A1.pdf>).

of the customer's equipment, network outages, power outages, or loss of Internet connectivity. Consistent with the FCC's requirements for interconnected VoIP service, Viasat's customer agreement will, in clear, prominent language, advise customers of the circumstances in which the service may be unavailable or may be limited by comparison to traditional landline service.

12. Identify each state or territory in which VSI, Viasat, or an affiliate that will provide service using ViaSat-1 and ViaSat-2 was selected as the winning bidder under the FCC's Connect America Fund Phase II Auction. For each such state identify the number of additional customers expected to be served in 2019, 2020, and 2021 as a result of those winning bids.

Each of the winning bid areas currently is covered by ViaSat-1 and/or ViaSat-2. For a list of each state in which Viasat was awarded funds in Auction 903, see Connect America Fund Phase II Auction (Auction 903) Closes; Winning Bidders Announced; FCC Form 683 Due October 15, 2018, Public Notice, DA-18-887 (rel. Oct. 15, 2018), at Attachment A, available at <https://www.fcc.gov/document/connect-america-auction-expand-broadband-713176-rural-locations>. The FCC listed, in Attachment A to the Public Notice, the number of locations assigned per state. In Kentucky, the FCC awarded Viasat 4,169 locations. The availability of voice and broadband services will roll out in keeping with the FCC's performance and build-out requirements, set forth in the CAF II Auction rules. The FCC has established performance and build-out standards pertaining to locations within census blocks. The FCC requires, as a condition of receiving CAF II Auction funds, that providers build out to 40 percent of assigned homes and business within a state within three years of becoming authorized to receive support. In each state, build-out must increase by 20 percent in each subsequent year, to be complete by the end of the sixth year.¹⁴

13. Refer to the Application, pages 7 and 8, in which Viasat indicated that ViaSat-1 provides at least 140 Gbit/s of total capacity and ViaSat-2 provides a maximum potential capacity of approximately 260 Gbit/s.

a. State whether Viasat contends that it will be able to offer 2 gigabytes per month in data usage to all projected customers in 2019, 2020, and 2021, given the historical demand on the satellites.

Viasat is required to be capable of providing the CAF II required Baseline tier of service to all customers that request the service. The Baseline service tier requires that bidders commit to provide at least one service offering that provides at least 25 Mbps downstream and 3 Mbps upstream (25/3 Mbps) and a minimum usage allowance of 150 GB per month, or that reflects the average usage of a majority of fixed broadband customers, whichever is higher.¹⁵ The minimum monthly usage allowance for 2019 is 215 GB.¹⁶

¹⁴ See *Connect America Fund et al.*, WC Docket No. 10-90 *et al.*, Report and Order and Further Notice of Proposed Rulemaking, 31 FCC Rcd 5949, paras. 40 *et seq* (2016).

¹⁵ *Connect America Fund et al.*, Report and Order and Further Notice of Proposed Rulemaking, WC Docket Nos. 10-90, 14-58, 14-259, FCC 16-64, 31 FCC Rcd 5949, paras. 2, 24-25 (2016) (available here <https://docs.fcc.gov/public/attachments/FCC-16-64A1.pdf>). See also *Connect America Fund Phase II Auction Scheduled for July 24, 2018; Notice and Filing Requirements and Other Procedures for Auction 903*, Public Notice, FCC 18-6, 33 FCC Rcd 1428, para. 12 (2018) (available here <https://docs.fcc.gov/public/attachments/FCC-18-6A1.pdf>).

¹⁶ See *Wireline Competition Bureau Announces Results of 2019 Urban Rate Survey for Fixed Voice and Broadband Services, Posting of Survey Data and Explanatory Notes, and Required Minimum Usage Allowances for ETCs Subject to Broadband Public Interest Obligations*, Public Notice, WC Docket No. 10-90, DA 18-1280 (rel. Dec. 20, 2018) (available here <https://docs.fcc.gov/public/attachments/DA-17-1093A1.pdf>).

Viasat will meet these requirements.

b. If the response to part a. is in the affirmative, explain every basis for your response.

See Section IV of Viasat's Application and **CONFIDENTIAL** Attachment 17 for a discussion of Viasat's capability to satisfy the speed and capacity requirements of the CAF II program and achievement of CAF II build-out milestones.

c. If the response to part a. is in the negative, explain how Viasat contends that it will be able to meet the minimum standards as set forth in 47 C.F.R. § 54.408.

14. Describe generally how Viasat intends to spend funds awarded under the FCC's Connect America Fund Phase II Auction for areas in Kentucky, including whether Viasat intends to use amounts awarded to fund ViaSat-3 in any manner.

Viasat will use federal universal service support only for the provision, maintenance, and upgrading of facilities and services for which the support is intended, in accordance with 47 U.S.C. § 254(e). More specifically, Viasat intends to use CAF support to offset the per-location costs associated with the provision of supported service in each state, including Kentucky. For example, Viasat would use funding to offset costs of acquisition of network capacity, provision and installation of CPE, service delivery functions, and sales and marketing costs.

15. State whether Viasat has begun negotiations for or plans to enter into any interconnection agreements with ILECs, and explain the basis for this response.

Viasat currently does not plan to enter into interconnection agreements with any other carriers, including ILECs, to facilitate service provided in CAF Phase II awarded areas. Viasat will utilize only Viasat, Inc.'s satellite and terrestrial network to provide services in Kentucky.

16. State whether Viasat is seeking to be designated an ETC in Kentucky for the purpose of receiving Lifeline reimbursement from the Kentucky Universal Service Fund.

At this time, Viasat is not seeking to be designated an ETC in Kentucky for the purpose of receiving Lifeline reimbursement from the Kentucky Universal Service Fund.

17. Provide the date by which Viasat will file the FCC Form 683 application or provide a copy of the same if completed.

The confidential version of Viasat's FCC Form 683 is attached as **CONFIDENTIAL** Attachment 17.

18. Confirm that Viasat will collect fees or otherwise contribute to the appropriate 911 emergency service authority in its service area.

Yes, Viasat will collect all applicable fees and otherwise contribute to the appropriate 911 emergency service authority in its service area.

19. Confirm that Viasat will comply with the annual assessment and gross earnings reports requirements pursuant to KRS 278.130-150.

Yes, Viasat will comply with the annual assessment and gross earnings reports requirements pursuant to KRS 278.130-150.

20. Confirm that Viasat will collect or otherwise contribute the Kentucky Telecommunications Relay Service/ Telecommunications Access Program surcharge, currently \$.03 per line per month, for each Viasat Kentucky customer for both Lifeline and non-Lifeline service.

Yes, Viasat will collect or otherwise contribute the Kentucky Telecommunications Relay Service/ Telecommunications Access Program surcharge, currently \$.03 per line per month, for each Viasat Kentucky customer for both Lifeline and non-Lifeline service.

21. Confirm that Viasat will collect or otherwise contribute to the Kentucky Universal Service Fund per-line surcharge, currently \$0.09 per line per month, for each Viasat Kentucky customer for both Lifeline and non-Lifeline service.

Yes, Viasat will collect or otherwise contribute to the Kentucky Universal Service Fund per-line surcharge, currently \$0.09 per line per month, for each Viasat Kentucky customer for both Lifeline and non-Lifeline service.



Alan N. Linker
Seiller Waterman LLC
Meidinger Tower, 22nd Floor
462 S. Fourth St.
Louisville, KY 40202
Office 502.584.7400
Direct Fax 502.371.9286
E-mail: alinker@derbycitylaw.com

cc: Parties of Record

Service List for Case 2018-00330

*Alan N. Linker
Seiller Waterman, LLC
462 S. Fourth Street Meidinger Tower, 22nd Floor
Louisville, KENTUCKY 40202

*Jason Sophinos
General Counsel
349 Inverness Drive South
ViaSat, Inc.
Englewood, COLORADO 80112

*Viasat Carrier Services, Inc.
349 Inverness Drive South
Englewood, CO 80112

*Michael P Donahue
Regulatory Counsel
Marashlian & Donahue, PLLC
The Commlaw Group
1420 Spring Hill Road
Suite 205
Mclean, VIRGINIA 22102

*Denotes Served by Email

CERTIFICATION

STATE OF CALIFORNIA)

COUNTY OF SAN DIEGO)

I, Robert Blair, state that I am the President of Viasat Carrier Services, Inc.; that I am authorized to make this Certification on behalf of Viasat Carrier Services, Inc.; that the foregoing RESPONSE TO STAFF'S FIRST REQUEST FOR INFORMATION OF VIASAT CARRIER SERVICES, INC. was prepared under my direction and supervision; and that the contents are true and correct to the best of my knowledge, information, and belief.

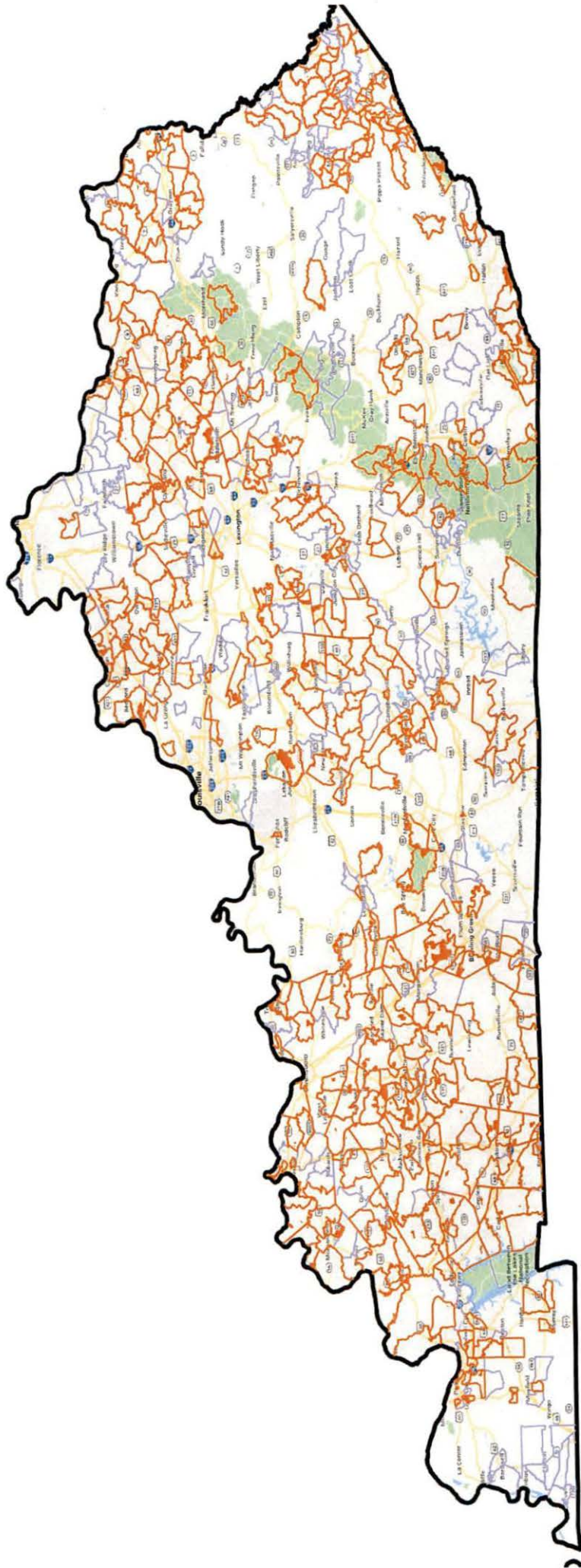
I declare under penalty of perjury under the laws of the State of Kentucky that the foregoing is true and correct.

Executed this 7th day of January, 2019.



Robert Blair
President
Viasat Carrier Services, Inc.
349 Inverness Drive South
Englewood, CO 80112

Attachment 4



Attachment 17



(Print Copy For Reference Only)
Auctions: Form 683

Status: **Submitted**
Date Received: 10/15/18
File Number: 0008401980

Applicant Information

Legal Classification

Corporation

Applicant Name

Entity Name

Viasat Carrier Services, Inc.

Address

6155 El Camino Real
Carlsbad , CA 92009
United States

Jurisdiction of Formation

Delaware

Responsible Party: Corporation

Name

Robert Blair
President and Secretary

Phone

(760) 476-2200

Email

robert.blair@viasat.com

Contact Information

Name

Christopher J Murphy

Phone

(760) 893-3269

Fax

(760) 929-3941

Email

christopher.murphy@viasat.com

Address

6155 El Camino Real
Carlsbad , CA 92009
United States

Winning Bids ETC Designation

Package/Item Name

ETC

State

Financial Statements

Question

Did the applicant submit audited financial statements with its short-form application?

Response

Yes

Winning Bids

Winning Bids Attachments

File Name	Type	Description	State	Date Uploaded	Upload Status
VCS Initial Project Overview.pdf	Initial Project Overview	Initial Project Overview	All states	10/15/2018 12:31:10 PM ET	Converted Successfully
CONFIDENTIAL VCS Project Funding Description.pdf	Project Funding Description	CONFIDENTIAL Project Funding Description	All states	10/15/2018 12:35:02 PM ET	Converted Successfully
VCS Spectrum Access.pdf	Spectrum Access	Spectrum Access	All states	10/15/2018 12:36:36 PM ET	Converted Successfully

Winning Bids Summary

^x indicates a package (followed by the number of items within the package)

[Show Bid Details](#)

Winning Bid	State	Items	ETC	Status of Support
AZ-005-0005004	AZ	1	No	-

Winning Bid	State	Items	ETC	Status of Support
AZ-005-0021007	AZ	1	No	-
AZ-007-0002001	AZ	1	No	-
AZ-007-0004003	AZ	1	No	-
AZ-007-0010002	AZ	1	No	-
AZ-007-0011003	AZ	1	No	-
AZ-013-0405152	AZ	1	No	-
AZ-013-0405161	AZ	1	No	-
AZ-013-0610281	AZ	1	No	-
AZ-013-0610393	AZ	1	No	-
AZ-013-0611001	AZ	1	No	-
AZ-013-0822071	AZ	1	No	-
AZ-013-1036081	AZ	1	No	-
AZ-013-1125141	AZ	1	No	-
AZ-013-1152003	AZ	1	No	-
AZ-013-1166102	AZ	1	No	-
AZ-013-1169001	AZ	1	No	-
AZ-013-2168092	AZ	1	No	-
AZ-013-2168191	AZ	1	No	-
AZ-013-2168211	AZ	1	No	-
AZ-013-4201101	AZ	1	No	-
AZ-013-4203041	AZ	1	No	-
AZ-013-4207071	AZ	1	No	-
AZ-013-4223013	AZ	1	No	-
AZ-013-4223072	AZ	1	No	-
AZ-013-4226151	AZ	1	No	-
AZ-013-4226311	AZ	1	No	-
AZ-013-4226393	AZ	1	No	-
AZ-013-4226441	AZ	1	No	-
AZ-013-6108001	AZ	1	No	-
AZ-013-8104002	AZ	1	No	-
AZ-013-8143001	AZ	1	No	-
AZ-013-8152001	AZ	1	No	-
AZ-021-0002012	AZ	1	No	-
AZ-025-0006071	AZ	1	No	-
AZ-025-0006102	AZ	1	No	-
AZ-025-0007003	AZ	1	No	-
AZ-025-0014011	AZ	1	No	-
CA-001-4060003	CA	1	No	-
CA-001-4090002	CA	1	No	-
CA-001-4220002	CA	1	No	-
CA-001-4351022	CA	1	No	-
CA-001-4358001	CA	1	No	-
CA-001-4419232	CA	1	No	-
CA-001-4501021	CA	1	No	-

Winning Bid	State	Items	ETC	Status of Support
CA-001-4501023	CA	1	No	-
CA-001-4506012	CA	1	No	-
CA-001-4507411	CA	1	No	-
CA-001-4507431	CA	1	No	-
CA-001-4507441	CA	1	No	-
CA-001-4507521	CA	1	No	-
CA-001-4511013	CA	1	No	-
CA-001-4511015	CA	1	No	-
CA-001-9820001	CA	1	No	-
CA-007-0011002	CA	1	No	-
CA-007-0013003	CA	1	No	-
CA-013-3050003	CA	1	No	-
CA-013-3090001	CA	1	No	-
CA-013-3170001	CA	1	No	-
CA-013-3452042	CA	1	No	-
CA-013-3470002	CA	1	No	-
CA-013-3540022	CA	1	No	-
CA-013-3553045	CA	1	No	-
CA-013-3580005	CA	1	No	-
CA-013-3591032	CA	1	No	-
CA-013-3592031	CA	1	No	-
CA-013-3650023	CA	1	No	-
CA-013-3922002	CA	1	No	-
CA-015-0001011	CA	1	No	-
CA-015-0002021	CA	1	No	-
CA-019-0064051	CA	1	No	-
CA-023-0102001	CA	1	No	-
CA-029-0032063	CA	1	No	-
CA-029-0033051	CA	1	No	-
CA-029-0038092	CA	1	No	-
CA-029-0043012	CA	1	No	-
CA-029-0054023	CA	1	No	-
CA-029-0055072	CA	1	No	-
CA-029-0060033	CA	1	No	-
CA-033-0001001	CA	1	No	-
CA-033-0003001	CA	1	No	-
CA-033-0003002	CA	1	No	-
CA-033-0004005	CA	1	No	-
CA-033-0006001	CA	1	No	-
CA-033-0006005	CA	1	No	-
CA-033-0007011	CA	1	No	-
CA-033-0010001	CA	1	No	-
CA-033-0010002	CA	1	No	-
CA-033-0010004	CA	1	No	-

Winning Bid	State	Items	ETC	Status of Support
CA-033-0011001	CA	1	No	-
CA-033-0012002	CA	1	No	-
CA-033-0013002	CA	1	No	-
CA-033-0013003	CA	1	No	-
CA-037-1014002	CA	1	No	-
CA-037-1066032	CA	1	No	-
CA-037-6703263	CA	1	No	-
CA-037-8003261	CA	1	No	-
CA-037-9003001	CA	1	No	-
CA-037-9102051	CA	1	No	-
CA-037-9108081	CA	1	No	-
CA-037-9200321	CA	1	No	-
CA-037-9201191	CA	1	No	-
CA-041-1011001	CA	1	No	-
CA-041-1031002	CA	1	No	-
CA-041-1122022	CA	1	No	-
CA-041-1302021	CA	1	No	-
CA-045-0101001	CA	1	No	-
CA-045-0108021	CA	1	No	-
CA-045-0110021	CA	1	No	-
CA-045-0111022	CA	1	No	-
CA-045-0112001	CA	1	No	-
CA-045-0118001	CA	1	No	-
CA-053-0105041	CA	1	No	-
CA-053-0113041	CA	1	No	-
CA-053-0116023	CA	1	No	-
CA-053-0130002	CA	1	No	-
CA-053-0133002	CA	1	No	-
CA-053-0140001	CA	1	No	-
CA-055-2006014	CA	1	No	-
CA-055-2009001	CA	1	No	-
CA-055-2010031	CA	1	No	-
CA-055-2012001	CA	1	No	-
CA-055-2013001	CA	1	No	-
CA-055-2016012	CA	1	No	-
CA-055-2018002	CA	1	No	-
CA-055-2019001	CA	1	No	-
CA-057-0001041	CA	1	No	-
CA-057-0001042	CA	1	No	-
CA-057-0006002	CA	1	No	-
CA-057-0007015	CA	1	No	-
CA-059-0320152	CA	1	No	-
CA-059-0320233	CA	1	No	-
CA-059-0320411	CA	1	No	-

Winning Bid	State	Items	ETC	Status of Support
CA-059-0320421	CA	1	No	-
CA-059-0320471	CA	1	No	-
CA-059-0320564	CA	1	No	-
CA-059-0320612	CA	1	No	-
CA-059-0423152	CA	1	No	-
CA-059-0423192	CA	1	No	-
CA-059-0423202	CA	1	No	-
CA-059-0423321	CA	1	No	-
CA-059-0524083	CA	1	No	-
CA-059-0524102	CA	1	No	-
CA-059-0524184	CA	1	No	-
CA-059-0524222	CA	1	No	-
CA-059-0525172	CA	1	No	-
CA-059-0525191	CA	1	No	-
CA-059-0626042	CA	1	No	-
CA-059-0626045	CA	1	No	-
CA-059-0626102	CA	1	No	-
CA-059-0626112	CA	1	No	-
CA-059-0626431	CA	1	No	-
CA-059-0755151	CA	1	No	-
CA-059-0755154	CA	1	No	-
CA-059-0756045	CA	1	No	-
CA-059-0995021	CA	1	No	-
CA-063-0001003	CA	1	No	-
CA-063-0003003	CA	1	No	-
CA-065-0406072	CA	1	No	-
CA-065-0427261	CA	1	No	-
CA-065-0429011	CA	1	No	-
CA-065-0429042	CA	1	No	-
CA-065-0432391	CA	1	No	-
CA-065-0432793	CA	1	No	-
CA-065-0438131	CA	1	No	-
CA-065-0444024	CA	1	No	-
CA-065-0494001	CA	1	No	-
CA-067-0006001	CA	1	No	-
CA-067-0008001	CA	1	No	-
CA-067-0022002	CA	1	No	-
CA-067-0053011	CA	1	No	-
CA-067-0062021	CA	1	No	-
CA-067-0072061	CA	1	No	-
CA-067-0090083	CA	1	No	-
CA-069-0001004	CA	1	No	-
CA-071-0027061	CA	1	No	-
CA-071-0045031	CA	1	No	-

Winning Bid	State	Items	ETC	Status of Support
CA-071-0078001	CA	1	No	-
CA-071-0086012	CA	1	No	-
CA-071-0086022	CA	1	No	-
CA-071-0091102	CA	1	No	-
CA-071-0097072	CA	1	No	-
CA-071-0097141	CA	1	No	-
CA-071-0100091	CA	1	No	-
CA-071-0100133	CA	1	No	-
CA-071-0104112	CA	1	No	-
CA-071-0104134	CA	1	No	-
CA-071-0104151	CA	1	No	-
CA-073-0030031	CA	1	No	-
CA-073-0051002	CA	1	No	-
CA-073-0061002	CA	1	No	-
CA-073-0065003	CA	1	No	-
CA-073-0066001	CA	1	No	-
CA-073-0100094	CA	1	No	-
CA-073-0100142	CA	1	No	-
CA-073-0132063	CA	1	No	-
CA-073-0148033	CA	1	No	-
CA-073-0150002	CA	1	No	-
CA-073-0155011	CA	1	No	-
CA-073-0160002	CA	1	No	-
CA-073-0162021	CA	1	No	-
CA-073-0166052	CA	1	No	-
CA-073-0168022	CA	1	No	-
CA-073-0168073	CA	1	No	-
CA-073-0169014	CA	1	No	-
CA-073-0170201	CA	1	No	-
CA-073-0170211	CA	1	No	-
CA-073-0170212	CA	1	No	-
CA-073-0172001	CA	1	No	-
CA-073-0184003	CA	1	No	-
CA-073-0185182	CA	1	No	-
CA-073-0187001	CA	1	No	-
CA-073-0189031	CA	1	No	-
CA-073-0190011	CA	1	No	-
CA-073-0191062	CA	1	No	-
CA-073-0193031	CA	1	No	-
CA-073-0200271	CA	1	No	-
CA-073-0201031	CA	1	No	-
CA-073-0201032	CA	1	No	-
CA-073-0203061	CA	1	No	-
CA-073-0203071	CA	1	No	-

Winning Bid	State	Items	ETC	Status of Support
CA-073-0205003	CA	1	No	-
CA-073-0207091	CA	1	No	-
CA-073-0207101	CA	1	No	-
CA-073-0208013	CA	1	No	-
CA-073-0209022	CA	1	No	-
CA-073-0210001	CA	1	No	-
CA-073-0211002	CA	1	No	-
CA-073-0213021	CA	1	No	-
CA-073-0213041	CA	1	No	-
CA-073-0213042	CA	1	No	-
CA-073-0214001	CA	1	No	-
CA-073-0219001	CA	1	No	-
CA-073-0219002	CA	1	No	-
CA-075-0105001	CA	1	No	-
CA-075-0180002	CA	1	No	-
CA-075-0601001	CA	1	No	-
CA-075-9803001	CA	1	No	-
CA-075-9809001	CA	1	No	-
CA-077-0041021	CA	1	No	-
CA-077-0042041	CA	1	No	-
CA-077-0046002	CA	1	No	-
CA-079-0103001	CA	1	No	-
CA-079-0103004	CA	1	No	-
CA-079-0106032	CA	1	No	-
CA-079-0123023	CA	1	No	-
CA-079-0123043	CA	1	No	-
CA-079-0127022	CA	1	No	-
CA-079-0127024	CA	1	No	-
CA-079-0129001	CA	1	No	-
CA-081-6030001	CA	1	No	-
CA-081-6054005	CA	1	No	-
CA-081-6076001	CA	1	No	-
CA-081-6080044	CA	1	No	-
CA-081-6086002	CA	1	No	-
CA-081-6091001	CA	1	No	-
CA-081-6091002	CA	1	No	-
CA-081-6103042	CA	1	No	-
CA-081-6117004	CA	1	No	-
CA-081-6132001	CA	1	No	-
CA-081-6132004	CA	1	No	-
CA-081-6133001	CA	1	No	-
CA-081-6133002	CA	1	No	-
CA-081-6134002	CA	1	No	-
CA-081-6134003	CA	1	No	-

Winning Bid	State	Items	ETC	Status of Support
CA-081-6138002	CA	1	No	-
CA-081-6138003	CA	1	No	-
CA-081-6138004	CA	1	No	-
CA-083-0001031	CA	1	No	-
CA-083-0005012	CA	1	No	-
CA-083-0013062	CA	1	No	-
CA-083-0017041	CA	1	No	-
CA-083-0017061	CA	1	No	-
CA-083-0017062	CA	1	No	-
CA-083-0017065	CA	1	No	-
CA-083-0019011	CA	1	No	-
CA-083-0019031	CA	1	No	-
CA-083-0019051	CA	1	No	-
CA-083-0019064	CA	1	No	-
CA-083-0020061	CA	1	No	-
CA-083-0021033	CA	1	No	-
CA-083-0024022	CA	1	No	-
CA-083-0026041	CA	1	No	-
CA-083-0029073	CA	1	No	-
CA-083-0029322	CA	1	No	-
CA-083-0030012	CA	1	No	-
CA-085-5008002	CA	1	No	-
CA-085-5031151	CA	1	No	-
CA-085-5043181	CA	1	No	-
CA-085-5046021	CA	1	No	-
CA-085-5050011	CA	1	No	-
CA-085-5050062	CA	1	No	-
CA-085-5050091	CA	1	No	-
CA-085-5051002	CA	1	No	-
CA-085-5052023	CA	1	No	-
CA-085-5052031	CA	1	No	-
CA-085-5061022	CA	1	No	-
CA-085-5081021	CA	1	No	-
CA-085-5087042	CA	1	No	-
CA-085-5092023	CA	1	No	-
CA-085-5115001	CA	1	No	-
CA-085-5116081	CA	1	No	-
CA-085-5117051	CA	1	No	-
CA-085-5118002	CA	1	No	-
CA-085-5119092	CA	1	No	-
CA-085-5120011	CA	1	No	-
CA-085-5123083	CA	1	No	-
CA-087-1009002	CA	1	No	-
CA-087-1202001	CA	1	No	-

Winning Bid	State	Items	ETC	Status of Support
CA-087-1206001	CA	1	No	-
CA-087-1209001	CA	1	No	-
CA-087-1214012	CA	1	No	-
CA-087-1224001	CA	1	No	-
CA-089-0106032	CA	1	No	-
CA-089-0108072	CA	1	No	-
CA-089-0110012	CA	1	No	-
CA-089-0118011	CA	1	No	-
CA-089-0119002	CA	1	No	-
CA-089-0119004	CA	1	No	-
CA-089-0124001	CA	1	No	-
CA-089-0126032	CA	1	No	-
CA-093-0007022	CA	1	No	-
CA-093-0007033	CA	1	No	-
CA-093-0009001	CA	1	No	-
CA-097-1502021	CA	1	No	-
CA-097-1503032	CA	1	No	-
CA-097-1505003	CA	1	No	-
CA-097-1506034	CA	1	No	-
CA-097-1506073	CA	1	No	-
CA-097-1506122	CA	1	No	-
CA-097-1507011	CA	1	No	-
CA-097-1511003	CA	1	No	-
CA-097-1512012	CA	1	No	-
CA-097-1512014	CA	1	No	-
CA-097-1513091	CA	1	No	-
CA-097-1521001	CA	1	No	-
CA-097-1526001	CA	1	No	-
CA-097-1527011	CA	1	No	-
CA-097-1529061	CA	1	No	-
CA-097-1531041	CA	1	No	-
CA-097-1535024	CA	1	No	-
CA-097-1537044	CA	1	No	-
CA-097-1537051	CA	1	No	-
CA-097-1537062	CA	1	No	-
CA-097-1538011	CA	1	No	-
CA-097-1538091	CA	1	No	-
CA-097-1540001	CA	1	No	-
CA-097-1540003	CA	1	No	-
CA-097-1541001	CA	1	No	-
CA-097-1541002	CA	1	No	-
CA-097-1541003	CA	1	No	-
CA-097-1541004	CA	1	No	-
CA-097-1542021	CA	1	No	-

Winning Bid	State	Items	ETC	Status of Support
CA-097-1543024	CA	1	No	-
CA-097-1543041	CA	1	No	-
CA-097-1543042	CA	1	No	-
CA-097-1543043	CA	1	No	-
CA-101-0502024	CA	1	No	-
CA-105-0001012	CA	1	No	-
CA-105-0001013	CA	1	No	-
CA-105-0002001	CA	1	No	-
CA-107-0044004	CA	1	No	-
CA-111-0010011	CA	1	No	-
CA-111-0053051	CA	1	No	-
CO-013-0127053	CO	1	No	-
CO-013-0136022	CO	1	No	-
CO-013-0137014	CO	1	No	-
CO-013-0137022	CO	1	No	-
CO-015-0004012	CO	1	No	-
CO-031-0014031	CO	1	No	-
CO-043-9781001	CO	1	No	-
CO-043-9785002	CO	1	No	-
CO-049-0002024	CO	1	No	-
CO-059-0111002	CO	1	No	-
CO-067-9707011	CO	1	No	-
CO-067-9709002	CO	1	No	-
CO-069-0019031	CO	1	No	-
CO-069-0024012	CO	1	No	-
CO-069-0028031	CO	1	No	-
CO-083-9694001	CO	1	No	-
CO-107-0004002	CO	1	No	-
CO-117-0001001	CO	1	No	-
CO-117-0001003	CO	1	No	-
CO-119-0101051	CO	1	No	-
ME-009-9658001	ME	1	No	-
ME-009-9666001	ME	1	No	-
ME-009-9666002	ME	1	No	-
ME-009-9667004	ME	1	No	-
ME-011-0106001	ME	1	No	-
ME-011-0200003	ME	1	No	-
ME-013-9711004	ME	1	No	-
ME-015-9751001	ME	1	No	-
ME-015-9752001	ME	1	No	-
ME-015-9755005	ME	1	No	-
ME-017-9659003	ME	1	No	-
ME-019-0205002	ME	1	No	-
ME-019-0245001	ME	1	No	-

Winning Bid	State	Items	ETC	Status of Support
ME-027-0420003	ME	1	No	-
ME-029-9555003	ME	1	No	-
ME-029-9564001	ME	1	No	-
ME-031-0235001	ME	1	No	-
ME-031-0301003	ME	1	No	-
NM-005-0008002	NM	1	No	-
NM-039-9407003	NM	1	No	-
NM-039-9441003	NM	1	No	-
NM-055-9401004	NM	1	No	-
OR-005-0221081	OR	1	No	-
OR-005-0232022	OR	1	No	-
OR-005-0234031	OR	1	No	-
OR-007-9506001	OR	1	No	-
OR-007-9511002	OR	1	No	-
OR-009-9702001	OR	1	No	-
OR-009-9702003	OR	1	No	-
OR-009-9705002	OR	1	No	-
OR-009-9705004	OR	1	No	-
OR-009-9706003	OR	1	No	-
OR-009-9709001	OR	1	No	-
OR-009-9711001	OR	1	No	-
OR-011-0001003	OR	1	No	-
OR-011-0002001	OR	1	No	-
OR-011-0009002	OR	1	No	-
OR-011-0010007	OR	1	No	-
OR-011-0011001	OR	1	No	-
OR-011-0011002	OR	1	No	-
OR-015-9501001	OR	1	No	-
OR-015-9502002	OR	1	No	-
OR-015-9503011	OR	1	No	-
OR-015-9503012	OR	1	No	-
OR-015-9503013	OR	1	No	-
OR-017-0002001	OR	1	No	-
OR-017-0002003	OR	1	No	-
OR-017-0006004	OR	1	No	-
OR-019-0100001	OR	1	No	-
OR-019-2100001	OR	1	No	-
OR-019-2100004	OR	1	No	-
OR-019-2100005	OR	1	No	-
OR-027-9501003	OR	1	No	-
OR-029-0015003	OR	1	No	-
OR-029-0023001	OR	1	No	-
OR-029-0025002	OR	1	No	-
OR-029-0026002	OR	1	No	-

Winning Bid	State	Items	ETC	Status of Support
OR-029-0028002	OR	1	No	-
OR-029-0029002	OR	1	No	-
OR-029-0030014	OR	1	No	-
OR-031-9400001	OR	1	No	-
OR-031-9601002	OR	1	No	-
OR-031-9602012	OR	1	No	-
OR-031-9602021	OR	1	No	-
OR-031-9603022	OR	1	No	-
OR-031-9603023	OR	1	No	-
OR-031-9603024	OR	1	No	-
OR-033-3601001	OR	1	No	-
OR-033-3609001	OR	1	No	-
OR-033-3614002	OR	1	No	-
OR-033-3615001	OR	1	No	-
OR-033-3616007	OR	1	No	-
OR-035-9701001	OR	1	No	-
OR-035-9701003	OR	1	No	-
OR-035-9702003	OR	1	No	-
OR-035-9703001	OR	1	No	-
OR-035-9703003	OR	1	No	-
OR-039-0002001	OR	1	No	-
OR-039-0004021	OR	1	No	-
OR-039-0005002	OR	1	No	-
OR-039-0007081	OR	1	No	-
OR-039-0007082	OR	1	No	-
OR-039-0010023	OR	1	No	-
OR-039-0011011	OR	1	No	-
OR-039-0016001	OR	1	No	-
OR-039-0031024	OR	1	No	-
OR-039-0044033	OR	1	No	-
OR-041-9501001	OR	1	No	-
OR-041-9506013	OR	1	No	-
OR-041-9508001	OR	1	No	-
OR-043-0303002	OR	1	No	-
OR-043-0303003	OR	1	No	-
OR-047-0027005	OR	1	No	-
OR-047-0028001	OR	1	No	-
OR-047-0106001	OR	1	No	-
OR-047-0106003	OR	1	No	-
OR-047-0108014	OR	1	No	-
OR-051-0002001	OR	1	No	-
OR-051-0010003	OR	1	No	-
OR-051-0011021	OR	1	No	-
OR-051-0021001	OR	1	No	-

Winning Bid	State	Items	ETC	Status of Support
OR-051-0023031	OR	1	No	-
OR-051-0023032	OR	1	No	-
OR-051-0035022	OR	1	No	-
OR-051-0041014	OR	1	No	-
OR-051-0046012	OR	1	No	-
OR-051-0073001	OR	1	No	-
OR-051-0077001	OR	1	No	-
OR-053-0204002	OR	1	No	-
OR-053-0204003	OR	1	No	-
OR-053-0205002	OR	1	No	-
OR-057-9604006	OR	1	No	-
OR-057-9604007	OR	1	No	-
OR-057-9607001	OR	1	No	-
OR-057-9608003	OR	1	No	-
OR-065-9706001	OR	1	No	-
OR-065-9707001	OR	1	No	-
OR-065-9707002	OR	1	No	-
OR-065-9708004	OR	1	No	-
OR-067-0321101	OR	1	No	-
OR-067-0327001	OR	1	No	-
OR-067-0330002	OR	1	No	-
OR-067-0334002	OR	1	No	-
OR-067-0335001	OR	1	No	-
OR-067-0335002	OR	1	No	-
OR-067-0336002	OR	1	No	-
OR-067-0336003	OR	1	No	-
OR-071-0304002	OR	1	No	-
OR-071-0305011	OR	1	No	-
PA-001-0301011	PA	1	No	-
PA-001-0301022	PA	1	No	-
PA-001-0317001	PA	1	No	-
PA-003-4060002	PA	1	No	-
PA-003-4131002	PA	1	No	-
PA-003-4131003	PA	1	No	-
PA-003-4513001	PA	1	No	-
PA-003-4950002	PA	1	No	-
PA-003-4961023	PA	1	No	-
PA-003-5030025	PA	1	No	-
PA-003-5519001	PA	1	No	-
PA-003-5640002	PA	1	No	-
PA-005-9507003	PA	1	No	-
PA-005-9516002	PA	1	No	-
PA-005-9517001	PA	1	No	-
PA-007-6006012	PA	1	No	-

Winning Bid	State	Items	ETC	Status of Support
PA-007-6006021	PA	1	No	-
PA-007-6018003	PA	1	No	-
PA-007-6018004	PA	1	No	-
PA-007-6026013	PA	1	No	-
PA-007-6026022	PA	1	No	-
PA-007-6027012	PA	1	No	-
PA-007-6027021	PA	1	No	-
PA-007-6029001	PA	1	No	-
PA-007-6032023	PA	1	No	-
PA-007-6050012	PA	1	No	-
PA-007-6053001	PA	1	No	-
PA-009-9601003	PA	1	No	-
PA-009-9602001	PA	1	No	-
PA-009-9602002	PA	1	No	-
PA-009-9604002	PA	1	No	-
PA-009-9608001	PA	1	No	-
PA-009-9610002	PA	1	No	-
PA-009-9611002	PA	1	No	-
PA-011-0004001	PA	1	No	-
PA-011-0104002	PA	1	No	-
PA-011-0105003	PA	1	No	-
PA-011-0135004	PA	1	No	-
PA-011-0137011	PA	1	No	-
PA-011-0137021	PA	1	No	-
PA-011-0139004	PA	1	No	-
PA-011-0141001	PA	1	No	-
PA-011-0141002	PA	1	No	-
PA-013-0101011	PA	1	No	-
PA-013-0101013	PA	1	No	-
PA-013-0104022	PA	1	No	-
PA-013-0104023	PA	1	No	-
PA-013-0109002	PA	1	No	-
PA-013-0110013	PA	1	No	-
PA-013-0110021	PA	1	No	-
PA-013-0110022	PA	1	No	-
PA-013-0115004	PA	1	No	-
PA-013-0116003	PA	1	No	-
PA-015-9501001	PA	1	No	-
PA-015-9501002	PA	1	No	-
PA-015-9502001	PA	1	No	-
PA-015-9502002	PA	1	No	-
PA-015-9502003	PA	1	No	-
PA-015-9502004	PA	1	No	-
PA-015-9505005	PA	1	No	-

Winning Bid	State	Items	ETC	Status of Support
PA-015-9507001	PA	1	No	-
PA-015-9508001	PA	1	No	-
PA-015-9509001	PA	1	No	-
PA-015-9509004	PA	1	No	-
PA-015-9509005	PA	1	No	-
PA-015-9512001	PA	1	No	-
PA-015-9512002	PA	1	No	-
PA-015-9513001	PA	1	No	-
PA-015-9513002	PA	1	No	-
PA-015-9513003	PA	1	No	-
PA-015-9513004	PA	1	No	-
PA-017-1004061	PA	1	No	-
PA-017-1014013	PA	1	No	-
PA-017-1054001	PA	1	No	-
PA-017-1060002	PA	1	No	-
PA-017-1062001	PA	1	No	-
PA-019-9029001	PA	1	No	-
PA-019-9102001	PA	1	No	-
PA-019-9102003	PA	1	No	-
PA-019-9102004	PA	1	No	-
PA-019-9106002	PA	1	No	-
PA-019-9110005	PA	1	No	-
PA-019-9113004	PA	1	No	-
PA-019-9114001	PA	1	No	-
PA-019-9115014	PA	1	No	-
PA-019-9116001	PA	1	No	-
PA-019-9118001	PA	1	No	-
PA-019-9118005	PA	1	No	-
PA-019-9120012	PA	1	No	-
PA-019-9123012	PA	1	No	-
PA-019-9124022	PA	1	No	-
PA-021-0102001	PA	1	No	-
PA-021-0110002	PA	1	No	-
PA-021-0111001	PA	1	No	-
PA-021-0115002	PA	1	No	-
PA-021-0117001	PA	1	No	-
PA-021-0118004	PA	1	No	-
PA-021-0119004	PA	1	No	-
PA-021-0120002	PA	1	No	-
PA-021-0122001	PA	1	No	-
PA-021-0124001	PA	1	No	-
PA-021-0124004	PA	1	No	-
PA-021-0125002	PA	1	No	-
PA-021-0126002	PA	1	No	-

Winning Bid	State	Items	ETC	Status of Support
PA-021-0127002	PA	1	No	-
PA-021-0128003	PA	1	No	-
PA-021-0131001	PA	1	No	-
PA-023-9602001	PA	1	No	-
PA-025-0201021	PA	1	No	-
PA-025-0201031	PA	1	No	-
PA-025-0201061	PA	1	No	-
PA-025-0202004	PA	1	No	-
PA-027-0101001	PA	1	No	-
PA-027-0106003	PA	1	No	-
PA-027-0108001	PA	1	No	-
PA-027-0108002	PA	1	No	-
PA-027-0109006	PA	1	No	-
PA-029-3010001	PA	1	No	-
PA-029-3030001	PA	1	No	-
PA-029-3116001	PA	1	No	-
PA-031-1601022	PA	1	No	-
PA-031-1602004	PA	1	No	-
PA-031-1604001	PA	1	No	-
PA-033-3303001	PA	1	No	-
PA-033-3304002	PA	1	No	-
PA-033-3304003	PA	1	No	-
PA-033-3305001	PA	1	No	-
PA-033-3306002	PA	1	No	-
PA-033-3308002	PA	1	No	-
PA-033-3308003	PA	1	No	-
PA-033-3308004	PA	1	No	-
PA-033-3308005	PA	1	No	-
PA-033-3310003	PA	1	No	-
PA-033-3310004	PA	1	No	-
PA-033-3312004	PA	1	No	-
PA-033-3313001	PA	1	No	-
PA-033-3313004	PA	1	No	-
PA-033-3314011	PA	1	No	-
PA-033-3314012	PA	1	No	-
PA-033-3316001	PA	1	No	-
PA-033-3317001	PA	1	No	-
PA-033-3317004	PA	1	No	-
PA-033-3318001	PA	1	No	-
PA-033-3319001	PA	1	No	-
PA-033-3319002	PA	1	No	-
PA-035-0301002	PA	1	No	-
PA-035-0303001	PA	1	No	-
PA-035-0305001	PA	1	No	-

Winning Bid	State	Items	ETC	Status of Support
PA-035-0305003	PA	1	No	-
PA-037-0502001	PA	1	No	-
PA-037-0502002	PA	1	No	-
PA-037-0503001	PA	1	No	-
PA-037-0509002	PA	1	No	-
PA-037-0513002	PA	1	No	-
PA-037-0514002	PA	1	No	-
PA-037-0515002	PA	1	No	-
PA-037-0515005	PA	1	No	-
PA-037-0515006	PA	1	No	-
PA-041-0102041	PA	1	No	-
PA-041-0113052	PA	1	No	-
PA-041-0118031	PA	1	No	-
PA-041-0125011	PA	1	No	-
PA-043-0209001	PA	1	No	-
PA-043-0226061	PA	1	No	-
PA-043-0236022	PA	1	No	-
PA-043-0240013	PA	1	No	-
PA-043-0245031	PA	1	No	-
PA-043-0247004	PA	1	No	-
PA-043-0248004	PA	1	No	-
PA-043-0251001	PA	1	No	-
PA-045-4010001	PA	1	No	-
PA-045-4081012	PA	1	No	-
PA-045-4097021	PA	1	No	-
PA-047-9502003	PA	1	No	-
PA-049-0112023	PA	1	No	-
PA-049-0122025	PA	1	No	-
PA-051-2603001	PA	1	No	-
PA-051-2606002	PA	1	No	-
PA-051-2610001	PA	1	No	-
PA-051-2611002	PA	1	No	-
PA-051-2613001	PA	1	No	-
PA-051-2615002	PA	1	No	-
PA-051-2618002	PA	1	No	-
PA-051-2620004	PA	1	No	-
PA-051-2624001	PA	1	No	-
PA-051-2626001	PA	1	No	-
PA-051-2626002	PA	1	No	-
PA-051-2627011	PA	1	No	-
PA-051-2631001	PA	1	No	-
PA-051-2631003	PA	1	No	-
PA-053-5301001	PA	1	No	-
PA-053-5301003	PA	1	No	-

Winning Bid	State	Items	ETC	Status of Support
PA-053-5303001	PA	1	No	-
PA-059-9703001	PA	1	No	-
PA-059-9703003	PA	1	No	-
PA-059-9707002	PA	1	No	-
PA-059-9708004	PA	1	No	-
PA-061-9502002	PA	1	No	-
PA-061-9503003	PA	1	No	-
PA-061-9503005	PA	1	No	-
PA-061-9504002	PA	1	No	-
PA-061-9505003	PA	1	No	-
PA-061-9506001	PA	1	No	-
PA-061-9508002	PA	1	No	-
PA-061-9509002	PA	1	No	-
PA-061-9510002	PA	1	No	-
PA-061-9513001	PA	1	No	-
PA-061-9513002	PA	1	No	-
PA-063-9601002	PA	1	No	-
PA-063-9601003	PA	1	No	-
PA-063-9602002	PA	1	No	-
PA-063-9602004	PA	1	No	-
PA-063-9603002	PA	1	No	-
PA-063-9603003	PA	1	No	-
PA-063-9605001	PA	1	No	-
PA-063-9613002	PA	1	No	-
PA-063-9614001	PA	1	No	-
PA-063-9614002	PA	1	No	-
PA-063-9616001	PA	1	No	-
PA-063-9616003	PA	1	No	-
PA-063-9618001	PA	1	No	-
PA-063-9618002	PA	1	No	-
PA-063-9619001	PA	1	No	-
PA-063-9622002	PA	1	No	-
PA-065-9502003	PA	1	No	-
PA-065-9503004	PA	1	No	-
PA-065-9508001	PA	1	No	-
PA-065-9508002	PA	1	No	-
PA-065-9509001	PA	1	No	-
PA-065-9509002	PA	1	No	-
PA-065-9509004	PA	1	No	-
PA-065-9510002	PA	1	No	-
PA-065-9510004	PA	1	No	-
PA-065-9511003	PA	1	No	-
PA-065-9511004	PA	1	No	-
PA-067-0702012	PA	1	No	-

Winning Bid	State	Items	ETC	Status of Support
PA-067-0704002	PA	1	No	-
PA-069-1010001	PA	1	No	-
PA-069-1012002	PA	1	No	-
PA-069-1018003	PA	1	No	-
PA-069-1101001	PA	1	No	-
PA-069-1102022	PA	1	No	-
PA-069-1102023	PA	1	No	-
PA-069-1103002	PA	1	No	-
PA-069-1106001	PA	1	No	-
PA-069-1120002	PA	1	No	-
PA-069-1124001	PA	1	No	-
PA-069-1127001	PA	1	No	-
PA-069-1129012	PA	1	No	-
PA-071-0133011	PA	1	No	-
PA-071-0133013	PA	1	No	-
PA-071-0133042	PA	1	No	-
PA-071-0139014	PA	1	No	-
PA-071-0139023	PA	1	No	-
PA-071-0140004	PA	1	No	-
PA-071-0144022	PA	1	No	-
PA-073-0007001	PA	1	No	-
PA-073-0101001	PA	1	No	-
PA-073-0102024	PA	1	No	-
PA-073-0106001	PA	1	No	-
PA-073-0109002	PA	1	No	-
PA-073-0111004	PA	1	No	-
PA-075-0020002	PA	1	No	-
PA-075-0021001	PA	1	No	-
PA-075-0021002	PA	1	No	-
PA-075-0023002	PA	1	No	-
PA-075-0028001	PA	1	No	-
PA-075-0028002	PA	1	No	-
PA-075-0028003	PA	1	No	-
PA-075-0040002	PA	1	No	-
PA-075-0040003	PA	1	No	-
PA-075-0042001	PA	1	No	-
PA-077-0053022	PA	1	No	-
PA-079-2102001	PA	1	No	-
PA-079-2105002	PA	1	No	-
PA-079-2113042	PA	1	No	-
PA-079-2162002	PA	1	No	-
PA-079-2162003	PA	1	No	-
PA-079-2162004	PA	1	No	-
PA-079-2164001	PA	1	No	-

Winning Bid	State	Items	ETC	Status of Support
PA-079-2168002	PA	1	No	-
PA-079-2169002	PA	1	No	-
PA-079-2170012	PA	1	No	-
PA-079-2170021	PA	1	No	-
PA-081-0101002	PA	1	No	-
PA-081-0102002	PA	1	No	-
PA-081-0104001	PA	1	No	-
PA-081-0105002	PA	1	No	-
PA-081-0106003	PA	1	No	-
PA-081-0109002	PA	1	No	-
PA-081-0118001	PA	1	No	-
PA-083-4206002	PA	1	No	-
PA-083-4206004	PA	1	No	-
PA-083-4206005	PA	1	No	-
PA-083-4206006	PA	1	No	-
PA-083-4209001	PA	1	No	-
PA-083-4209002	PA	1	No	-
PA-083-4210002	PA	1	No	-
PA-083-4211001	PA	1	No	-
PA-083-4211003	PA	1	No	-
PA-085-0323003	PA	1	No	-
PA-085-0325011	PA	1	No	-
PA-085-0325014	PA	1	No	-
PA-085-0326011	PA	1	No	-
PA-085-0327012	PA	1	No	-
PA-087-9606002	PA	1	No	-
PA-087-9611001	PA	1	No	-
PA-089-3003081	PA	1	No	-
PA-089-3004011	PA	1	No	-
PA-091-2005053	PA	1	No	-
PA-091-2009032	PA	1	No	-
PA-091-2061024	PA	1	No	-
PA-091-2067042	PA	1	No	-
PA-091-2078003	PA	1	No	-
PA-093-0504001	PA	1	No	-
PA-093-0504003	PA	1	No	-
PA-095-0160013	PA	1	No	-
PA-097-0801001	PA	1	No	-
PA-097-0807001	PA	1	No	-
PA-097-0807003	PA	1	No	-
PA-097-0808001	PA	1	No	-
PA-097-0808004	PA	1	No	-
PA-097-0808005	PA	1	No	-
PA-097-0812002	PA	1	No	-

Winning Bid	State	Items	ETC	Status of Support
PA-097-0815001	PA	1	No	-
PA-097-0818001	PA	1	No	-
PA-097-0819001	PA	1	No	-
PA-097-0819002	PA	1	No	-
PA-097-0819004	PA	1	No	-
PA-097-0819006	PA	1	No	-
PA-097-0823001	PA	1	No	-
PA-099-0301005	PA	1	No	-
PA-099-0304002	PA	1	No	-
PA-099-0305023	PA	1	No	-
PA-101-0156001	PA	1	No	-
PA-101-0170001	PA	1	No	-
PA-101-0179001	PA	1	No	-
PA-101-0183001	PA	1	No	-
PA-101-0312003	PA	1	No	-
PA-101-9806001	PA	1	No	-
PA-101-9808001	PA	1	No	-
PA-101-9891001	PA	1	No	-
PA-103-9505023	PA	1	No	-
PA-103-9509002	PA	1	No	-
PA-105-9503001	PA	1	No	-
PA-105-9504001	PA	1	No	-
PA-105-9504002	PA	1	No	-
PA-107-0003002	PA	1	No	-
PA-107-0004002	PA	1	No	-
PA-107-0007003	PA	1	No	-
PA-107-0010002	PA	1	No	-
PA-107-0011001	PA	1	No	-
PA-107-0024001	PA	1	No	-
PA-107-0027001	PA	1	No	-
PA-107-0029004	PA	1	No	-
PA-107-0030001	PA	1	No	-
PA-107-0030003	PA	1	No	-
PA-107-0035001	PA	1	No	-
PA-107-0035002	PA	1	No	-
PA-107-0035004	PA	1	No	-
PA-107-0039001	PA	1	No	-
PA-107-0039003	PA	1	No	-
PA-109-0701003	PA	1	No	-
PA-109-0702002	PA	1	No	-
PA-109-0702003	PA	1	No	-
PA-109-0703002	PA	1	No	-
PA-109-0704002	PA	1	No	-
PA-109-0704003	PA	1	No	-

Winning Bid	State	Items	ETC	Status of Support
PA-109-0705002	PA	1	No	-
PA-111-0202003	PA	1	No	-
PA-111-0204001	PA	1	No	-
PA-111-0204003	PA	1	No	-
PA-111-0204004	PA	1	No	-
PA-111-0205002	PA	1	No	-
PA-111-0205003	PA	1	No	-
PA-111-0206003	PA	1	No	-
PA-111-0206004	PA	1	No	-
PA-111-0207002	PA	1	No	-
PA-111-0208003	PA	1	No	-
PA-111-0209001	PA	1	No	-
PA-111-0209003	PA	1	No	-
PA-111-0212003	PA	1	No	-
PA-111-0213001	PA	1	No	-
PA-111-0213002	PA	1	No	-
PA-111-0213003	PA	1	No	-
PA-111-0214004	PA	1	No	-
PA-111-0217001	PA	1	No	-
PA-111-0218001	PA	1	No	-
PA-111-0219012	PA	1	No	-
PA-111-0219021	PA	1	No	-
PA-113-9601001	PA	1	No	-
PA-113-9601002	PA	1	No	-
PA-113-9602002	PA	1	No	-
PA-115-0320003	PA	1	No	-
PA-115-0321001	PA	1	No	-
PA-115-0321002	PA	1	No	-
PA-115-0321003	PA	1	No	-
PA-115-0322001	PA	1	No	-
PA-115-0323001	PA	1	No	-
PA-115-0325001	PA	1	No	-
PA-115-0327001	PA	1	No	-
PA-115-0327002	PA	1	No	-
PA-115-0327003	PA	1	No	-
PA-115-0328001	PA	1	No	-
PA-115-0328002	PA	1	No	-
PA-117-9504003	PA	1	No	-
PA-117-9505001	PA	1	No	-
PA-117-9505002	PA	1	No	-
PA-117-9506004	PA	1	No	-
PA-117-9507002	PA	1	No	-
PA-117-9507003	PA	1	No	-
PA-117-9507004	PA	1	No	-



Winning Bid	State	Items	ETC	Status of Support
PA-117-9510001	PA	1	No	-
PA-119-0901022	PA	1	No	-
PA-119-0904002	PA	1	No	-
PA-121-2002002	PA	1	No	-
PA-121-2011003	PA	1	No	-
PA-121-2014003	PA	1	No	-
PA-121-2015005	PA	1	No	-
PA-123-9701001	PA	1	No	-
PA-123-9706001	PA	1	No	-
PA-123-9706004	PA	1	No	-
PA-123-9710001	PA	1	No	-
PA-123-9712002	PA	1	No	-
PA-123-9714002	PA	1	No	-
PA-125-7110001	PA	1	No	-
PA-125-7110002	PA	1	No	-
PA-125-7210002	PA	1	No	-
PA-125-7310003	PA	1	No	-
PA-125-7310004	PA	1	No	-
PA-125-7320001	PA	1	No	-
PA-125-7320002	PA	1	No	-
PA-125-7452002	PA	1	No	-
PA-125-7511003	PA	1	No	-
PA-125-7557003	PA	1	No	-
PA-125-7610002	PA	1	No	-
PA-125-7637001	PA	1	No	-
PA-125-7747005	PA	1	No	-
PA-125-7960001	PA	1	No	-
PA-127-9601001	PA	1	No	-
PA-127-9602001	PA	1	No	-
PA-127-9602002	PA	1	No	-
PA-127-9610003	PA	1	No	-
PA-127-9611001	PA	1	No	-
PA-127-9612001	PA	1	No	-
PA-129-8007001	PA	1	No	-
PA-129-8018003	PA	1	No	-
PA-129-8021011	PA	1	No	-
PA-129-8024003	PA	1	No	-
PA-129-8030002	PA	1	No	-
PA-129-8045022	PA	1	No	-
PA-129-8049003	PA	1	No	-
PA-129-8050003	PA	1	No	-
PA-129-8051002	PA	1	No	-
PA-129-8062001	PA	1	No	-
PA-129-8067002	PA	1	No	-

Winning Bid	State	Items	ETC	Status of Support
PA-129-8070003	PA	1	No	-
PA-129-8072002	PA	1	No	-
PA-129-8083001	PA	1	No	-
PA-129-8083002	PA	1	No	-
PA-129-8084012	PA	1	No	-
PA-131-4001001	PA	1	No	-
PA-131-4001002	PA	1	No	-
PA-131-4002001	PA	1	No	-
PA-131-4003003	PA	1	No	-
PA-131-4007001	PA	1	No	-
PA-133-0016001	PA	1	No	-
PA-133-0203206	PA	1	No	-
PA-133-0204102	PA	1	No	-
PA-133-0205221	PA	1	No	-
PA-133-0205222	PA	1	No	-
PA-133-0209103	PA	1	No	-
PA-133-0211004	PA	1	No	-
PA-133-0218021	PA	1	No	-
PA-133-0224023	PA	1	No	-
PA-133-0225003	PA	1	No	-
PA-133-0226003	PA	1	No	-
PA-133-0236023	PA	1	No	-
PA-133-0237221	PA	1	No	-
WA-005-0115041	WA	1	No	-
WA-009-0006002	WA	1	No	-
WA-009-0006003	WA	1	No	-
WA-009-0018002	WA	1	No	-
WA-009-0020002	WA	1	No	-
WA-011-0401012	WA	1	No	-
WA-011-0413253	WA	1	No	-
WA-015-0003001	WA	1	No	-
WA-015-0018002	WA	1	No	-
WA-015-0019002	WA	1	No	-
WA-015-0020011	WA	1	No	-
WA-015-0020021	WA	1	No	-
WA-027-0002005	WA	1	No	-
WA-027-0003001	WA	1	No	-
WA-027-0003002	WA	1	No	-
WA-027-0004005	WA	1	No	-
WA-027-0007002	WA	1	No	-
WA-027-0007003	WA	1	No	-
WA-027-0013004	WA	1	No	-
WA-027-0016002	WA	1	No	-
WA-027-0016004	WA	1	No	-

Winning Bid	State	Items	ETC	Status of Support
WA-031-9503002	WA	1	No	-
WA-031-9507022	WA	1	No	-
WA-033-0057001	WA	1	No	-
WA-033-0058023	WA	1	No	-
WA-033-0094002	WA	1	No	-
WA-033-0215003	WA	1	No	-
WA-033-0262001	WA	1	No	-
WA-033-0305011	WA	1	No	-
WA-033-0315023	WA	1	No	-
WA-033-0316032	WA	1	No	-
WA-033-0318003	WA	1	No	-
WA-033-0319042	WA	1	No	-
WA-033-0319074	WA	1	No	-
WA-033-0322123	WA	1	No	-
WA-033-0323073	WA	1	No	-
WA-033-0323075	WA	1	No	-
WA-033-0323262	WA	1	No	-
WA-033-0325003	WA	1	No	-
WA-035-0911001	WA	1	No	-
WA-039-9502002	WA	1	No	-
WA-039-9502004	WA	1	No	-
WA-041-9703001	WA	1	No	-
WA-041-9707004	WA	1	No	-
WA-041-9718003	WA	1	No	-
WA-041-9719003	WA	1	No	-
WA-045-9606001	WA	1	No	-
WA-045-9606003	WA	1	No	-
WA-049-9504001	WA	1	No	-
WA-049-9504003	WA	1	No	-
WA-053-0701003	WA	1	No	-
WA-053-0702071	WA	1	No	-
WA-053-9400022	WA	1	No	-
WA-053-9400101	WA	1	No	-
WA-055-9603004	WA	1	No	-
WA-055-9605002	WA	1	No	-
WA-057-9403001	WA	1	No	-
WA-057-9408002	WA	1	No	-
WA-057-9501001	WA	1	No	-
WA-057-9513002	WA	1	No	-
WA-057-9516003	WA	1	No	-
WA-059-9504002	WA	1	No	-
WA-061-0401001	WA	1	No	-
WA-061-0419052	WA	1	No	-
WA-061-0521051	WA	1	No	-

Winning Bid	State	Items	ETC	Status of Support
WA-061-0525023	WA	1	No	-
WA-061-0532022	WA	1	No	-
WA-061-0538034	WA	1	No	-
WA-063-0025003	WA	1	No	-
WA-063-0104012	WA	1	No	-
WA-063-0112024	WA	1	No	-
WA-063-0122001	WA	1	No	-
WA-063-0123002	WA	1	No	-
WA-063-0145001	WA	1	No	-
WA-065-9507003	WA	1	No	-
WA-067-0109201	WA	1	No	-
WA-067-0125202	WA	1	No	-
WA-067-0127201	WA	1	No	-
WA-071-9202002	WA	1	No	-
WA-073-9400002	WA	1	No	-
WA-077-0009021	WA	1	No	-
WA-077-0029005	WA	1	No	-
WA-077-9400015	WA	1	No	-
WV-005-9583001	WV	1	No	-
WV-017-9651001	WV	1	No	-
WV-017-9651003	WV	1	No	-
WV-035-9632003	WV	1	No	-
WV-035-9634001	WV	1	No	-
WV-035-9634002	WV	1	No	-
WV-035-9634003	WV	1	No	-
WV-035-9637006	WV	1	No	-
WV-039-0108012	WV	1	No	-
WV-039-0108021	WV	1	No	-
WV-043-9555004	WV	1	No	-
WV-043-9556004	WV	1	No	-
WV-043-9557002	WV	1	No	-
WV-047-9536001	WV	1	No	-
WV-051-0208001	WV	1	No	-
WV-051-0209004	WV	1	No	-
WV-055-0009003	WV	1	No	-
WV-055-0022002	WV	1	No	-
WV-065-9709001	WV	1	No	-
WV-069-0002003	WV	1	No	-
WV-073-9621001	WV	1	No	-
WV-077-9643003	WV	1	No	-
WV-077-9644003	WV	1	No	-
WV-079-0203001	WV	1	No	-
WV-081-0008021	WV	1	No	-
WV-081-0012004	WV	1	No	-

Winning Bid	State	Items	ETC	Status of Support
WV-081-0013002	WV	1	No	-
WV-085-9623003	WV	1	No	-
WV-085-9625001	WV	1	No	-
WV-089-0008003	WV	1	No	-
WV-095-9618002	WV	1	No	-
WV-099-0204002	WV	1	No	-
WV-099-0209001	WV	1	No	-
WV-107-0106011	WV	1	No	-
WV-107-0107014	WV	1	No	-
WV-107-0109023	WV	1	No	-
WY-005-0002003	WY	1	No	-
WY-005-0006001	WY	1	No	-
WY-009-9564002	WY	1	No	-
WY-009-9567002	WY	1	No	-
WY-013-0003003	WY	1	No	-
WY-019-9552002	WY	1	No	-
WY-019-9552003	WY	1	No	-
WY-021-0019021	WY	1	No	-
WY-021-0019022	WY	1	No	-
WY-023-9784001	WY	1	No	-
WY-023-9784003	WY	1	No	-
WY-031-9594001	WY	1	No	-
WY-033-0005001	WY	1	No	-
WY-033-0005003	WY	1	No	-
WY-037-9709014	WY	1	No	-
WY-039-9676001	WY	1	No	-
Package_2 AL 🇺🇸 ⁶⁰⁴	AL	604	No	-
Package_1 CA 🇺🇸 ⁶⁸³	CA	683	No	-
Package_1 CO 🇺🇸 ¹³⁶	CO	136	No	-
Package_2 FL 🇺🇸 ⁶⁸⁵	FL	685	No	-
Package_2 GA 🇺🇸 ⁸¹³	GA	813	No	-
Package_1 ID 🇺🇸 ¹²⁷	ID	127	No	-
Package_2 KY 🇺🇸 ³⁹³	KY	393	No	-
Package_2 LA 🇺🇸 ⁴⁶²	LA	462	No	-
Package_2 ME 🇺🇸 ¹¹	ME	11	No	-
Package_1 ME 🇺🇸 ¹³²	ME	132	No	-
Package_2 MS 🇺🇸 ⁶³³	MS	633	No	-
Package_1 MT 🇺🇸 ¹⁶¹	MT	161	No	-
Package_1 NM 🇺🇸 ¹⁸⁸	NM	188	No	-
Package_1 OR 🇺🇸 ¹⁸⁴	OR	184	No	-
Package_1 PA 🇺🇸 ⁸⁰⁸	PA	808	No	-
Package_1 UT 🇺🇸 ⁶⁵	UT	65	No	-
Package_1 WA 🇺🇸 ³¹²	WA	312	No	-
Package_2 WI 🇺🇸 ³⁰⁹	WI	309	No	-

Winning Bid	State	Items	ETC	Status of Support
Package_1 WV  326	WV	326	No	-
Package_1 WY  48	WY	48	No	-

Agreements

Agreements with Other Parties

No, the applicant *has not* entered into partnerships, joint ventures, consortia, or other agreements, arrangements, or understandings of any kind relating to the potentially eligible areas being auctioned, including any agreements that address or communicate directly or indirectly bids (including specific prices), bidding strategies (including the specific potentially eligible areas on which to bid or not to bid), or the post-auction market structure, to which the applicant, or any party that controls or is controlled by the applicant, is a party.

Agreements

No agreements have been designated.

Ownership

Disclosable Interest Holders of this Applicant

Douglas Abts			
Disclosable Interest Holder Information			
Type	FRN	Address	
Individual		6155 El Camino Real Carlsbad, CA 92009	
Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Country of Citizenship
<ul style="list-style-type: none"> ▪ Indirect Ownership Interest in Applicant 	<ul style="list-style-type: none"> ▪ Other : Indirect Interest as Officer and Shareholder of Viasat, Inc. 	0.03%	United States
FCC Regulated Business held by this Disclosable Interest Holder			
You have not specified any FCC Regulated Businesses held by this Disclosable Interest Holder			

Marc Agnew			
Disclosable Interest Holder Information			
Type	FRN	Address	
Individual		6155 El Camino Real Carlsbad, CA 92009	
Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Country of Citizenship
<ul style="list-style-type: none"> ▪ Indirect Ownership Interest in Applicant 	<ul style="list-style-type: none"> ▪ Other : Indirect Interest as Officer and Shareholder of Viasat, Inc. 	0.17%	United States
FCC Regulated Business held by this Disclosable Interest Holder			
You have not specified any FCC Regulated Businesses held by this Disclosable Interest Holder			

Richard A Baldrige**Disclosable Interest Holder Information**

Type	FRN	Address
Individual		6155 El Camino Real Carlsbad, CA 92009

Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Country of Citizenship
▪ Indirect Ownership Interest in Applicant	▪ Other : Indirect Interest as Officer, Director, and Shareholder of Viasat, Inc	0.70%	United States

FCC Regulated Business held by this Disclosable Interest Holder

You have not specified any FCC Regulated Businesses held by this Disclosable Interest Holder

Frank J Biondi Jr.**Disclosable Interest Holder Information**

Type	FRN	Address
Individual		6155 El Camino Real Carlsbad, CA 92009

Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Country of Citizenship
▪ Indirect Ownership Interest in Applicant	▪ Other : Indirect Interest as Director and Shareholder of Viasat, Inc.	0.05%	United States

FCC Regulated Business held by this Disclosable Interest Holder

You have not specified any FCC Regulated Businesses held by this Disclosable Interest Holder

Blackrock Inc.**Disclosable Interest Holder Information**

Type	Entity Type	FRN	Address
Entity	Corporation		55 East 52nd Street New York, NY 10055

Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Jurisdiction of Formation
▪ Indirect Ownership Interest in Applicant	▪ Other : Indirect Interest as Shareholder of Viasat, Inc.	10.02%	Delaware

FCC Regulated Business held by this Disclosable Interest Holder

FRB (FCC Regulated Businesses) Name	Principal Business	FRN	Percent of Interest Held by DIH
8x8, Inc.	Application Software	0007099773	13.92%
ADTRAN, Inc.	Communications Equipment	0005813993	14.53%
CalAmp Corp.	Communications Equipment	0005086442	14.75%
Cars.com Inc.	Internet Software and Services	0026533984	11.62%
CDK Global, Inc.	Application Software	0027657238	10.33%
Cincinnati Bell Inc.	Integrated Telecommunication Services	0003018033	12.32%
Commvault Systems, Inc.	Systems Software	0023396864	10.26%
Comtech Telecommunications Corp.	Communications Equipment	0025119728	14.55%
Consolidated Communications Holdings, Inc.	Integrated Telecommunication Services	0007494776	14.34%
Digi International Inc.	Communications Equipment	0010283307	14.04%
Domo, Inc.	Application Software	0026628214	17.19%
Entravision Communications Corporation	Broadcasting	0024652943	10.97%
Extreme Networks, Inc.	Communications Equipment	0019588359	13.49%
Frontier Communications Corporation	Integrated Telecommunication Services	0025992686	11.59%
Harmonic Inc.	Communications Equipment	0024871832	13.36%
j2 Global, Inc.	Internet Software and Services	0024779761	11.02%
Liquidity Services, Inc.	Internet Software and Services	0023137904	11.23%
MicroStrategy Incorporated	Application Software	0019091206	16.61%
Motorola Solutions, Inc.	Communications Equipment	0025375254	10.95%
NETGEAR, Inc.	Communications Equipment	0022158786	14.36%
Spok Holdings, Inc.	Wireless Telecommunication Services	0025713520	16.02%
TEGNA Inc.	Broadcasting	0003756442	11.36%
Telephone and Data Systems, Inc.	Wireless Telecommunication Services	0004943528	16.21%
TiVo Corporation	Systems Software	0019258979	13.42%
Viasat, Inc.	Broadband Communications	0004963088	10.02%
Viavi Solutions Inc.	Communications Equipment	0025578931	14.18%

Robert Blair

Disclosable Interest Holder Information

Type	FRN	Address	
Individual		6155 El Camino Real Carlsbad, CA 92009	
Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Country of Citizenship
<ul style="list-style-type: none"> ▪ Indirect Ownership Interest in Applicant ▪ Officer ▪ Director 	<ul style="list-style-type: none"> ▪ Other : Indirect Interest as Officer and Shareholder of Viasat, Inc. 	0.04%	United States

FCC Regulated Business held by this Disclosable Interest Holder

You have not specified any FCC Regulated Businesses held by this Disclosable Interest Holder

Girish Chandran**Disclosable Interest Holder Information**

Type	FRN	Address	
Individual		6155 El Camino Real Carlsbad, CA 92009	
Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Country of Citizenship
<ul style="list-style-type: none"> ▪ Indirect Ownership Interest in Applicant 	<ul style="list-style-type: none"> ▪ Other : Indirect Interest as Officer and Shareholder of Viasat, Inc. 	0.02%	United States

FCC Regulated Business held by this Disclosable Interest Holder

You have not specified any FCC Regulated Businesses held by this Disclosable Interest Holder

Mark D Dankberg**Disclosable Interest Holder Information**

Type	FRN	Address	
Individual		6155 El Camino Real Carlsbad, CA 92009	
Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Country of Citizenship
<ul style="list-style-type: none"> ▪ Indirect Ownership Interest in Applicant 	<ul style="list-style-type: none"> ▪ Other : Indirect Interest as Officer, Director, and Shareholder of Viasat, Inc 	3.28%	United States

FCC Regulated Business held by this Disclosable Interest Holder

You have not specified any FCC Regulated Businesses held by this Disclosable Interest Holder

Melinda Del Toro**Disclosable Interest Holder Information**

Type	FRN	Address
Individual		6155 El Camino Real Carlsbad, CA 92009

Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Country of Citizenship
▪ Indirect Ownership Interest in Applicant	▪ Other : Indirect Interest as Officer and Shareholder of Viasat, Inc.	0.07%	United States

FCC Regulated Business held by this Disclosable Interest Holder

You have not specified any FCC Regulated Businesses held by this Disclosable Interest Holder

Bruce Dirks**Disclosable Interest Holder Information**

Type	FRN	Address
Individual		6155 El Camino Real Carlsbad, CA 92009

Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Country of Citizenship
▪ Indirect Ownership Interest in Applicant	▪ Other : Indirect Interest as Officer and Shareholder of Viasat, Inc.	0.13%	United States

FCC Regulated Business held by this Disclosable Interest Holder

You have not specified any FCC Regulated Businesses held by this Disclosable Interest Holder

Shawn Duffy**Disclosable Interest Holder Information**

Type	FRN	Address
Individual		6155 El Camino Real Carlsbad, CA 92009

Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Country of Citizenship
-------------------------------	-----------------------------------------	----------------------------------------	------------------------

Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Country of Citizenship
<ul style="list-style-type: none"> ▪ Indirect Ownership Interest in Applicant ▪ Officer ▪ Director 	<ul style="list-style-type: none"> ▪ Other : Indirect Interest as Officer and Shareholder of Viasat, Inc. 	0.14%	United States

FCC Regulated Business held by this Disclosable Interest Holder
You have not specified any FCC Regulated Businesses held by this Disclosable Interest Holder

FPR Partners, LLC			
Disclosable Interest Holder Information			
Type	Entity Type	FRN	Address
Entity	Limited Liability Company		199 Fremont Street 25th Floor San Francisco, CA 94105

Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Jurisdiction of Formation
<ul style="list-style-type: none"> ▪ Indirect Ownership Interest in Applicant 	<ul style="list-style-type: none"> ▪ Other : Indirect Interest as Shareholder of Viasat, Inc. 	10.17%	Delaware

FCC Regulated Business held by this Disclosable Interest Holder

FRB (FCC Regulated Businesses) Name	Principal Business	FRN	Percent of Interest Held by DIH
Viasat, Inc.	Broadband Communications	0004963088	10.17%

Kevin Harkenrider			
Disclosable Interest Holder Information			
Type	FRN	Address	
Individual		6155 El Camino Real Carlsbad, CA 92009	

Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Country of Citizenship
<ul style="list-style-type: none"> ▪ Indirect Ownership Interest in Applicant ▪ Officer 	<ul style="list-style-type: none"> ▪ Other : Indirect Interest as Officer and Shareholder of Viasat, Inc. 	0.10%	United States

FCC Regulated Business held by this Disclosable Interest Holder
You have not specified any FCC Regulated Businesses held by this Disclosable Interest Holder

Dr. Robert W Johnson

Disclosable Interest Holder Information

Type	FRN	Address
Individual		6155 El Camino Real Carlsbad, CA 92009

Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Country of Citizenship
▪ Indirect Ownership Interest in Applicant	▪ Other : Indirect Interest as Director and Shareholder of Viasat, Inc.	1.20%	United States

FCC Regulated Business held by this Disclosable Interest Holder

You have not specified any FCC Regulated Businesses held by this Disclosable Interest Holder

B. Allen Lay**Disclosable Interest Holder Information**

Type	FRN	Address
Individual		6155 El Camino Real Carlsbad, CA 92009

Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Country of Citizenship
▪ Indirect Ownership Interest in Applicant	▪ Other : Indirect Interest as Director and Shareholder of Viasat, Inc.	0.58%	United States

FCC Regulated Business held by this Disclosable Interest Holder

You have not specified any FCC Regulated Businesses held by this Disclosable Interest Holder

Keven K Lippert**Disclosable Interest Holder Information**

Type	FRN	Address
Individual		6155 El Camino Real Carlsbad, CA 92009

Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Country of Citizenship
▪ Indirect Ownership Interest in Applicant	▪ Other : Indirect Interest as Officer and Shareholder of Viasat, Inc.	0.12%	United States

FCC Regulated Business held by this Disclosable Interest Holder

You have not specified any FCC Regulated Businesses held by this Disclosable Interest Holder

Mark J Miller

Disclosable Interest Holder Information

Type	FRN	Address	
Individual		6155 El Camino Real Carlsbad, CA 92009	

Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Country of Citizenship
▪ Indirect Ownership Interest in Applicant	▪ Other : Indirect Interest as Officer and Shareholder of Viasat, Inc.	0.65%	United States

FCC Regulated Business held by this Disclosable Interest Holder
You have not specified any FCC Regulated Businesses held by this Disclosable Interest Holder

Dr. Jeffrey M Nash

Disclosable Interest Holder Information

Type	FRN	Address	
Individual		6155 El Camino Real Carlsbad, CA 92009	

Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Country of Citizenship
▪ Indirect Ownership Interest in Applicant	▪ Other : Indirect Interest as Director and Shareholder of Viasat, Inc.	0.57%	United States

FCC Regulated Business held by this Disclosable Interest Holder
You have not specified any FCC Regulated Businesses held by this Disclosable Interest Holder

Sean Pak

Disclosable Interest Holder Information

Type	FRN	Address	
Individual		6155 El Camino Real Carlsbad, CA 92009	

Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Country of Citizenship
▪ Indirect Ownership Interest in Applicant	▪ Other : Indirect Interest as Director of Viasat, Inc.	0.00%	United States

FCC Regulated Business held by this Disclosable Interest Holder

You have not specified any FCC Regulated Businesses held by this Disclosable Interest Holder

Ken Peterman

Disclosable Interest Holder Information

Type	FRN	Address	
Individual		6155 El Camino Real Carlsbad, CA 92009	
Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Country of Citizenship
<ul style="list-style-type: none"> Indirect Ownership Interest in Applicant 	<ul style="list-style-type: none"> Other : Indirect Interest as Officer and Shareholder of Viasat, Inc. 	0.09%	United States

FCC Regulated Business held by this Disclosable Interest Holder

You have not specified any FCC Regulated Businesses held by this Disclosable Interest Holder

Varsha Rao

Disclosable Interest Holder Information

Type	FRN	Address	
Individual		6155 El Camino Real Carlsbad, CA 92009	
Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Country of Citizenship
<ul style="list-style-type: none"> Indirect Ownership Interest in Applicant 	<ul style="list-style-type: none"> Other : Indirect Interest as Director and Shareholder of Viasat, Inc. 	0.02%	United States

FCC Regulated Business held by this Disclosable Interest Holder

You have not specified any FCC Regulated Businesses held by this Disclosable Interest Holder

Dave Ryan

Disclosable Interest Holder Information

Type	FRN	Address	
Individual		6155 El Camino Real Carlsbad, CA 92009	
Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Country of Citizenship

Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Country of Citizenship
▪ Indirect Ownership Interest in Applicant	▪ Other : Indirect Interest as Officer and Shareholder of Viasat, Inc.	0.01%	United States

FCC Regulated Business held by this Disclosable Interest Holder
You have not specified any FCC Regulated Businesses held by this Disclosable Interest Holder

John P Stenbit

Disclosable Interest Holder Information			
Type	FRN	Address	
Individual		6155 El Camino Real Carlsbad, CA 92009	

Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Country of Citizenship
▪ Indirect Ownership Interest in Applicant	▪ Other : Indirect Interest as Director and Shareholder of Viasat, Inc.	0.07%	United States

FCC Regulated Business held by this Disclosable Interest Holder
You have not specified any FCC Regulated Businesses held by this Disclosable Interest Holder

The Baupost Group, L.L.C.

Disclosable Interest Holder Information			
Type	Entity Type	FRN	Address
Entity	Limited Liability Company		10 St. James Avenue Suite 1700 Boston, MA 02116

Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Jurisdiction of Formation
▪ Indirect Ownership Interest in Applicant	▪ Other : Indirect Interest as Shareholder of Viasat, Inc.	22.10%	Delaware

FCC Regulated Business held by this Disclosable Interest Holder

FRB (FCC Regulated Businesses) Name	Principal Business	FRN	Percent of Interest Held by DIH
Viasat, Inc.	Broadband Communications	0004963088	22.10%

Viasat, Inc.

Disclosable Interest Holder Information

Type	Entity Type	FRN	Address
Entity	Corporation	0004963088	6155 El Camino Real Carlsbad, CA 92009
Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Jurisdiction of Formation
▪ Direct Ownership Interest in Applicant	▪ Common Stock : Voting	100.00%	Delaware

FCC Regulated Business held by this Disclosable Interest Holder

FRB (FCC Regulated Businesses) Name	Principal Business	FRN	Percent of Interest Held by DIH
mmWaveBroadband Co.	Broadband Communications	0027861111	100.00%
Viasat Carrier Services, Inc.	Communications Services	0027846104	100.00%

Harvey P White**Disclosable Interest Holder Information**

Type	FRN	Address	
Individual		6155 El Camino Real Carlsbad, CA 92009	
Type of Interest in Applicant	Type of Ownership Interest in Applicant	Disclosable Interest Held in Applicant	Country of Citizenship
▪ Indirect Ownership Interest in Applicant	▪ Other : Indirect Interest as Director and Shareholder of Viasat, Inc.	0.14%	United States

FCC Regulated Business held by this Disclosable Interest Holder

You have not specified any FCC Regulated Businesses held by this Disclosable Interest Holder

FCC Regulated Businesses of this Applicant

You have not specified any FCC Regulated Businesses.

Certify and
Submit

Certify Auction Application

I certify the following:

1. that the applicant is in compliance with all statutory and regulatory requirements.
2. that the applicant is financially and technically qualified to meet the public interest obligations of section 54.309 of Title 47 of the Code of Federal Regulations for each relevant performance tier and latency combination and in each area for which it seeks support.
3. that the applicant will have available funds for all project costs that exceed the amount of support to be received from the Phase II auction for the first two years of its support term and will comply with all program requirements, including service milestones.

4. that the applicant will meet the public interest obligations for each relevant tier, including the requirement that it will offer service at rates that are equal to or lower than the Commission's reasonable comparability benchmarks for fixed services offered in urban areas.
5. that the applicant acknowledges that it must be designated as an Eligible Telecommunications Carrier pursuant to section 214(e) of Title 47 of the United States Code (47 U.S.C. § 214(e)) in the area(s) in which it will receive support prior to being authorized to receive such support. If the applicant has already been designated as an Eligible Telecommunications Carrier in any area(s) in which it will receive support, the applicant has provided a certification of its status in each such area and relevant documentation supporting that certification in this application. If the applicant has not yet been designated as an Eligible Telecommunications Carrier in an area in which it will receive support, the applicant will submit a certification of its status as an Eligible Telecommunications Carrier in each such area and relevant documentation supporting that certification no later than 180 days after the public notice identifying the winning bidders and prior to being authorized to receive such support.
6. that the description of spectrum access in areas for which the applicant will seek support provided in this application to participate in competitive bidding is correct and the applicant will retain such access for at least ten (10) years after the date on which it is authorized to receive support.
7. that the applicant and any party to this application are not subject to a denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988.
8. that the applicant is aware that if this application is shown to be defective, the application may be dismissed without further consideration and penalties may apply.

I declare, under penalties of perjury, that I am an authorized representative of the above named applicant, that I have read the instructions and the foregoing certifications, and that all matters and things stated in this application, its schedules, and attachments, including exhibits, are true and correct.

Signature

Robert Blair

President and Secretary

VIASAT CARRIER SERVICES, INC. OWNERSHIP INFORMATION

Direct Ownership

Viasat Carrier Services, Inc. (“VCS”) is a Delaware corporation that is wholly owned and controlled by Viasat, Inc. (“Viasat”).

Viasat is a Delaware corporation and is a publicly traded company headquartered at 6155 El Camino Real, Carlsbad, California 92009. Viasat’s principal business is broadband communications.

The following are the officers and directors of VCS, each of whom can be reached c/o Viasat, Inc., 6155 El Camino Real, Carlsbad, CA 92009:

Directors

Robert Blair
Shawn Duffy

Officers

Robert Blair, President and Secretary
Shawn Duffy, Vice President and Treasurer
Kevin Harkenrider, Vice President

Indirect Ownership in Applicant

As a publicly traded company, the stock of Viasat is widely held. Based on publicly available SEC filings, the following entities and their affiliates beneficially owned 10 percent or more of Viasat’s voting stock as of August 14, 2018:

Beneficial Owner	Citizenship	Voting Percentage
The Baupost Group, L.L.C. 10 St. James Avenue Suite 1700 Boston, MA 02116	Massachusetts	22.10%
Blackrock Inc. 55 East 52 nd Street New York, NY 10055	Delaware	10.02%
FPR Partners, LLC 199 Fremont Street 25 th Floor San Francisco, CA 94105	Delaware	10.17%

Viasat reviewed SEC filings and other publicly available information to identify the companies in which each of these entities both (i) holds a 10 percent or greater interest, and (ii) has principal lines of business likely to be regulated by the Commission and appears in the Commission's licensing and/or registration databases. Each such FCC-regulated business is identified in the accompanying FCC Form 683.

No other stockholders are known by Viasat to hold 10 percent or more of Viasat's voting stock. No stockholder (or principal of such stockholder) controls Viasat or otherwise exercises voting rights with respect to Viasat beyond those rights ordinarily conferred by stock ownership.

The following are the officers and directors of Viasat, all of whom can be reached c/o Viasat, Inc., 6155 El Camino Real, Carlsbad, CA 92009.

Directors

Mark D. Dankberg, Chairman, CEO
Richard A. Baldrige
Frank J. Biondi Jr.
Dr. Robert W. Johnson
B. Allen Lay
Dr. Jeffrey M. Nash
Sean Pak
Varsha Rao
John P. Stenbit
Harvey P. White

Officers/Senior Management

Mark D. Dankberg, Chairman, CEO
Richard A. Baldrige, President, COO
Melinda Del Toro, Senior VP, People & Culture
Bruce Dirks, Senior VP, Treasury & Corporate Development
Shawn Duffy, Senior VP, CFO
Kevin Harkenrider, President, Broadband Services
Keven K. Lippert, Chief Commercial Officer & EVP of Strategic Initiatives
Mark J. Miller, Executive VP, Chief Technical Officer
Ken Peterman, President, Government Systems
Douglas Abts, VP Strategy Development, Broadband Services
Robert Blair, VP, General Counsel and Secretary
Girish Chandran, Vice President and Chief Technical Officer
Marc Agnew, Vice President, Commercial Networks
Dave Ryan, Vice President, and President of Space Systems

No officer or director of Viasat holds a 10 percent or greater interest in Viasat or any other FCC-regulated business as of July 27, 2018. The accompanying FCC Form 683 discloses the ownership interests that each officer and director holds in Viasat itself.

INITIAL PROJECT OVERVIEW

I. VIASAT AND ITS TECHNICAL QUALIFICATIONS

Viasat is a leading provider of communications solutions across a wide variety of technologies (both terrestrial and satellite), and has played a significant role in expanding the availability of broadband services across the country. Among other things, Viasat has revolutionized the satellite industry by reducing the “cost per bit” of delivering broadband service. As a result, Viasat now provides high-quality broadband service to end users, and affords millions of Americans—including in rural and “high-cost” areas—an effective competitive alternative to wired and wireless terrestrial services, which rely on infrastructure that is often less cost-effective.

Viasat is qualified to meet applicable CAF II obligations given its proven track record of technical and commercial success as a provider of satellite broadband services and associated equipment. Viasat’s technical qualifications have been reviewed by the Commission on numerous occasions, and the favorable results of such reviews are reflected in the multiple Commission licenses and authorizations granted to the company. Viasat also holds a number of patents with respect to satellite technology, which cover (for example) user terminals and networking, among others, demonstrating the company’s commitment to the development of innovative network solutions. Viasat is proud to have at its disposal an extensive staff of experienced engineers with expertise in the fields of communications technology, hardware design, software development, data analytics, and networking. This expertise made it possible for Viasat to confidently participate in the CAF II auction with the certainty that the company will be able to fulfill its obligations.

Today, Viasat serves customers in all fifty states, as well as the District of Columbia. These customers include almost 600,000 residential customers. In addition, Viasat connects millions of personal electronic devices per month on aircraft that rely on satellite broadband for connectivity to the Internet. Viasat also has extensive experience managing the technical and customer service-related issues associated with the provision of consumer broadband services. Notably, Viasat monitors network performance on a 24/7 basis and has implemented procedures to leverage its extensive engineering resources quickly and effectively.

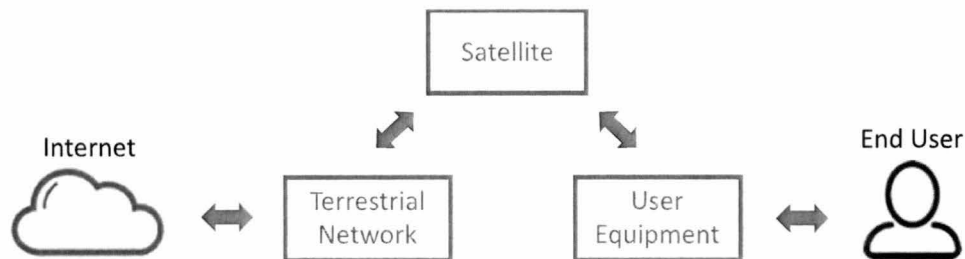
II. VIASAT’S NETWORK ARCHITECTURE

Viasat will use geostationary orbit (“GSO”) network architectures and technologies to provide CAF II-supported services. The same supported services will be provided in all supported areas. As such, the network description provided herein applies to each state in which supported service will be provided.

Viasat currently provides consumer broadband services using the ViaSat-1 and ViaSat-2 GSO networks. Viasat has also been authorized to provide service to the United States using two additional GSO networks at the 79° W.L. and 88.9° W.L. orbital locations. The ability to operate satellites at either or both of those locations, along with associated ground equipment, will allow

Viasat to scale available capacity over time in order to accommodate the demand for CAF II-supported services.

Each of Viasat’s satellite networks is comprised of three principal segments: (i) a *space segment* consisting of communications links between Viasat’s satellites and associated ground facilities (which in turn connect to Viasat’s terrestrial network); (ii) a *terrestrial network* consisting of terrestrial data, management and control functions, and interconnection to the Internet; and (iii) a *user segment*, consisting of links between Viasat’s satellites and the end user equipment.



A. Space Segment

The space segment consists of the communication links between Viasat’s GSO satellites located in space and gateway earth stations or satellite access nodes (“SANs”) located on the ground. As noted above, Viasat currently operates and provides consumer broadband service over two GSO satellites—ViaSat-1 and ViaSat-2. These satellites utilize Ka-band spectrum, and will provide capacity to facilitate the provision of supported services.

- **ViaSat-1** is a “bent-pipe” Ka-band satellite, which uses relatively small “spot beams” that allow the efficient reuse of available spectrum resources. ViaSat-1 provides at least 140 Gbit/s of total capacity. ViaSat-1 currently communicates with 17 gateway earth stations. In addition to an antenna and associated radiofrequency (“RF”) and baseband equipment, each gateway contains a fiber link back to a core node, where data is further processed before connecting to the Internet (as part of the terrestrial network segment, described below).
- **ViaSat-2** is a newer satellite design than ViaSat-1. ViaSat-2 has a maximum potential capacity of approximately 260 Gbit/s. ViaSat-2 has a unique design, which allows ViaSat to allocate capacity among spot beams based on demand. ViaSat-2 currently communicates with 46 SANs. SANs are similar to gateway earth stations, except that in the case of SANs certain equipment (and related functions) are essentially relocated to the core node to increase operational efficiency.

As noted above, Viasat has been authorized to provide service to the United States using two additional GSO networks at the 79° W.L. and 88.9° W.L. orbital locations. The ability to deploy additional satellites at these locations allows Viasat to scale available capacity over time to accommodate additional subscribers.

B. Terrestrial Network

The terrestrial network segment performs the transport, data processing, control, and management functions for Viasat's GSO networks. The terrestrial network segment is physically implemented using core nodes, fiber optic transport links, and public cloud computing centers.

- The **transport network** physically connects each gateway and SAN with its associated core node, and also connects the core nodes together to provide redundant data paths. The transport network is based on leased fiber wavelengths terminated into commercial off-the-shelf ("COTS") switching and routing equipment. Figure 1 shows the topology of the Viasat terrestrial fiber backbone network.



Figure 1: Viasat Fiber Back Bone Network

- Viasat maintains several **core nodes** across the country, which: (i) serve as aggregation points for data traffic routed through gateways and SANs; and (ii) interconnect with the Internet, the public switched telephone network ("PSTN"), and other terrestrial networks through leased fiber. The core nodes essentially operate as private data centers and use a combination of proprietary and COTS applications.
- Control and management functions (*e.g.*, provisioning, accounting, billing, network monitoring, and configuration management) are hosted in the **public cloud**. These functions utilize a combination of proprietary software and customized COTS software products. Hosting these functions in the public cloud allows them to be highly available and easily expandable.

C. User Segment

The user segment refers to the portion of the network that connects each individual user to one or more of Viasat’s GSO satellites and, therefore, the larger satellite network. It is the rough analog of the “last mile” in terrestrial wireline networks. Relevant equipment (other than the satellite itself) includes the following:

- The **user terminal** is the ground-based equipment employed by an individual user to access the Viasat satellite network. The user terminal consists of an indoor unit (IDU), outdoor unit (ODU), inter-facility link (IFL), and power supply (as depicted below).

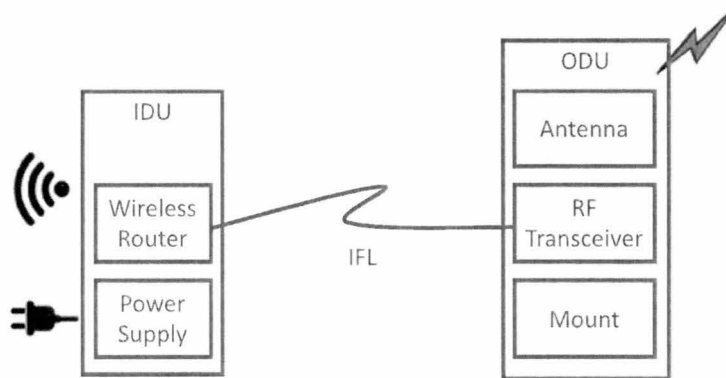


Figure 2: Viasat User Terminals

- The **indoor unit (or IDU)** performs client-side functions related to Internet access (e.g., those related to use of transmission control protocol (TCP) and hypertext transfer protocol (HTTP)), as well as certain signal conversion, modulation, and amplification functions. The IDU also incorporates a WiFi router that can be accessed by end users (and their communications devices) in the same manner as other WiFi routers. The IDU interfaces with the ODU through the inter-facility link (described below).
- The **outdoor unit (or ODU)** performs certain signal conversion, modulation, and amplification functions, and transmits signals to and receives signals from the satellite. The ODU is typically mounted on a roof or a pole and interfaces with the IDU through the inter-facility link (described below).
- The **inter-facility link (or IFL)** is a 75 Ohm coaxial cable that carries the communications signal and electrical power between the IDU and ODU.

III. PHASE II PUBLIC INTEREST OBLIGATIONS

Each of Viasat’s winning bids was submitted for the “Baseline” performance tier. As such, Viasat is required to offer, in each supported area, a plan that provides speeds of 25/3

Mbps, a usage allowance of 180 GB/month (or whatever higher amount is established periodically by the Commission), latency of less than 750 ms, a mean opinion score (“MOS”) of four or better for voice service, and pricing that is “reasonably comparable” to that offered in urban areas.

A. Speed and Capacity

Viasat’s winning bids cover approximately 190,000 locations. The Commission’s Public Notice of February 1, 2018 (FCC 18-6) directs applicants to assume a 70-percent subscription rate for those households for purposes of demonstrating the sufficiency of a proposed broadband network. This implies that Viasat’s network must be able to serve at least 133,000 locations in supported areas by the end of the applicable buildout period.

As noted above, ViaSat-1 provides at least 140 Gbit/s of total capacity, and ViaSat-2 has a maximum potential capacity of approximately 260 Gbit/s. Any satellite deployed at 79° W.L. and/or 88.9° W.L. is expected to provide an even higher level of total capacity.¹ Based on its extensive experience designing, deploying, and operating satellite broadband networks, Viasat is confident that the aggregate capacity available to Viasat will exceed, by a significant margin, the throughput necessary for Viasat to satisfy the Commission’s speed and capacity requirements at the “Baseline” performance tier.

B. Latency and MOS

The round trip latency associated with “single-hop” GSO operations is approximately 600 ms. This satisfies the applicable latency standard.

Viasat’s voice services will be provided using Voice over Internet Protocol (“VoIP”) technologies. Viasat will utilize appropriate codecs and standards to ensure that these voice services satisfy a MOS of four. Viasat has validated its ability to meet this standard through preliminary MOS testing.

C. Pricing

Viasat will offer pricing at rates that are reasonably comparable to those offered in urban areas, as determined through the Commission’s urban rate survey.

¹ Any satellite deployed at these orbital locations will provide greater capacity than Viasat’s existing satellites because Viasat uses more advanced technology supporting greater capacity with each satellite it designs and launches.

CONFIDENTIAL – NOT FOR PUBLIC INSPECTION
PURSUANT TO 47 C.F.R. § 0.459(a)(4)

Viasat Carrier Services, Inc.
FCC Form 683

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

CONFIDENTIAL – NOT FOR PUBLIC INSPECTION
PURSUANT TO 47 C.F.R. § 0.459(a)(4)

Viasat Carrier Services, Inc.
FCC Form 683

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

SPECTRUM ACCESS

Viasat Carrier Services, Inc. (“VCS”) will use Ka-band spectrum to provide supported service over authorized geostationary satellite orbit (“GSO”) networks. More specifically, Ka-band spectrum will be used to support: (i) links between individual end users and satellites and (ii) links between satellites and gateway earth stations and satellite access nodes (“SANs”) located on the ground that connect through leased fiber to the Internet, PSTN, and other terrestrial networks.¹ Viasat, Inc. (“Viasat”), which wholly owns and controls VCS, holds the Commission authorizations for the GSO networks that could be used by VCS to provide service to CAF II locations are described below.

I. THE VIASAT-1 NETWORK (115.1° W.L.)

Viasat is authorized to serve the United States using the ViaSat-1 network in the following portions of the Ka band: 18.3-19.3 GHz and 19.7-20.2 GHz (downlink) and 28.1-29.1 GHz and 29.5-30.0 GHz (uplink)—a total of 2 x 1.5 GHz of spectrum (with 28.1-28.35 GHz not currently authorized for user links). This network has been deployed and is providing service to end users. Relevant Commission authorizations associated with the ViaSat-1 network are reflected in the following table:

<u>Type</u>	<u>Call Sign</u>	<u>IB File No.</u>
Satellite Market Access	S2747	SAT-LOI-20080107-00006
Satellite License	S2747	SAT-LOA-20110722-00132
User Terminal Licenses	E100143	SES-MOD-20121031-00980
	E120026	SES-MOD-20150817-00526
	E170088	SES-LIC-20170401-00357
Gateway Licenses	E110015	SES-LIC-20110211-00150
	E110026	SES-LIC-20110228-00212
	E110033	SES-LIC-20110318-00318
	E110036	SES-LIC-20110318-00323
	E110043	SES-LIC-20110328-00373
	E110044	SES-LIC-20110328-00374
	E110045	SES-LIC-20110328-00375
	E110046	SES-LIC-20110328-00376
	E110047	SES-LIC-20110328-00378
	E110048	SES-LIC-20110328-00379
	E110049	SES-LIC-20110328-00380
	E110050	SES-LIC-20110328-00381
	E110051	SES-LIC-20110328-00382
	E110052	SES-LIC-20110328-00383
	E110064	SES-LIC-20110418-00474
	E110065	SES-LIC-20110419-00488

¹ Under the terms of Viasat’s authorizations, not all Ka-band spectrum is available for both user link and feeder link use.

II. THE VIASAT-2 NETWORK (69.9° W.L.)

Viasat is authorized to serve the United States using the ViaSat-2 network in the following portions of the Ka band: 17.7-19.3 GHz and 19.7-20.2 GHz (downlink) and 27.5-29.1 GHz and 29.5-30.0 GHz (uplink)—a total of 2 x 2.1 GHz of spectrum (with 27.5-28.35 GHz not currently authorized for user links). This network has been deployed and is now providing service to end users. Relevant Commission authorizations associated with the ViaSat-2 network are reflected in the following table:

<u>Type</u>	<u>Call Sign</u>	<u>IB File No.</u>
Satellite Market Access	S2902	SAT-MOD-20160527-00053
User Terminal License	E170088	SES-LIC-20170401-00357
SAN Licenses	E160089	SES-LIC-20160610-00516
	E160090	SES-LIC-20160610-00519
	E160091	SES-LIC-20160610-00520
	E160092	SES-LIC-20160610-00522
	E160093	SES-LIC-20160610-00523
	E160094	SES-LIC-20160610-00524
	E160095	SES-LIC-20160610-00525
	E160096	SES-LIC-20160610-00526
	E160097	SES-LIC-20160610-00527
	E160098	SES-LIC-20160610-00528
	E160099	SES-LIC-20160610-00529
	E160100	SES-LIC-20160610-00530
	E160101	SES-LIC-20160610-00531
	E160102	SES-LIC-20160610-00532
	E160103	SES-LIC-20160610-00533
	E160104	SES-LIC-20160610-00534
	E160105	SES-LIC-20160610-00535
	E160106	SES-LIC-20160610-00536
	E160107	SES-LIC-20160610-00537
	E160108	SES-LIC-20160610-00538
	E160109	SES-LIC-20160610-00539
	E160110	SES-LIC-20160610-00540
	E160111	SES-LIC-20160610-00541
	E160112	SES-LIC-20160610-00542
	E160113	SES-LIC-20160610-00543
	E160114	SES-LIC-20160610-00544
	E160115	SES-LIC-20160610-00545
	E160116	SES-LIC-20160610-00546
	E160117	SES-LIC-20160610-00547
	E160118	SES-LIC-20160610-00548
	E160119	SES-LIC-20160610-00549
	E160120	SES-LIC-20160610-00550
	E160121	SES-LIC-20160610-00551

<u>Type</u>	<u>Call Sign</u>	<u>IB File No.</u>
SAN Licenses (cont.)	E160124	SES-LIC-20160610-00552
	E160122	SES-LIC-20160610-00553
	E160123	SES-LIC-20160610-00554
	E160131	SES-LIC-20160713-00643
	E160130	SESLIC-20160713-00642
	E181211	SES-LIC-20180720-01958
	E181212	SES-LIC-20180720-01959

III. NETWORK AT 79° W.L.

Viasat is authorized to serve the United States using a GSO network at 79° W.L. in the following portions of the Ka band at 18.3-19.3 GHz and 19.7-20.2 GHz (downlink) and 28.1-29.1 GHz and 29.5-30.0 GHz (uplink)—a total of 2 x 1.5 GHz of spectrum (with 28.1-28.35 GHz not currently authorized for user links). Relevant Commission authorizations associated with this network are reflected in the following table:

<u>Type</u>	<u>Call Sign</u>	<u>IB File No.</u>
Satellite Market Access	S2952	SAT-LOI-20160208-00014
User Terminal Licenses	See below	See below
SAN Licenses	See below	See below

The terms of the market access grant referenced above provide for this network to be deployed well in advance of the Commission’s six-year build-out deadline under the Connect America Fund program rules.

Viasat expects to apply for earth station authorizations for SANs and user terminals approximately one year before the satellite is deployed; this timing is consistent with Commission rules requiring earth stations to be placed into service within one year of authorization.

IV. NETWORK AT 88.9° W.L.

Viasat is authorized to serve the United States using a GSO network at 88.9° W.L. in the following portions of the Ka band: 18.3-19.3 GHz and 19.7-20.2 GHz (downlink) and 28.1-29.1 GHz and 29.5-30.0 GHz (uplink)—a total of 2 x 1.5 GHz of spectrum (with 28.1-28.35 GHz not currently authorized for user links). Relevant Commission authorizations associated with this network are reflected in the following table:

<u>Type</u>	<u>Call Sign</u>	<u>IB File No.</u>
Satellite Market Access	S2917	SAT-MOD-20150618-00037
User Terminal Licenses	See below	See below
SAN Licenses	See below	See below

The terms of the market access grant referenced above provide for this network to be deployed well in advance of the Commission's six-year build-out deadline under the Connect America Fund program rules.

Viasat expects to apply for earth station authorizations for SANs and user terminals approximately one year before the satellite is deployed; this timing is consistent with Commission rules requiring earth stations to be placed into service within one year of authorization.

V. COVERAGE OF WINNING BID AREAS

The authorized coverage area of the satellites described above includes the winning bid areas. Specifically, the authorized coverage area of the ViaSat-2 network² and the authorized networks at 79° W.L. and 88.9° W.L. cover all of Viasat's winning bid areas. The ViaSat-1 network covers the subset of winning bid areas listed on Exhibit A.³ Each of the winning bid areas currently is covered by ViaSat-1 and/or ViaSat-2.

² The current configuration of the ViaSat-2 network excludes coverage of five census block group winning bid areas that are covered by ViaSat-1.

³ ViaSat-1 also has partial coverage of certain winning bid areas that are not listed in Exhibit A.

Exhibit A

Winning Bid Areas Covered by ViaSat-1

AL-001-0201001	AL-015-0020003	AL-031-0103001	AL-043-9656002	AL-055-0106013	AL-067-0305003
AL-001-0208011	AL-015-0020004	AL-031-0104002	AL-043-9657002	AL-055-0106022	AL-067-0305004
AL-001-0208012	AL-015-0021012	AL-033-0208023	AL-045-0200001	AL-055-0107001	AL-067-0306001
AL-001-0210001	AL-015-0021032	AL-033-0209012	AL-045-0201001	AL-055-0109001	AL-067-0306002
AL-001-0210002	AL-015-0021033	AL-033-0209013	AL-045-0201002	AL-055-0110011	AL-069-0417002
AL-001-0211001	AL-015-0022002	AL-035-9602001	AL-045-0201003	AL-055-0110012	AL-069-0418002
AL-001-0211002	AL-015-0023002	AL-035-9602002	AL-047-9561002	AL-055-0110013	AL-071-9501002
AL-001-0211003	AL-015-0023003	AL-035-9603002	AL-047-9561003	AL-055-0110022	AL-071-9502002
AL-005-9501001	AL-015-0025012	AL-035-9604001	AL-047-9561005	AL-055-0111002	AL-071-9502003
AL-005-9501003	AL-015-0025013	AL-035-9604003	AL-047-9562011	AL-055-0111003	AL-071-9503001
AL-005-9502001	AL-015-0025021	AL-035-9606002	AL-047-9562021	AL-057-0200001	AL-071-9503003
AL-005-9502002	AL-015-0026002	AL-037-9610002	AL-047-9562022	AL-057-0204002	AL-071-9504001
AL-005-9503001	AL-015-9819021	AL-037-9610003	AL-047-9569001	AL-057-0204004	AL-071-9504003
AL-005-9503002	AL-017-9538001	AL-037-9610004	AL-047-9569002	AL-059-9729001	AL-071-9505001
AL-005-9504001	AL-017-9538002	AL-037-9611001	AL-047-9569003	AL-059-9729002	AL-071-9507002
AL-005-9504002	AL-017-9538003	AL-037-9611003	AL-047-9570001	AL-059-9730001	AL-071-9511001
AL-005-9505002	AL-017-9540005	AL-037-9612001	AL-047-9571001	AL-059-9731001	AL-071-9511002
AL-005-9506002	AL-017-9540006	AL-037-9612002	AL-047-9571002	AL-059-9732003	AL-071-9511004
AL-007-0100011	AL-017-9543005	AL-037-9612004	AL-047-9572002	AL-059-9733002	AL-071-9511005
AL-007-0100012	AL-019-9557021	AL-039-9616001	AL-049-9601004	AL-059-9734001	AL-073-0007001
AL-007-0100031	AL-019-9559003	AL-039-9616004	AL-049-9609001	AL-059-9735001	AL-073-0012002
AL-007-0100032	AL-021-0603001	AL-039-9617001	AL-049-9609002	AL-059-9736002	AL-073-0033002
AL-007-0100033	AL-021-0604021	AL-039-9617002	AL-049-9610002	AL-059-9737001	AL-073-0055002
AL-007-0100034	AL-021-0604023	AL-039-9617003	AL-049-9610003	AL-059-9737004	AL-073-0108052
AL-007-0100043	AL-021-0606002	AL-039-9620001	AL-049-9613001	AL-061-0501001	AL-073-0108054
AL-009-0503001	AL-025-9575001	AL-039-9623001	AL-049-9613005	AL-061-0501002	AL-073-0111103
AL-009-0504001	AL-025-9576011	AL-039-9623002	AL-049-9614001	AL-061-0502002	AL-073-0112061
AL-009-0506011	AL-025-9576021	AL-039-9623003	AL-049-9614003	AL-061-0503005	AL-073-0113011
AL-009-0506021	AL-025-9576023	AL-039-9624002	AL-051-0302001	AL-061-0504004	AL-073-0113021
AL-009-0506022	AL-025-9576025	AL-039-9628001	AL-051-0302003	AL-061-0505001	AL-073-0114001
AL-009-0507001	AL-025-9577001	AL-039-9628002	AL-051-0304001	AL-061-0506002	AL-073-0116001
AL-009-0507002	AL-025-9577002	AL-039-9629001	AL-051-0304002	AL-063-0600001	AL-073-0116002
AL-011-9525001	AL-025-9578003	AL-039-9629002	AL-051-0308004	AL-063-0600002	AL-073-0117041
AL-015-0004002	AL-025-9578004	AL-039-9630001	AL-051-0310002	AL-063-0601001	AL-073-0117052
AL-015-0004003	AL-025-9579024	AL-039-9630002	AL-051-0312001	AL-063-0601002	AL-073-0117061
AL-015-0007001	AL-025-9580011	AL-041-9636001	AL-053-9698001	AL-063-0602001	AL-073-0119011
AL-015-0007003	AL-025-9580021	AL-041-9636002	AL-053-9698003	AL-063-0602002	AL-073-0120012
AL-015-0008001	AL-027-9589001	AL-041-9638001	AL-053-9698004	AL-063-0602003	AL-073-0120024
AL-015-0010004	AL-027-9589002	AL-041-9639001	AL-053-9699001	AL-065-0402001	AL-073-0121032
AL-015-0011002	AL-027-9590001	AL-043-9641002	AL-053-9699003	AL-065-0403002	AL-073-0121041
AL-015-0011004	AL-027-9591001	AL-043-9642001	AL-053-9701003	AL-065-0404001	AL-073-0122001
AL-015-0012011	AL-027-9591002	AL-043-9642003	AL-053-9703001	AL-065-0404003	AL-073-0122002
AL-015-0012023	AL-027-9592001	AL-043-9645001	AL-053-9704001	AL-065-0405001	AL-073-0123021
AL-015-0014001	AL-027-9592002	AL-043-9651001	AL-053-9704003	AL-067-0301001	AL-073-0123022
AL-015-0014002	AL-027-9592003	AL-043-9653001	AL-053-9706001	AL-067-0301002	AL-073-0123042
AL-015-0015001	AL-029-9595001	AL-043-9653003	AL-055-0002002	AL-067-0302002	AL-073-0126023
AL-015-0015002	AL-029-9595002	AL-043-9654011	AL-055-0004003	AL-067-0303001	AL-073-0127013
AL-015-0016003	AL-029-9596001	AL-043-9654012	AL-055-0009003	AL-067-0303002	AL-073-0127041
AL-015-0018001	AL-029-9597002	AL-043-9654023	AL-055-0017002	AL-067-0303003	AL-073-0129112
AL-015-0018002	AL-029-9597003	AL-043-9655001	AL-055-0105022	AL-067-0304001	AL-073-0138012
AL-015-0020001	AL-029-9598001	AL-043-9655003	AL-055-0105023	AL-067-0304002	AL-073-0141021
AL-015-0020002	AL-031-0102001	AL-043-9656001	AL-055-0106012	AL-067-0305002	AL-073-0141023

AL-077-0101001	AL-089-0025011	AL-101-0060001	AL-117-0302141	AL-125-0101021	AZ-013-1166102
AL-077-0102002	AL-089-0101001	AL-101-0060004	AL-117-0302142	AL-125-0101023	AZ-013-1169001
AL-077-0107003	AL-089-0101003	AL-103-0051071	AL-117-0302151	AL-125-0101034	AZ-013-2168092
AL-077-0109003	AL-089-0101004	AL-103-0052003	AL-117-0303362	AL-125-0102022	AZ-013-2168191
AL-077-0113001	AL-089-0102001	AL-103-0053013	AL-117-0303371	AL-125-0103021	AZ-013-2168211
AL-077-0113002	AL-089-0103011	AL-103-0053041	AL-117-0303441	AL-125-0103023	AZ-013-4201101
AL-077-0114004	AL-089-0104011	AL-103-0053042	AL-117-0304061	AL-125-0103031	AZ-013-4203041
AL-077-0115022	AL-089-0104012	AL-103-0054043	AL-117-0304062	AL-125-0104062	AZ-013-4207071
AL-077-0116023	AL-089-0105012	AL-103-0054052	AL-117-0304081	AL-125-0105002	AZ-013-4223013
AL-077-0116032	AL-089-0105013	AL-103-0056001	AL-117-0304082	AL-125-0106011	AZ-013-4223072
AL-077-0118011	AL-089-0105021	AL-103-0057021	AL-117-0305011	AL-125-0106012	AZ-013-4226151
AL-079-9791001	AL-089-0105022	AL-105-6868001	AL-117-0305013	AL-125-0107011	AZ-013-4226311
AL-079-9791002	AL-089-0106211	AL-105-6868002	AL-117-0305021	AL-125-0107013	AZ-013-4226393
AL-079-9792001	AL-089-0106243	AL-105-6870002	AL-117-0306081	AL-125-0107021	AZ-013-4226441
AL-079-9792005	AL-089-0107014	AL-105-6870003	AL-117-0306092	AL-125-0107024	AZ-013-6108001
AL-079-9794004	AL-089-0108001	AL-105-6870005	AL-117-0307011	AL-125-0107031	AZ-013-8104002
AL-079-9795003	AL-089-0108002	AL-105-6871001	AL-117-0307043	AL-125-0112001	AZ-013-8143001
AL-079-9796003	AL-089-0108004	AL-105-6871002	AL-117-0308001	AL-125-0118003	AZ-013-8152001
AL-079-9796004	AL-089-0108005	AL-105-6871003	AL-117-0309001	AL-125-0125011	AZ-021-0002012
AL-079-9797002	AL-089-0109011	AL-105-6871004	AL-117-0309002	AL-127-0201001	AZ-025-0006071
AL-079-9798002	AL-089-0109013	AL-107-0500001	AL-117-0309003	AL-127-0204003	AZ-025-0006102
AL-079-9798003	AL-089-0112001	AL-107-0500002	AL-119-0113001	AL-127-0208004	AZ-025-0007003
AL-079-9799002	AL-089-0113001	AL-107-0500003	AL-119-0113002	AL-127-0210002	AZ-025-0014011
AL-081-0405001	AL-091-9729001	AL-107-0500004	AL-119-0113003	AL-127-0211002	CA-001-4017003
AL-081-0410001	AL-091-9729003	AL-107-0501001	AL-119-0113004	AL-127-0211004	CA-001-4022003
AL-081-0410002	AL-091-9729004	AL-107-0501004	AL-119-0114002	AL-127-0212002	CA-001-4044001
AL-081-0410003	AL-091-9729005	AL-107-0502001	AL-119-0115001	AL-127-0213001	CA-001-4060002
AL-081-0418001	AL-091-9730002	AL-107-0502002	AL-119-0116001	AL-127-0213003	CA-001-4060003
AL-081-0419001	AL-091-9730003	AL-107-0503001	AL-119-0116002	AL-127-0215004	CA-001-4061001
AL-081-0419002	AL-091-9730004	AL-107-0503002	AL-121-0101012	AL-127-0216002	CA-001-4061004
AL-081-0419003	AL-091-9730005	AL-107-0504001	AL-121-0101021	AL-127-0217003	CA-001-4090001
AL-081-0419004	AL-091-9731001	AL-107-0504003	AL-121-0101022	AL-129-0441003	CA-001-4090002
AL-081-0421012	AL-091-9731002	AL-107-0504005	AL-121-0102012	AL-129-0442002	CA-001-4093003
AL-081-0421013	AL-091-9731003	AL-109-1886001	AL-121-0103011	AL-129-0442003	CA-001-4105001
AL-081-0421023	AL-091-9734001	AL-109-1887001	AL-121-0103021	AL-129-0442004	CA-001-4220002
AL-083-0202022	AL-091-9734004	AL-109-1888001	AL-121-0103022	AL-129-0443001	CA-001-4272001
AL-083-0203001	AL-091-9734005	AL-109-1892001	AL-121-0104001	AL-131-0347001	CA-001-4276002
AL-083-0204013	AL-095-0301001	AL-109-1892002	AL-121-0107001	AL-131-0348002	CA-001-4306003
AL-083-0204021	AL-095-0301002	AL-109-1893001	AL-121-0110001	AL-131-0348003	CA-001-4324001
AL-083-0208021	AL-095-0302023	AL-109-1893003	AL-121-0111001	AL-131-0348004	CA-001-4337001
AL-083-0208022	AL-095-0307012	AL-109-1893004	AL-121-0111003	AL-131-0351003	CA-001-4351022
AL-083-0211001	AL-095-0308021	AL-111-0001001	AL-121-0113005	AL-131-0351004	CA-001-4355002
AL-083-0212003	AL-095-0310001	AL-111-0001002	AL-121-0114002	AL-131-0352001	CA-001-4358001
AL-085-7808002	AL-095-0310002	AL-111-0002001	AL-121-0115003	AL-131-0352002	CA-001-4365002
AL-085-7808003	AL-095-0310003	AL-111-0006001	AL-121-0115004	AL-133-9655021	CA-001-4382031
AL-085-7810001	AL-095-0311001	AL-111-0006002	AL-121-0116001	AL-133-9656005	CA-001-4401001
AL-085-7810002	AL-095-0312003	AL-113-0309022	AL-121-0116002	AL-133-9659001	CA-001-4419232
AL-085-7811001	AL-099-0756001	AL-113-0310002	AL-121-0117001	AL-133-9659003	CA-001-4419244
AL-085-7811002	AL-099-0757002	AL-113-0311001	AL-121-0119001	AZ-007-0002001	CA-001-4420002
AL-085-7812001	AL-099-0758001	AL-113-0311002	AL-123-9619001	AZ-007-0004003	CA-001-4501021
AL-085-7812002	AL-099-0759001	AL-113-0312001	AL-123-9619002	AZ-007-0010002	CA-001-4501023
AL-087-2314001	AL-099-0760001	AL-113-0312002	AL-123-9620002	AZ-007-0011003	CA-001-4505022
AL-087-2316021	AL-099-0761001	AL-113-0312003	AL-123-9623004	AZ-013-0405152	CA-001-4506011
AL-087-2316031	AL-099-0761002	AL-115-0401052	AL-123-9623005	AZ-013-0405161	CA-001-4506012
AL-087-2322001	AL-099-0761004	AL-115-0404013	AL-123-9624001	AZ-013-0610281	CA-001-4507012
AL-087-2323001	AL-099-0761005	AL-115-0404021	AL-123-9625011	AZ-013-0610393	CA-001-4507013
AL-089-0002011	AL-099-0762002	AL-115-0404022	AL-123-9625013	AZ-013-0611001	CA-001-4507411
AL-089-0002021	AL-101-0051012	AL-117-0301022	AL-123-9625021	AZ-013-0822071	CA-001-4507423
AL-089-0003012	AL-101-0056041	AL-117-0301023	AL-123-9625022	AZ-013-1036081	CA-001-4507431
AL-089-0005031	AL-101-0056043	AL-117-0301031	AL-123-9627001	AZ-013-1125141	CA-001-4507441
AL-089-0014022	AL-101-0059014	AL-117-0302111	AL-125-0101011	AZ-013-1152003	CA-001-4507511

CA-001-4507521	CA-029-0006002	CA-037-6013024	CA-045-0101002	CA-059-0320501	CA-065-0429011
CA-001-4511011	CA-029-0010001	CA-037-6703263	CA-045-0101003	CA-059-0320564	CA-065-0429031
CA-001-4511013	CA-029-0028061	CA-037-6704111	CA-045-0105004	CA-059-0320593	CA-065-0429042
CA-001-4511015	CA-029-0032024	CA-037-6705001	CA-045-0108021	CA-059-0320612	CA-065-0430052
CA-001-4512021	CA-029-0032025	CA-037-8001023	CA-045-0110021	CA-059-0422031	CA-065-0430081
CA-001-4513001	CA-029-0032063	CA-037-8003261	CA-045-0110025	CA-059-0423121	CA-065-0432352
CA-001-9820001	CA-029-0033051	CA-037-8003263	CA-045-0111022	CA-059-0423131	CA-065-0432391
CA-013-3020104	CA-029-0033062	CA-037-8003301	CA-045-0111023	CA-059-0423151	CA-065-0432541
CA-013-3031021	CA-029-0037001	CA-037-8004061	CA-045-0112001	CA-059-0423152	CA-065-0432573
CA-013-3032051	CA-029-0038031	CA-037-8004101	CA-045-0112002	CA-059-0423153	CA-065-0432793
CA-013-3050003	CA-029-0038043	CA-037-9001032	CA-045-0112003	CA-059-0423192	CA-065-0433173
CA-013-3090001	CA-029-0038092	CA-037-9003001	CA-045-0114003	CA-059-0423202	CA-065-0435091
CA-013-3131014	CA-029-0043012	CA-037-9101011	CA-045-0118001	CA-059-0423321	CA-065-0438111
CA-013-3132042	CA-029-0045001	CA-037-9102051	CA-053-0001041	CA-059-0423331	CA-065-0438131
CA-013-3142003	CA-029-0052042	CA-037-9107071	CA-053-0101012	CA-059-0423342	CA-065-0438232
CA-013-3150001	CA-029-0054023	CA-037-9107091	CA-053-0102023	CA-059-0524083	CA-065-0441041
CA-013-3150002	CA-029-0055012	CA-037-9108081	CA-053-0105011	CA-059-0524102	CA-065-0444021
CA-013-3170001	CA-029-0055072	CA-037-9108121	CA-053-0105012	CA-059-0524184	CA-065-0444022
CA-013-3180002	CA-029-0056002	CA-037-9108132	CA-053-0105041	CA-059-0524203	CA-065-0444024
CA-013-3200011	CA-029-0059001	CA-037-9110011	CA-053-0110001	CA-059-0524221	CA-065-0444041
CA-013-3270005	CA-029-0059003	CA-037-9200111	CA-053-0110003	CA-059-0524222	CA-065-0444052
CA-013-3451151	CA-029-0060033	CA-037-9200121	CA-053-0111023	CA-059-0524233	CA-065-0451241
CA-013-3452022	CA-029-0063012	CA-037-9200151	CA-053-0112041	CA-059-0524254	CA-065-0452161
CA-013-3452023	CA-029-0064014	CA-037-9200314	CA-053-0113031	CA-059-0524272	CA-065-0452281
CA-013-3452042	CA-033-0001001	CA-037-9200321	CA-053-0113041	CA-059-0525135	CA-065-0456053
CA-013-3461012	CA-033-0003001	CA-037-9200431	CA-053-0113042	CA-059-0525151	CA-065-0456054
CA-013-3461023	CA-033-0003002	CA-037-9201022	CA-053-0114001	CA-059-0525171	CA-065-0456055
CA-013-3470002	CA-033-0004005	CA-037-9201023	CA-053-0114002	CA-059-0525172	CA-065-0464011
CA-013-3522021	CA-033-0005011	CA-037-9201041	CA-053-0116023	CA-059-0525191	CA-065-0490003
CA-013-3530012	CA-033-0005022	CA-037-9201162	CA-053-0116041	CA-059-0525211	CA-065-0494001
CA-013-3540022	CA-033-0006001	CA-037-9201191	CA-053-0130002	CA-059-0525271	CA-065-0497002
CA-013-3551081	CA-033-0006004	CA-037-9203031	CA-053-0132001	CA-059-0525274	CA-065-0507003
CA-013-3551083	CA-033-0006005	CA-037-9203123	CA-053-0133001	CA-059-0626042	CA-065-0509001
CA-013-3553045	CA-033-0007011	CA-037-9203381	CA-053-0133002	CA-059-0626045	CA-065-0514003
CA-013-3553061	CA-033-0007021	CA-037-9303011	CA-053-0133004	CA-059-0626102	CA-065-9404002
CA-013-3570001	CA-033-0007023	CA-037-9800031	CA-053-0140001	CA-059-0626112	CA-065-9406001
CA-013-3570002	CA-033-0008011	CA-037-9800041	CA-053-0141022	CA-059-0626143	CA-065-9800041
CA-013-3580005	CA-033-0008012	CA-037-9800091	CA-053-0141071	CA-059-0626201	CA-067-0004004
CA-013-3591032	CA-033-0009002	CA-037-9800281	CA-053-0146012	CA-059-0626213	CA-067-0006001
CA-013-3592022	CA-033-0010001	CA-037-9800331	CA-053-0148002	CA-059-0626281	CA-067-0008001
CA-013-3592031	CA-033-0010002	CA-041-1011001	CA-053-0148003	CA-059-0626361	CA-067-0011011
CA-013-3650023	CA-033-0010004	CA-041-1031002	CA-055-2004003	CA-059-0626431	CA-067-0013001
CA-013-3780001	CA-033-0011001	CA-041-1060021	CA-055-2006014	CA-059-0626432	CA-067-0013003
CA-013-3800003	CA-033-0012002	CA-041-1060023	CA-055-2007032	CA-059-0626435	CA-067-0021001
CA-013-3922002	CA-033-0012003	CA-041-1081004	CA-055-2009001	CA-059-0626443	CA-067-0021003
CA-015-0001011	CA-033-0013002	CA-041-1102002	CA-055-2010031	CA-059-0626451	CA-067-0022002
CA-015-0002013	CA-033-0013003	CA-041-1122022	CA-055-2012001	CA-059-0626493	CA-067-0052043
CA-015-0002021	CA-033-0013004	CA-041-1130003	CA-055-2012002	CA-059-0753011	CA-067-0053011
CA-015-0002023	CA-037-1014002	CA-041-1141001	CA-055-2013001	CA-059-0755151	CA-067-0053012
CA-015-0002024	CA-037-1066032	CA-041-1170001	CA-055-2014022	CA-059-0755154	CA-067-0055021
CA-015-0002031	CA-037-2612001	CA-041-1212002	CA-055-2014023	CA-059-0756045	CA-067-0062021
CA-023-0101021	CA-037-2975001	CA-041-1242003	CA-055-2016012	CA-059-0995021	CA-067-0070011
CA-023-0101022	CA-037-4006042	CA-041-1270004	CA-055-2018002	CA-065-0406072	CA-069-0001001
CA-023-0101023	CA-037-4078021	CA-041-1302021	CA-055-2019001	CA-065-0414093	CA-069-0001004
CA-023-0101024	CA-037-4303012	CA-041-1311001	CA-055-2019002	CA-065-0419091	CA-069-0002006
CA-023-0102001	CA-037-4338021	CA-041-1311002	CA-059-0320152	CA-065-0419112	CA-071-0001161
CA-023-0102002	CA-037-4606003	CA-041-1311003	CA-059-0320233	CA-065-0420072	CA-071-0001162
CA-023-9400001	CA-037-4608001	CA-041-1322003	CA-059-0320411	CA-065-0422142	CA-071-0019032
CA-023-9400002	CA-037-5304002	CA-041-1330001	CA-059-0320421	CA-065-0427232	CA-071-0022041
CA-029-0001015	CA-037-5321011	CA-041-1330003	CA-059-0320471	CA-065-0427261	CA-071-0027061
CA-029-0005071	CA-037-5400004	CA-045-0101001	CA-059-0320492	CA-065-0427371	CA-071-0041041

CA-071-0045031	CA-073-0125021	CA-073-0208013	CA-079-0116001	CA-083-0020111	CA-085-5102002
CA-071-0045032	CA-073-0132063	CA-073-0208071	CA-079-0116002	CA-083-0020132	CA-085-5102003
CA-071-0071052	CA-073-0133131	CA-073-0208101	CA-079-0117012	CA-083-0021033	CA-085-5115001
CA-071-0076043	CA-073-0139051	CA-073-0208111	CA-079-0123021	CA-083-0023064	CA-085-5116081
CA-071-0078001	CA-073-0140022	CA-073-0209021	CA-079-0123023	CA-083-0024022	CA-085-5117013
CA-071-0079043	CA-073-0148033	CA-073-0209022	CA-079-0123043	CA-083-0025023	CA-085-5117021
CA-071-0080013	CA-073-0150002	CA-073-0209031	CA-079-0127022	CA-083-0026041	CA-085-5117051
CA-071-0086012	CA-073-0153022	CA-073-0209032	CA-079-0127023	CA-083-0026061	CA-085-5118002
CA-071-0086022	CA-073-0154061	CA-073-0209033	CA-079-0127024	CA-083-0027024	CA-085-5119092
CA-071-0087031	CA-073-0155011	CA-073-0209041	CA-079-0127041	CA-083-0028062	CA-085-5120011
CA-071-0091093	CA-073-0155021	CA-073-0209042	CA-079-0129001	CA-083-0028081	CA-085-5120332
CA-071-0091101	CA-073-0156021	CA-073-0210001	CA-079-0130002	CA-083-0028091	CA-085-5123051
CA-071-0091102	CA-073-0160002	CA-073-0210003	CA-081-6030001	CA-083-0029071	CA-085-5123083
CA-071-0092011	CA-073-0162021	CA-073-0211001	CA-081-6031002	CA-083-0029073	CA-085-5123091
CA-071-0092012	CA-073-0165021	CA-073-0211002	CA-081-6054005	CA-083-0029221	CA-087-1004001
CA-071-0097072	CA-073-0166052	CA-073-0211003	CA-081-6057003	CA-083-0029321	CA-087-1009002
CA-071-0097082	CA-073-0168022	CA-073-0211004	CA-081-6063002	CA-083-0029322	CA-087-1010004
CA-071-0097124	CA-073-0168041	CA-073-0212022	CA-081-6069002	CA-083-0030011	CA-087-1202001
CA-071-0097141	CA-073-0168073	CA-073-0213021	CA-081-6076001	CA-083-0030012	CA-087-1203013
CA-071-0100091	CA-073-0169014	CA-073-0213022	CA-081-6080044	CA-083-0031021	CA-087-1205001
CA-071-0100133	CA-073-0169021	CA-073-0213033	CA-081-6086002	CA-083-0031022	CA-087-1206001
CA-071-0104021	CA-073-0170101	CA-073-0213041	CA-081-6090001	CA-085-5002002	CA-087-1206003
CA-071-0104112	CA-073-0170201	CA-073-0213042	CA-081-6091001	CA-085-5003001	CA-087-1209001
CA-071-0104132	CA-073-0170211	CA-073-0214001	CA-081-6091002	CA-085-5008002	CA-087-1212003
CA-071-0104134	CA-073-0170212	CA-073-0219001	CA-081-6103042	CA-085-5022011	CA-087-1213001
CA-071-0104151	CA-073-0170301	CA-073-0219002	CA-081-6103043	CA-085-5031151	CA-087-1214012
CA-071-0104172	CA-073-0170492	CA-075-0101001	CA-081-6117004	CA-085-5033212	CA-087-1220033
CA-071-0104193	CA-073-0172001	CA-075-0105001	CA-081-6121003	CA-085-5033341	CA-087-1220035
CA-071-0108021	CA-073-0183004	CA-075-0126021	CA-081-6132001	CA-085-5043082	CA-087-1224001
CA-071-0109021	CA-073-0184003	CA-075-0127001	CA-081-6132004	CA-085-5043111	CA-089-0106032
CA-071-0110021	CA-073-0185182	CA-075-0179021	CA-081-6133001	CA-085-5043181	CA-089-0108072
CA-071-0110022	CA-073-0186032	CA-075-0180002	CA-081-6133002	CA-085-5044203	CA-089-0110012
CA-071-0111014	CA-073-0186121	CA-075-0230011	CA-081-6134002	CA-085-5046021	CA-089-0115001
CA-071-0111021	CA-073-0187001	CA-075-0251003	CA-081-6134003	CA-085-5048021	CA-089-0116001
CA-071-0113001	CA-073-0188032	CA-075-0257012	CA-081-6136001	CA-085-5050011	CA-089-0124001
CA-071-0113002	CA-073-0189031	CA-075-0261004	CA-081-6137002	CA-085-5050061	CA-093-0005001
CA-071-0115001	CA-073-0190011	CA-075-0352021	CA-081-6138001	CA-085-5050062	CA-093-0007022
CA-071-0115002	CA-073-0190013	CA-075-0601001	CA-081-6138002	CA-085-5050081	CA-093-0007033
CA-071-0118003	CA-073-0191011	CA-075-0604001	CA-081-6138003	CA-085-5050091	CA-093-0008001
CA-071-0121032	CA-073-0191014	CA-075-0607001	CA-081-6138004	CA-085-5051002	CA-093-0008003
CA-071-0127001	CA-073-0191061	CA-075-9803001	CA-083-0001031	CA-085-5052022	CA-097-1501003
CA-071-0250001	CA-073-0191062	CA-075-9809001	CA-083-0005011	CA-085-5052023	CA-097-1502021
CA-073-0030031	CA-073-0192082	CA-077-0028001	CA-083-0005012	CA-085-5052031	CA-097-1502023
CA-073-0032012	CA-073-0193031	CA-077-0041021	CA-083-0007001	CA-085-5061022	CA-097-1503032
CA-073-0038001	CA-073-0193033	CA-077-0042013	CA-083-0007002	CA-085-5061031	CA-097-1503063
CA-073-0051002	CA-073-0194053	CA-077-0042041	CA-083-0007004	CA-085-5065023	CA-097-1505002
CA-073-0054001	CA-073-0199021	CA-077-0046002	CA-083-0013062	CA-085-5068012	CA-097-1505003
CA-073-0061002	CA-073-0199032	CA-077-0055022	CA-083-0015001	CA-085-5070022	CA-097-1506034
CA-073-0062001	CA-073-0200271	CA-079-0100022	CA-083-0017041	CA-085-5076003	CA-097-1506073
CA-073-0065002	CA-073-0201031	CA-079-0100162	CA-083-0017061	CA-085-5077034	CA-097-1506122
CA-073-0065003	CA-073-0201032	CA-079-0102012	CA-083-0017062	CA-085-5078051	CA-097-1507011
CA-073-0066001	CA-073-0201051	CA-079-0102022	CA-083-0017064	CA-085-5081012	CA-097-1507021
CA-073-0094001	CA-073-0203061	CA-079-0103001	CA-083-0017065	CA-085-5081021	CA-097-1511003
CA-073-0095041	CA-073-0203071	CA-079-0103004	CA-083-0018001	CA-085-5087034	CA-097-1512011
CA-073-0099011	CA-073-0203072	CA-079-0104041	CA-083-0019011	CA-085-5087042	CA-097-1512012
CA-073-0100054	CA-073-0204012	CA-079-0106021	CA-083-0019013	CA-085-5087043	CA-097-1512014
CA-073-0100091	CA-073-0204032	CA-079-0106032	CA-083-0019031	CA-085-5091084	CA-097-1513091
CA-073-0100094	CA-073-0205003	CA-079-0109012	CA-083-0019051	CA-085-5091092	CA-097-1516012
CA-073-0100141	CA-073-0207091	CA-079-0112002	CA-083-0019064	CA-085-5092014	CA-097-1516021
CA-073-0100142	CA-073-0207101	CA-079-0115041	CA-083-0020061	CA-085-5092023	CA-097-1521001
CA-073-0124011	CA-073-0208012	CA-079-0115042	CA-083-0020074	CA-085-5093021	CA-097-1524001

CA-097-1524003	CA-111-0047041	CO-117-0002003	FL-011-0606062	FL-023-1103003	FL-039-0201013
CA-097-1526001	CA-111-0049021	CO-117-0003001	FL-011-0702051	FL-023-1103004	FL-039-0201022
CA-097-1527011	CA-111-0052051	CO-117-0004021	FL-011-0703161	FL-023-1104001	FL-039-0204002
CA-097-1529061	CA-111-0053051	CO-117-0004022	FL-011-0703164	FL-023-1105001	FL-039-0204004
CA-097-1530052	CA-111-0057001	CO-119-0101051	FL-011-0703171	FL-023-1105002	FL-041-9501001
CA-097-1530053	CA-111-0073001	CO-119-0102021	FL-011-0704012	FL-023-1105003	FL-041-9501004
CA-097-1531032	CA-111-0074053	FL-001-0007003	FL-011-0801025	FL-023-1107001	FL-041-9502011
CA-097-1531041	CA-111-0075121	FL-001-0009011	FL-011-0901021	FL-023-1108001	FL-041-9502032
CA-097-1533002	CA-111-0076112	FL-001-0009024	FL-011-1003004	FL-023-1109011	FL-041-9502041
CA-097-1533003	CA-111-0076132	FL-001-0014003	FL-011-1103202	FL-023-1109012	FL-043-0001001
CA-097-1533004	CA-111-0083051	FL-001-0015213	FL-011-1103211	FL-023-1109013	FL-043-0002002
CA-097-1535022	CA-111-0084021	FL-001-0016043	FL-011-1106003	FL-023-1109042	FL-043-0002003
CA-097-1535024	CO-013-0127053	FL-001-0016044	FL-011-9800001	FL-027-0101011	FL-043-0003001
CA-097-1537034	CO-013-0127071	FL-001-0017021	FL-013-0102001	FL-027-0101012	FL-043-0003002
CA-097-1537044	CO-013-0136021	FL-001-0018011	FL-013-0102002	FL-027-0101013	FL-043-0003003
CA-097-1537051	CO-013-0136022	FL-001-0018064	FL-013-0102003	FL-027-0102002	FL-047-9601001
CA-097-1537062	CO-013-0137014	FL-001-0018114	FL-013-0103001	FL-027-0104031	FL-045-9601002
CA-097-1537063	CO-013-0137022	FL-001-0018131	FL-013-0103002	FL-027-0104041	FL-045-9601004
CA-097-1538011	CO-013-0137027	FL-001-0018141	FL-013-0103003	FL-027-0104061	FL-045-9601005
CA-097-1538091	CO-015-0002003	FL-001-0019022	FL-013-0103004	FL-027-0104062	FL-045-9603001
CA-097-1539013	CO-015-0003001	FL-001-0019072	FL-013-0103005	FL-029-9701012	FL-045-9603002
CA-097-1540001	CO-015-0003003	FL-001-0019082	FL-015-0101001	FL-029-9701021	FL-047-9601001
CA-097-1540003	CO-015-0004022	FL-001-0020002	FL-015-0102003	FL-029-9702001	FL-047-9601003
CA-097-1541001	CO-019-0147001	FL-001-0020003	FL-015-0103022	FL-029-9702002	FL-047-9602003
CA-097-1541002	CO-019-0149001	FL-001-0020004	FL-015-0105012	FL-029-9702003	FL-047-9603001
CA-097-1541003	CO-027-9701001	FL-001-0021011	FL-015-0105024	FL-029-9702004	FL-049-9701011
CA-097-1541004	CO-027-9701004	FL-001-0021021	FL-015-0202022	FL-033-0003001	FL-049-9701021
CA-097-1542012	CO-031-0014031	FL-001-0022011	FL-015-0203011	FL-033-0006001	FL-049-9702011
CA-097-1542021	CO-043-9781001	FL-001-0022012	FL-015-0203033	FL-033-0011011	FL-049-9702021
CA-097-1542022	CO-043-9781002	FL-001-0022021	FL-015-0204001	FL-033-0011012	FL-049-9703005
CA-097-1543023	CO-043-9781003	FL-001-0022023	FL-015-0204005	FL-033-0011032	FL-049-9704004
CA-097-1543024	CO-043-9782001	FL-001-0022053	FL-015-0301001	FL-033-0016001	FL-051-0001004
CA-097-1543031	CO-043-9783001	FL-001-0022091	FL-015-0301003	FL-033-0026032	FL-051-0001005
CA-097-1543041	CO-043-9785002	FL-001-0022101	FL-015-0301004	FL-033-0033051	FL-051-0002002
CA-097-1543042	CO-043-9790001	FL-001-0022103	FL-015-0302002	FL-033-0035034	FL-051-0002005
CA-097-1543043	CO-043-9790002	FL-001-0022192	FL-015-0305011	FL-033-0036031	FL-051-0003003
CA-099-0001021	CO-043-9792001	FL-001-0022201	FL-017-4501012	FL-033-0036033	FL-051-0003004
CA-105-0001011	CO-043-9792002	FL-003-0402013	FL-017-4503021	FL-033-0036082	FL-051-0003005
CA-105-0001012	CO-043-9794001	FL-005-0002011	FL-017-4503023	FL-033-0036111	FL-051-0004011
CA-105-0001013	CO-047-0138002	FL-005-0002012	FL-017-4503041	FL-033-0036131	FL-051-0006001
CA-105-0001021	CO-049-0002011	FL-005-0002021	FL-017-4503043	FL-033-0038001	FL-053-0401013
CA-105-0001023	CO-049-0002012	FL-005-0003001	FL-017-4504003	FL-033-0038002	FL-053-0402021
CA-105-0002001	CO-049-0002022	FL-005-0003002	FL-017-4504004	FL-033-0039001	FL-053-0402023
CA-105-0002002	CO-049-0002023	FL-005-0003003	FL-017-4504005	FL-033-0039002	FL-053-0403031
CA-105-0003001	CO-049-0002024	FL-005-0003004	FL-017-4505002	FL-033-0039003	FL-053-0406011
CA-105-0003002	CO-059-0098062	FL-005-0004001	FL-017-4505004	FL-033-0040003	FL-053-0416003
CA-107-0001002	CO-059-0111002	FL-005-0004003	FL-017-4507024	FL-033-0040004	FL-055-9601011
CA-107-0001004	CO-059-0120584	FL-005-0005001	FL-017-4509022	FL-035-0601041	FL-055-9601034
CA-107-0027001	CO-065-9619002	FL-005-0005002	FL-017-4514001	FL-035-0602044	FL-055-9605023
CA-107-0027002	CO-069-0019031	FL-005-0006001	FL-017-4514003	FL-035-0602061	FL-055-9609001
CA-107-0027004	CO-069-0024011	FL-005-0007001	FL-017-4516011	FL-035-0602062	FL-055-9610002
CA-107-0044004	CO-069-0024012	FL-005-0008052	FL-017-4516012	FL-035-0602063	FL-055-9612004
CA-111-0003022	CO-069-0025031	FL-005-0015012	FL-021-0101022	FL-035-0602071	FL-055-9613021
CA-111-0003041	CO-069-0028031	FL-007-0002004	FL-021-0104131	FL-035-0602073	FL-055-9613023
CA-111-0004001	CO-093-0001003	FL-007-0003003	FL-021-0108032	FL-035-0603011	FL-055-9614003
CA-111-0009011	CO-093-0002002	FL-007-0003005	FL-021-0111021	FL-035-0603041	FL-055-9615001
CA-111-0009021	CO-109-9776003	FL-007-0004003	FL-021-0112021	FL-037-9701002	FL-055-9615002
CA-111-0010011	CO-117-0001001	FL-011-0102001	FL-021-0112051	FL-037-9701003	FL-055-9616011
CA-111-0012041	CO-117-0001003	FL-011-0105032	FL-021-0114003	FL-037-9702001	FL-055-9616021
CA-111-0043051	CO-117-0002001	FL-011-0308012	FL-023-1102023	FL-037-9703021	FL-055-9616032
CA-111-0046001	CO-117-0002002	FL-011-0421002	FL-023-1103001	FL-039-0201011	FL-055-9617002

FL-055-9800001	FL-065-2501023	FL-081-0020151	FL-091-0201001	FL-103-0245133	FL-105-0151021
FL-057-0053012	FL-065-2502002	FL-083-0004011	FL-091-0201003	FL-103-0251073	FL-105-0152001
FL-057-0053021	FL-065-2502003	FL-083-0004012	FL-091-0201004	FL-103-0268182	FL-105-0153011
FL-057-0054011	FL-067-9601001	FL-083-0005012	FL-091-0202001	FL-103-0287002	FL-105-0153012
FL-057-0072002	FL-067-9602001	FL-083-0005021	FL-091-0203011	FL-105-0116041	FL-105-0153013
FL-057-0073001	FL-067-9602002	FL-083-0005022	FL-091-0203012	FL-105-0116051	FL-105-0153021
FL-057-0101031	FL-067-9602003	FL-083-0006012	FL-091-0203021	FL-105-0116061	FL-105-0154011
FL-057-0102131	FL-071-0101036	FL-083-0006042	FL-091-0205001	FL-105-0117212	FL-105-0154012
FL-057-0102141	FL-071-0102031	FL-083-0006052	FL-091-0206002	FL-105-0117221	FL-105-0154021
FL-057-0103043	FL-071-0401132	FL-083-0007013	FL-091-0206003	FL-105-0120011	FL-105-0154022
FL-057-0109001	FL-071-0401152	FL-083-0010045	FL-091-0208001	FL-105-0121111	FL-105-0154041
FL-057-0117081	FL-071-0402093	FL-083-0010062	FL-091-0208003	FL-105-0123042	FL-105-0154051
FL-057-0121061	FL-071-0403093	FL-083-0011031	FL-091-0212002	FL-105-0123071	FL-105-0155001
FL-057-0125012	FL-071-0403121	FL-083-0012061	FL-091-0214001	FL-105-0123091	FL-105-0155002
FL-057-0125013	FL-071-0403142	FL-083-0015002	FL-091-0232001	FL-105-0124031	FL-105-0156002
FL-057-0130012	FL-071-0403144	FL-083-0020012	FL-093-9101011	FL-105-0124032	FL-105-0157011
FL-057-0130021	FL-071-0901001	FL-083-0021003	FL-093-9101022	FL-105-0124041	FL-105-0157021
FL-057-0131002	FL-073-0018021	FL-083-0024012	FL-093-9104011	FL-105-0124051	FL-105-0157022
FL-057-0136021	FL-073-0022072	FL-083-0025041	FL-099-0002143	FL-105-0124061	FL-105-0157023
FL-057-0136041	FL-073-0023022	FL-083-0027021	FL-099-0005071	FL-105-0124071	FL-105-0158011
FL-057-0137043	FL-073-0024111	FL-086-0004084	FL-099-0050002	FL-105-0124091	FL-105-0158012
FL-057-0138011	FL-073-0024131	FL-086-0005033	FL-099-0059261	FL-105-0124101	FL-105-0158021
FL-057-0139031	FL-073-0025081	FL-086-0005034	FL-099-0059352	FL-105-0124111	FL-105-0159001
FL-057-0139032	FL-073-0025082	FL-086-0008062	FL-099-0060082	FL-105-0125022	FL-105-0160032
FL-057-0139071	FL-073-0025085	FL-086-0017014	FL-099-0066033	FL-105-0125061	FL-105-0161001
FL-057-0139072	FL-073-0026031	FL-086-0029003	FL-099-0072033	FL-105-0127001	FL-105-0164003
FL-057-0139122	FL-073-0027011	FL-086-0060022	FL-099-0077132	FL-105-0127002	FL-107-9501001
FL-057-0139181	FL-073-0027012	FL-086-0090401	FL-099-0077303	FL-105-0129002	FL-107-9502013
FL-057-0139201	FL-073-0027022	FL-086-0093092	FL-099-0077531	FL-105-0129003	FL-107-9502021
FL-057-0139231	FL-075-9701021	FL-086-0101931	FL-099-0077591	FL-105-0130011	FL-107-9503001
FL-057-0140091	FL-075-9702001	FL-086-0106171	FL-099-0078221	FL-105-0132002	FL-107-9505003
FL-057-0141042	FL-075-9703011	FL-086-0107042	FL-099-0078281	FL-105-0139022	FL-107-9506002
FL-057-0141061	FL-075-9703012	FL-086-0114013	FL-099-0078392	FL-105-0141031	FL-107-9506003
FL-057-0141091	FL-075-9704001	FL-086-0114014	FL-099-0079081	FL-105-0141041	FL-107-9512002
FL-057-0141171	FL-075-9704002	FL-086-0114015	FL-099-0079091	FL-105-0141211	FL-107-9512004
FL-057-0141191	FL-075-9704003	FL-086-0114041	FL-099-0079121	FL-105-0141232	FL-113-0101001
FL-057-9804001	FL-075-9705004	FL-086-0114043	FL-099-0080011	FL-105-0141251	FL-113-0101002
FL-057-9806001	FL-075-9707001	FL-086-0115001	FL-099-0080012	FL-105-0142011	FL-113-0101003
FL-059-9601001	FL-077-9501001	FL-086-0115003	FL-099-0080021	FL-105-0142013	FL-113-0102002
FL-059-9601002	FL-077-9501002	FL-086-0115004	FL-099-0081013	FL-105-0142021	FL-113-0102004
FL-059-9602002	FL-077-9502001	FL-086-0115005	FL-099-0082021	FL-105-0142032	FL-113-0103001
FL-059-9602004	FL-077-9502004	FL-086-0124004	FL-099-0083011	FL-105-0142033	FL-113-0103002
FL-059-9603002	FL-079-1101002	FL-086-0125001	FL-099-0083022	FL-105-0142034	FL-113-0104001
FL-059-9604001	FL-079-1102001	FL-086-0140001	FL-101-0317011	FL-105-0143011	FL-113-0104002
FL-059-9604002	FL-079-1102002	FL-086-0153001	FL-101-0317012	FL-105-0143021	FL-113-0105022
FL-063-2101002	FL-079-1102004	FL-086-0198003	FL-101-0317043	FL-105-0143022	FL-113-0105023
FL-063-2102001	FL-079-1103011	FL-086-9805001	FL-101-0319011	FL-105-0143023	FL-113-0105042
FL-063-2103002	FL-079-1104001	FL-086-9807001	FL-101-0319021	FL-105-0144001	FL-113-0107024
FL-063-2103003	FL-079-1104002	FL-086-9809001	FL-101-0320051	FL-105-0144002	FL-113-0107053
FL-063-2103005	FL-079-1104003	FL-087-9702001	FL-101-0322003	FL-105-0145014	FL-113-0107071
FL-063-2105001	FL-081-0016012	FL-087-9702002	FL-101-0324023	FL-105-0146001	FL-113-0107072
FL-063-2107003	FL-081-0016013	FL-087-9800001	FL-101-0327001	FL-105-0147012	FL-113-0108021
FL-063-2108003	FL-081-0016021	FL-089-0501012	FL-101-0327002	FL-105-0147024	FL-113-0108083
FL-063-2109003	FL-081-0017032	FL-089-0502022	FL-101-0330052	FL-105-0148022	FL-113-0108091
FL-063-2110001	FL-081-0019121	FL-089-0503011	FL-101-0330141	FL-105-0148041	FL-113-0108093
FL-063-2110003	FL-081-0019131	FL-089-0503012	FL-101-0331011	FL-105-0148043	FL-113-0109001
FL-063-2111002	FL-081-0019141	FL-089-0503022	FL-101-0331012	FL-105-0149023	FL-115-0002001
FL-063-2111003	FL-081-0020102	FL-089-0503034	FL-101-0331022	FL-105-0150001	FL-115-0004012
FL-063-2111004	FL-081-0020133	FL-089-0504001	FL-103-0201062	FL-105-0150002	FL-115-0010001
FL-065-2501012	FL-081-0020141	FL-089-0504002	FL-103-0216001	FL-105-0150003	FL-115-0011014
FL-065-2501021	FL-081-0020142	FL-089-0505042	FL-103-0244133	FL-105-0151011	FL-115-0013022

FL-115-0014011	FL-131-9501023	GA-021-0134092	GA-051-0029002	GA-075-9602002	GA-099-0903002
FL-115-0014012	FL-131-9501024	GA-021-0134102	GA-051-0040024	GA-075-9602003	GA-099-0904001
FL-115-0021001	FL-131-9502001	GA-021-0134111	GA-051-0043001	GA-077-1701003	GA-099-0904002
FL-115-0022012	FL-131-9502002	GA-021-0134112	GA-051-0045001	GA-077-1703051	GA-099-0905001
FL-115-0022031	FL-131-9503021	GA-021-0135021	GA-051-0106013	GA-077-1705011	GA-101-8801001
FL-115-0022032	FL-131-9503023	GA-021-0136032	GA-051-0108022	GA-077-1705023	GA-101-8802001
FL-115-0023023	FL-131-9503024	GA-021-0136064	GA-051-0115001	GA-077-1705033	GA-101-8802002
FL-115-0025051	FL-131-9505011	GA-021-0137001	GA-051-0116002	GA-077-1706031	GA-105-0002002
FL-115-0025072	FL-131-9506011	GA-021-0138001	GA-053-0201001	GA-077-1708012	GA-105-0002003
FL-115-0025102	FL-133-9701021	GA-021-0138002	GA-053-0201002	GA-077-1708022	GA-105-0004001
FL-115-0027121	FL-133-9701031	GA-021-0139002	GA-055-0101001	GA-079-0702021	GA-105-0005001
FL-115-0027123	FL-133-9702001	GA-023-7902001	GA-055-0101002	GA-081-0101002	GA-105-0005003
FL-115-0027133	FL-133-9702002	GA-027-9602001	GA-055-0103002	GA-081-0103001	GA-107-9701004
FL-115-0027163	FL-133-9703031	GA-027-9603002	GA-055-0106001	GA-081-0103002	GA-107-9702001
FL-115-0027181	GA-001-9502001	GA-027-9603004	GA-057-0902001	GA-081-0104001	GA-107-9703001
FL-115-0027182	GA-001-9503002	GA-027-9606001	GA-057-0903001	GA-081-0105001	GA-109-9701001
FL-115-0027191	GA-001-9504001	GA-027-9606002	GA-057-0906013	GA-081-0105002	GA-109-9701002
FL-115-0027212	GA-001-9504002	GA-029-9203031	GA-057-0909023	GA-085-9701001	GA-109-9702003
FL-115-0027213	GA-001-9505002	GA-029-9203051	GA-059-1403001	GA-085-9701002	GA-109-9702004
FL-115-0027221	GA-007-9601001	GA-029-9203063	GA-061-9603001	GA-087-9702001	GA-109-9703002
FL-115-0027222	GA-007-9601002	GA-033-9501002	GA-061-9603003	GA-087-9703003	GA-109-9703004
FL-119-9101001	GA-007-9602001	GA-033-9502002	GA-063-0402021	GA-087-9704001	GA-111-0502005
FL-119-9103001	GA-007-9602002	GA-033-9504001	GA-063-0403031	GA-087-9707001	GA-113-1402032
FL-119-9103002	GA-013-1801081	GA-033-9505001	GA-063-0404072	GA-087-9707002	GA-113-1402061
FL-119-9104021	GA-013-1804011	GA-033-9507003	GA-063-0404102	GA-089-0218053	GA-113-1403063
FL-119-9105001	GA-015-9601011	GA-033-9509001	GA-063-0404122	GA-089-0218062	GA-115-0001002
FL-119-9106012	GA-015-9601021	GA-033-9509002	GA-063-0406081	GA-089-0219071	GA-115-0003001
FL-119-9106021	GA-015-9601023	GA-035-1501001	GA-063-0406113	GA-089-0226002	GA-115-0003002
FL-119-9106022	GA-015-9602001	GA-035-1501005	GA-063-9800001	GA-089-0231151	GA-115-0004001
FL-119-9107001	GA-015-9602002	GA-035-1502003	GA-065-9701001	GA-089-0233151	GA-115-0006002
FL-119-9107002	GA-015-9602003	GA-035-1502005	GA-065-9701002	GA-089-0234182	GA-115-0007001
FL-119-9113021	GA-015-9602005	GA-035-1503001	GA-065-9701005	GA-091-9603001	GA-115-0007002
FL-119-9115002	GA-015-9603001	GA-035-1503003	GA-065-9702001	GA-091-9603005	GA-115-0009001
FL-119-9117012	GA-015-9603002	GA-037-9501001	GA-065-9702002	GA-091-9605002	GA-115-0014001
FL-121-9701001	GA-015-9604012	GA-037-9501002	GA-067-0301032	GA-091-9606001	GA-115-0017011
FL-121-9705002	GA-015-9604021	GA-037-9502001	GA-067-0302291	GA-091-9606002	GA-115-0017013
FL-121-9705003	GA-015-9605001	GA-037-9502002	GA-067-0302292	GA-093-9701002	GA-115-0017021
FL-121-9706001	GA-015-9606005	GA-037-9502003	GA-067-0304142	GA-093-9701003	GA-115-0018001
FL-123-9502001	GA-015-9607001	GA-037-9502004	GA-067-0305061	GA-093-9702001	GA-115-0020001
FL-123-9502005	GA-015-9608011	GA-045-9101031	GA-067-0306022	GA-095-0001001	GA-115-0020002
FL-123-9503001	GA-015-9608031	GA-045-9102002	GA-067-0308003	GA-095-0011001	GA-115-0021002
FL-123-9504001	GA-015-9608032	GA-045-9103002	GA-067-0309022	GA-095-0104031	GA-117-1302012
FL-123-9504003	GA-015-9608033	GA-045-9103003	GA-067-0310012	GA-095-0109001	GA-117-1305042
FL-123-9504004	GA-015-9609011	GA-045-9104001	GA-067-0312051	GA-095-0110002	GA-117-1305062
FL-125-9601002	GA-015-9609012	GA-045-9105011	GA-067-0314082	GA-095-0112001	GA-117-1306072
FL-125-9602001	GA-015-9610001	GA-045-9105012	GA-069-0101001	GA-095-0113001	GA-117-1306093
FL-129-0101001	GA-015-9610003	GA-045-9106001	GA-069-0101003	GA-095-0116002	GA-119-8904002
FL-129-0101002	GA-015-9610004	GA-045-9107011	GA-069-0102001	GA-097-0801022	GA-119-8904003
FL-129-0101003	GA-017-9602001	GA-045-9107021	GA-069-0102002	GA-097-0801033	GA-121-0004002
FL-129-0101004	GA-019-9701001	GA-045-9108001	GA-069-0103001	GA-097-0802013	GA-121-0016001
FL-129-0102012	GA-019-9701002	GA-045-9108002	GA-069-0106001	GA-097-0803011	GA-121-0037001
FL-129-0102013	GA-019-9702001	GA-045-9112001	GA-071-9701002	GA-097-0804023	GA-121-0058001
FL-129-0102021	GA-019-9702002	GA-045-9112002	GA-071-9702001	GA-097-0804031	GA-121-0071001
FL-129-0102022	GA-019-9703001	GA-045-9112003	GA-071-9705001	GA-097-0804042	GA-121-0073002
FL-129-0102031	GA-019-9704001	GA-047-0305002	GA-071-9706003	GA-097-0804043	GA-121-0076022
FL-129-0102034	GA-021-0110004	GA-047-0307002	GA-071-9709002	GA-099-0901001	GA-121-0076033
FL-131-9501012	GA-021-0125002	GA-049-0101001	GA-073-0301021	GA-099-0901002	GA-121-0078051
FL-131-9501013	GA-021-0131011	GA-049-0101002	GA-073-0301023	GA-099-0902001	GA-121-0078052
FL-131-9501014	GA-021-0132012	GA-049-0101003	GA-073-0303091	GA-099-0902002	GA-121-0084001
FL-131-9501021	GA-021-0132014	GA-049-0102001	GA-073-0305061	GA-099-0902003	GA-121-0085001
FL-131-9501022	GA-021-0133024	GA-049-0102002	GA-073-0305063	GA-099-0903001	GA-121-0086021

GA-121-0087001	GA-137-0002011	GA-153-0206001	GA-175-9506001	GA-205-0904003	GA-231-0103002
GA-121-0088001	GA-137-0002012	GA-153-0206002	GA-175-9508003	GA-207-0501022	GA-233-0101001
GA-121-0092001	GA-137-0002021	GA-153-0207002	GA-175-9510003	GA-207-0502002	GA-233-0101002
GA-121-0103011	GA-137-0002022	GA-153-0211032	GA-177-0202001	GA-207-0502003	GA-233-0101004
GA-121-0103032	GA-137-0002023	GA-153-0211042	GA-177-0203002	GA-207-0503011	GA-233-0103001
GA-121-0103041	GA-137-0003003	GA-153-0211053	GA-177-0204021	GA-207-0503021	GA-233-0103002
GA-121-0004001	GA-137-0004001	GA-153-0215003	GA-179-0101012	GA-209-9501001	GA-233-0104001
GA-121-0104002	GA-137-0004003	GA-155-9501001	GA-179-0101021	GA-209-9501002	GA-233-0105001
GA-121-0104003	GA-137-0005001	GA-155-9501002	GA-179-0104001	GA-209-9502001	GA-233-0106003
GA-121-0105103	GA-137-0005003	GA-155-9502004	GA-179-0106001	GA-209-9502002	GA-233-0107001
GA-121-0105122	GA-137-0005004	GA-155-9502005	GA-183-9701002	GA-209-9502003	GA-235-9503001
GA-121-0105131	GA-137-0006011	GA-155-9502006	GA-183-9702002	GA-209-9503002	GA-237-9602011
GA-121-0105141	GA-137-0006012	GA-157-0106005	GA-183-9702003	GA-211-0101001	GA-237-9602024
GA-121-0105142	GA-137-0006013	GA-159-0101001	GA-185-0101024	GA-211-0102001	GA-237-9603002
GA-121-0106031	GA-137-0006022	GA-159-0102001	GA-185-0102012	GA-211-0102002	GA-237-9603003
GA-121-0110002	GA-137-0006023	GA-159-0105001	GA-185-0102023	GA-211-0103001	GA-239-9603001
GA-121-0111001	GA-139-0001011	GA-159-0105003	GA-185-0107002	GA-211-0103004	GA-239-9603002
GA-121-0111002	GA-139-0001012	GA-159-0105005	GA-185-0108003	GA-211-0104001	GA-241-9701001
GA-121-0116211	GA-139-0002012	GA-161-9601001	GA-185-0114021	GA-211-0105001	GA-241-9701002
GA-121-0120001	GA-139-0006002	GA-161-9601003	GA-185-0116002	GA-213-0101001	GA-241-9701003
GA-121-0123003	GA-139-0010041	GA-161-9603001	GA-187-9601012	GA-213-0101002	GA-241-9702012
GA-125-0101002	GA-139-0012013	GA-161-9603002	GA-187-9601021	GA-213-0106003	GA-241-9702013
GA-125-0101003	GA-139-0014041	GA-163-9601001	GA-187-9602013	GA-213-0107003	GA-241-9702021
GA-127-0004012	GA-139-0016031	GA-163-9601003	GA-189-9501001	GA-213-0107004	GA-241-9703011
GA-127-0005033	GA-141-4803001	GA-163-9601004	GA-189-9501002	GA-215-0034001	GA-241-9703012
GA-127-0008002	GA-141-4803002	GA-163-9601005	GA-189-9504002	GA-215-0101071	GA-241-9703013
GA-127-0010001	GA-141-4804001	GA-163-9603003	GA-189-9504003	GA-215-0101072	GA-241-9703021
GA-127-0010003	GA-141-4804002	GA-163-9603004	GA-189-9505003	GA-215-0102043	GA-243-7901001
GA-127-0010004	GA-141-4804004	GA-163-9603006	GA-189-9505004	GA-215-0103011	GA-243-7901002
GA-129-9701001	GA-143-0102002	GA-163-9604001	GA-193-0001002	GA-215-0107034	GA-243-7902001
GA-129-9701002	GA-143-0102004	GA-163-9604002	GA-193-0002001	GA-215-0108023	GA-243-7902002
GA-129-9701003	GA-143-0103023	GA-163-9604003	GA-193-0002002	GA-215-0115004	GA-243-7902003
GA-129-9702002	GA-143-0104001	GA-165-9601001	GA-193-0003001	GA-217-1001004	GA-243-7902004
GA-129-9702004	GA-143-0104003	GA-165-9601002	GA-193-0003002	GA-217-1002011	GA-243-7902005
GA-129-9703001	GA-145-1201981	GA-165-9601003	GA-193-0004001	GA-217-1002012	GA-245-0002002
GA-129-9703003	GA-145-1201982	GA-165-9601004	GA-193-0004002	GA-217-1002013	GA-245-0006003
GA-129-9706003	GA-145-1201984	GA-165-9602001	GA-195-0204001	GA-217-1002021	GA-245-0010004
GA-129-9707001	GA-145-1203001	GA-165-9602002	GA-197-9201001	GA-217-1002022	GA-245-0011001
GA-129-9707003	GA-145-1203002	GA-167-9601001	GA-197-9201002	GA-217-1006001	GA-245-0102043
GA-129-9708003	GA-145-1203003	GA-167-9602001	GA-197-9202001	GA-217-1008001	GA-245-0105111
GA-131-9501001	GA-145-1203005	GA-167-9602002	GA-197-9202002	GA-217-1009011	GA-245-0106001
GA-131-9501002	GA-145-1204012	GA-167-9602003	GA-197-9202003	GA-221-9601001	GA-245-0106004
GA-131-9502001	GA-145-1204022	GA-167-9602004	GA-199-9705001	GA-221-9602021	GA-245-0107061
GA-131-9505001	GA-147-9602003	GA-167-9603001	GA-199-9706001	GA-221-9602022	GA-245-0107062
GA-131-9505003	GA-147-9603002	GA-169-0301041	GA-199-9706002	GA-221-9602023	GA-245-0108001
GA-131-9506001	GA-147-9604001	GA-169-0301042	GA-199-9706003	GA-221-9603001	GA-245-0108002
GA-133-9501001	GA-149-9701001	GA-169-0302001	GA-199-9707002	GA-223-1201041	GA-245-0108003
GA-133-9502001	GA-149-9701002	GA-169-0302002	GA-199-9707003	GA-223-1203022	GA-245-0108004
GA-133-9504001	GA-149-9703001	GA-169-0303012	GA-199-9707005	GA-223-1203023	GA-245-0109031
GA-133-9505002	GA-151-0701071	GA-171-9701001	GA-199-9708001	GA-223-1204001	GA-245-0110002
GA-135-0502123	GA-151-0703043	GA-171-9701002	GA-199-9708002	GA-225-0401011	GA-247-0601021
GA-135-0503092	GA-151-0703071	GA-171-9702001	GA-199-9708003	GA-225-0401021	GA-247-0603043
GA-135-0503111	GA-151-0704021	GA-171-9702003	GA-199-9708004	GA-225-0401023	GA-247-0603061
GA-135-0505113	GA-151-0704022	GA-171-9703002	GA-199-9708005	GA-225-0404001	GA-249-9601002
GA-135-0506052	GA-151-0705012	GA-173-9501001	GA-201-9501001	GA-227-0502003	GA-249-9602001
GA-135-0506062	GA-151-0705021	GA-173-9501002	GA-201-9502001	GA-229-9603002	GA-253-2001001
GA-135-0506081	GA-151-0705022	GA-173-9502001	GA-205-0902001	GA-229-9604001	GA-253-2003003
GA-135-0506083	GA-153-0201061	GA-173-9502004	GA-205-0902003	GA-231-0101001	GA-255-1603002
GA-135-0506101	GA-153-0201082	GA-175-9501001	GA-205-0903001	GA-231-0101003	GA-255-1606001
GA-137-0001001	GA-153-0201083	GA-175-9501002	GA-205-0904001	GA-231-0102001	GA-255-1607002
GA-137-0001002	GA-153-0202004	GA-175-9505003	GA-205-0904002	GA-231-0103001	GA-255-1607003

GA-255-1609002	GA-279-9705002	GA-305-9706002	KY-019-0310025	KY-055-9302004	KY-097-9502002
GA-255-1612003	GA-279-9705003	GA-305-9706003	KY-019-0311002	KY-055-9303001	KY-097-9503002
GA-255-1612004	GA-279-9706002	GA-307-9601001	KY-019-0311005	KY-057-9501001	KY-097-9504001
GA-257-9701001	GA-279-9706003	GA-307-9602001	KY-019-0312002	KY-057-9501002	KY-097-9504002
GA-257-9701003	GA-285-9601001	GA-309-7801001	KY-019-0313001	KY-059-0013003	KY-097-9505001
GA-257-9704004	GA-285-9601004	GA-309-7802001	KY-021-9306001	KY-059-0015011	KY-097-9505004
GA-259-9501001	GA-285-9602021	GA-309-7802002	KY-021-9306002	KY-059-0015021	KY-099-9701001
GA-259-9501002	GA-285-9603003	GA-311-9501001	KY-025-9201001	KY-059-0017033	KY-099-9704004
GA-259-9504001	GA-285-9606001	GA-311-9501002	KY-029-0202021	KY-059-0018003	KY-101-0207012
GA-259-9504002	GA-285-9609021	GA-311-9502011	KY-029-0212002	KY-061-9202002	KY-101-0207022
GA-259-9504003	GA-285-9611001	GA-311-9502022	KY-031-9301001	KY-061-9203001	KY-101-0207024
GA-261-9501001	GA-285-9611002	GA-311-9502031	KY-031-9302001	KY-061-9801001	KY-101-0208004
GA-261-9503001	GA-287-9702001	GA-311-9502032	KY-031-9305001	KY-065-9201001	KY-101-0209002
GA-261-9504001	GA-287-9702002	GA-311-9503001	KY-031-9305002	KY-069-9203002	KY-101-0209003
GA-261-9504003	GA-287-9703001	GA-311-9503002	KY-033-9201001	KY-069-9204001	KY-101-0209004
GA-263-9601001	GA-287-9703002	GA-311-9503003	KY-033-9201002	KY-069-9204002	KY-103-0901002
GA-267-9501001	GA-287-9703003	GA-315-9601001	KY-033-9202001	KY-069-9204003	KY-103-0902001
GA-267-9501002	GA-287-9703004	GA-315-9601002	KY-033-9203001	KY-069-9204004	KY-103-0902002
GA-267-9502011	GA-289-0601002	GA-315-9602001	KY-033-9203003	KY-071-9205001	KY-103-0903011
GA-267-9502012	GA-289-0601004	GA-315-9603001	KY-033-9203005	KY-071-9206002	KY-103-0904001
GA-267-9502021	GA-289-0602001	GA-315-9604001	KY-035-0101001	KY-071-9206003	KY-103-0904002
GA-267-9502022	GA-289-0602004	GA-319-9602003	KY-035-0101003	KY-071-9207001	KY-107-9701001
GA-267-9503001	GA-291-0002011	GA-319-9603004	KY-035-0103021	KY-071-9207002	KY-107-9702001
GA-267-9504002	GA-293-0101001	GA-319-9604001	KY-041-9501001	KY-071-9208002	KY-107-9702002
GA-267-9504004	GA-293-0103001	GA-319-9604002	KY-041-9501002	KY-071-9208006	KY-107-9707002
GA-269-9503004	GA-293-0106001	GA-321-9501002	KY-041-9501003	KY-071-9209001	KY-107-9709001
GA-271-9502001	GA-295-0203013	GA-321-9502001	KY-041-9502005	KY-071-9209002	KY-107-9709003
GA-271-9502002	GA-295-0207006	GA-321-9502002	KY-041-9503001	KY-073-0708003	KY-107-9711001
GA-271-9505001	GA-295-0209012	GA-321-9504001	KY-041-9503002	KY-077-9601013	KY-107-9713001
GA-271-9505002	GA-295-0209021	GA-321-9504002	KY-043-9603003	KY-079-9704001	KY-107-9713002
GA-271-9505003	GA-297-1102002	GA-321-9504003	KY-043-9604001	KY-083-0203005	KY-107-9713003
GA-273-1202001	GA-297-1106021	GA-321-9504004	KY-043-9604002	KY-083-0207003	KY-107-9713005
GA-273-1202002	GA-297-1108004	GA-321-9505002	KY-043-9607001	KY-085-9501001	KY-111-0116041
GA-273-1203001	GA-299-9501001	GA-321-9506001	KY-043-9607002	KY-085-9503002	KY-113-0605041
GA-273-1204001	GA-299-9502002	KY-001-9701001	KY-043-9607003	KY-085-9506001	KY-117-0637023
GA-273-1205001	GA-299-9502004	KY-001-9704011	KY-045-9501001	KY-085-9506003	KY-121-9304001
GA-275-9602001	GA-299-9508002	KY-001-9704013	KY-045-9502001	KY-085-9507001	KY-123-9601011
GA-275-9602002	GA-299-9508004	KY-005-9502011	KY-047-2003004	KY-085-9507002	KY-123-9601022
GA-275-9605001	GA-299-9508006	KY-005-9504002	KY-047-2009002	KY-087-9301001	KY-123-9602001
GA-275-9605002	GA-299-9509003	KY-009-9502003	KY-047-2010002	KY-087-9302001	KY-125-9701002
GA-275-9605003	GA-301-9704001	KY-009-9506005	KY-047-2011002	KY-087-9302002	KY-125-9702003
GA-275-9606005	GA-301-9704003	KY-011-9701001	KY-047-2011003	KY-087-9302003	KY-125-9703001
GA-275-9607001	GA-301-9705001	KY-011-9701002	KY-047-2012001	KY-087-9304001	KY-125-9711011
GA-275-9608001	GA-301-9705002	KY-011-9702001	KY-047-2012002	KY-087-9304002	KY-125-9711021
GA-275-9610003	GA-301-9705003	KY-011-9702002	KY-047-2013011	KY-089-0404001	KY-133-9501001
GA-275-9611002	GA-303-9501001	KY-011-9702004	KY-047-2013012	KY-089-0404002	KY-133-9501002
GA-275-9611003	GA-303-9501002	KY-011-9703002	KY-047-2013021	KY-089-0405023	KY-133-9501004
GA-277-9601001	GA-303-9503001	KY-013-9602003	KY-047-2014001	KY-089-0405024	KY-133-9502005
GA-277-9601002	GA-303-9504001	KY-013-9602004	KY-047-2014002	KY-089-0407002	KY-133-9503001
GA-277-9602001	GA-303-9505003	KY-013-9603002	KY-047-2015031	KY-089-0407003	KY-133-9505001
GA-277-9603003	GA-303-9507001	KY-013-9604002	KY-049-0203001	KY-091-9601001	KY-133-9505002
GA-277-9605001	GA-305-9701001	KY-013-9605001	KY-049-0204001	KY-091-9601002	KY-135-9302001
GA-277-9606001	GA-305-9701003	KY-013-9605002	KY-049-0205001	KY-091-9603001	KY-135-9303001
GA-277-9607002	GA-305-9701004	KY-013-9606001	KY-049-0205002	KY-091-9603002	KY-135-9303002
GA-279-9702001	GA-305-9703001	KY-013-9611001	KY-051-9501001	KY-093-0002023	KY-135-9304002
GA-279-9702004	GA-305-9703002	KY-013-9611002	KY-051-9502001	KY-095-9703002	KY-137-9201022
GA-279-9702005	GA-305-9704001	KY-013-9611003	KY-051-9504001	KY-095-9707001	KY-137-9201031
GA-279-9703001	GA-305-9704002	KY-017-0303001	KY-051-9506001	KY-095-9710001	KY-137-9202001
GA-279-9703003	GA-305-9704003	KY-017-0304001	KY-055-9301001	KY-095-9713004	KY-137-9203004
GA-279-9703005	GA-305-9705001	KY-017-0305002	KY-055-9301002	KY-097-9501002	KY-137-9204003
GA-279-9704004	GA-305-9706001	KY-017-0306001	KY-055-9302001	KY-097-9502001	KY-139-0401004

KY-139-0402003	KY-177-9603001	KY-199-9309001	LA-003-9501003	LA-019-0014004	LA-039-9502002
KY-141-9602004	KY-177-9603002	KY-199-9310002	LA-003-9504002	LA-019-0017001	LA-039-9503002
KY-141-9606001	KY-177-9603003	KY-201-9701001	LA-003-9504004	LA-019-0017004	LA-039-9503005
KY-141-9606002	KY-177-9604001	KY-201-9701002	LA-003-9505003	LA-019-0020001	LA-039-9504004
KY-141-9606003	KY-177-9604002	KY-203-9503001	LA-003-9505004	LA-019-0020002	LA-039-9507002
KY-143-9601001	KY-177-9605001	KY-203-9504001	LA-005-0303001	LA-019-0020003	LA-039-9508003
KY-143-9602001	KY-177-9606003	KY-203-9504003	LA-005-0310001	LA-019-0020004	LA-041-9501001
KY-145-0301001	KY-177-9607001	KY-205-9503004	LA-007-0501001	LA-019-0023001	LA-041-9502001
KY-145-0302001	KY-177-9609001	KY-209-0403012	LA-007-0504002	LA-019-0024001	LA-041-9504001
KY-145-0307004	KY-177-9609002	KY-209-0403021	LA-007-0505001	LA-019-0027001	LA-041-9504002
KY-145-0310004	KY-179-9302002	KY-209-0405021	LA-007-0505002	LA-019-0027002	LA-041-9504003
KY-145-0311002	KY-179-9303031	KY-209-0406013	LA-009-0301001	LA-019-0036001	LA-041-9505001
KY-145-0312002	KY-179-9306001	KY-211-0402002	LA-009-0301002	LA-019-0036003	LA-041-9505002
KY-145-0313012	KY-181-9601001	KY-211-0404013	LA-009-0302001	LA-021-0001001	LA-041-9506001
KY-145-0313022	KY-181-9601002	KY-211-0405012	LA-009-0302002	LA-021-0001002	LA-041-9506002
KY-145-0314003	KY-181-9602004	KY-213-9702003	LA-009-0303001	LA-021-0002001	LA-043-0201001
KY-149-9701003	KY-183-9201001	KY-213-9703004	LA-009-0307001	LA-021-0002002	LA-043-0201002
KY-149-9702001	KY-183-9201003	KY-213-9704004	LA-009-0309002	LA-021-0003001	LA-043-0201003
KY-149-9702002	KY-183-9203002	KY-215-0801011	LA-011-9601003	LA-021-0003002	LA-043-0202002
KY-149-9705001	KY-183-9204001	KY-215-0802002	LA-011-9601004	LA-023-9701002	LA-043-0202003
KY-149-9705002	KY-183-9204002	KY-217-9201001	LA-011-9602001	LA-025-0001001	LA-043-0203001
KY-149-9705003	KY-183-9205001	KY-217-9205005	LA-011-9606001	LA-025-0001002	LA-043-0204015
KY-151-0102001	KY-183-9207001	KY-219-9501002	LA-011-9606002	LA-025-0001003	LA-045-0301001
KY-151-0108001	KY-185-0301002	KY-219-9502002	LA-011-9606003	LA-025-0001004	LA-045-0302001
KY-151-0108002	KY-185-0307011	KY-219-9502004	LA-011-9607001	LA-025-0003001	LA-045-0302002
KY-151-0108003	KY-187-9701001	KY-219-9503002	LA-011-9607002	LA-025-0003002	LA-045-0302004
KY-151-0110002	KY-187-9701002	KY-219-9504001	LA-013-9702001	LA-027-9501001	LA-045-0303011
KY-155-9704001	KY-187-9701003	KY-221-9701001	LA-013-9702002	LA-027-9501002	LA-045-0303023
KY-155-9705001	KY-187-9702001	KY-221-9701002	LA-013-9703002	LA-027-9502001	LA-045-0304001
KY-155-9705002	KY-187-9702002	KY-221-9702004	LA-013-9704001	LA-027-9502002	LA-045-0305004
KY-155-9707003	KY-187-9703001	KY-221-9703003	LA-013-9704003	LA-027-9502003	LA-045-0312001
KY-155-9708001	KY-187-9703002	KY-223-1002001	LA-013-9705001	LA-027-9503001	LA-047-9529001
KY-155-9708002	KY-193-9709001	KY-223-1002003	LA-013-9705002	LA-027-9505001	LA-047-9529004
KY-157-9501001	KY-195-9301002	KY-225-9501001	LA-013-9705003	LA-027-9505002	LA-047-9530002
KY-157-9501002	KY-195-9301003	KY-225-9501002	LA-013-9705004	LA-027-9505003	LA-047-9530003
KY-157-9502001	KY-195-9302002	KY-225-9502011	LA-015-0110021	LA-029-0001001	LA-049-9701001
KY-157-9503001	KY-195-9302003	KY-225-9502012	LA-015-0110023	LA-029-0001003	LA-049-9701002
KY-157-9505001	KY-195-9305001	KY-225-9502021	LA-015-0111031	LA-029-0004001	LA-049-9702001
KY-157-9505002	KY-195-9306001	KY-227-0115003	LA-015-0112001	LA-029-0004004	LA-049-9702002
KY-159-9502002	KY-195-9306002	KY-227-0117001	LA-015-0112002	LA-029-0005001	LA-049-9703002
KY-159-9502005	KY-195-9306003	KY-227-0117005	LA-015-0112005	LA-029-0005002	LA-053-0001001
KY-159-9503001	KY-195-9307002	KY-227-0118001	LA-017-0213001	LA-029-0005003	LA-053-0002001
KY-161-9601002	KY-195-9308001	KY-227-0118002	LA-017-0229002	LA-031-9501001	LA-053-0002002
KY-161-9601003	KY-195-9308002	KY-227-0118003	LA-017-0233001	LA-031-9503001	LA-053-0002003
KY-161-9602001	KY-195-9308003	KY-227-0118004	LA-017-0234006	LA-031-9503002	LA-055-0002001
KY-161-9603004	KY-195-9309002	KY-227-0118005	LA-017-0237003	LA-031-9504002	LA-055-0007001
KY-161-9604002	KY-195-9311003	KY-227-0119001	LA-017-0239011	LA-031-9505001	LA-055-0007002
KY-161-9605001	KY-195-9311004	KY-229-9302001	LA-017-0241064	LA-031-9507002	LA-055-0010011
KY-167-9601001	KY-195-9312002	KY-229-9302004	LA-017-0242033	LA-031-9507003	LA-055-0010012
KY-167-9601002	KY-195-9312003	KY-229-9303002	LA-017-0243032	LA-035-0001001	LA-055-0013004
KY-167-9603001	KY-195-9313001	KY-231-9207001	LA-017-0243042	LA-035-0002001	LA-055-0014021
KY-167-9604001	KY-195-9313002	KY-233-9601001	LA-017-0245041	LA-035-0002002	LA-055-0014091
KY-167-9604003	KY-195-9315001	KY-233-9601004	LA-017-0246024	LA-037-9513002	LA-055-0014101
KY-167-9605001	KY-195-9315004	KY-233-9603001	LA-017-0246025	LA-037-9514001	LA-055-0014102
KY-169-9602003	KY-195-9315005	KY-233-9603002	LA-017-0248001	LA-037-9514003	LA-055-0014103
KY-171-9304002	KY-195-9317003	KY-233-9604001	LA-017-0249001	LA-037-9515011	LA-055-0014112
KY-171-9304003	KY-195-9318002	KY-235-9203004	LA-017-0249002	LA-037-9515025	LA-055-0019014
KY-173-9204002	KY-195-9319002	KY-235-9204001	LA-017-0249003	LA-037-9516002	LA-055-0019051
KY-173-9205001	KY-197-9701006	KY-235-9206005	LA-017-0251001	LA-039-9501001	LA-055-0020023
KY-177-9601001	KY-199-9303003	KY-235-9207002	LA-017-0251003	LA-039-9501002	LA-055-0020024
KY-177-9602005	KY-199-9303004	KY-235-9207004	LA-017-0253002	LA-039-9501004	LA-055-9800001

LA-057-0210001	LA-073-0105044	LA-089-0632001	LA-103-0412043	LA-119-0314002	ME-003-9517003
LA-057-0210003	LA-073-0106031	LA-089-0632002	LA-103-0413002	LA-119-0314003	ME-003-9517005
LA-057-0216012	LA-073-0106032	LA-091-9511001	LA-105-9533001	LA-119-0315001	ME-003-9519001
LA-057-0219012	LA-073-0106042	LA-091-9511002	LA-105-9533002	LA-119-0315002	ME-003-9520002
LA-057-0219022	LA-073-0108002	LA-091-9511003	LA-105-9534001	LA-119-0316001	ME-003-9521001
LA-059-9701001	LA-073-0110001	LA-091-9511004	LA-105-9535005	LA-119-0321002	ME-003-9521003
LA-059-9701002	LA-073-0111001	LA-091-9512002	LA-105-9537001	LA-119-0321004	ME-003-9523001
LA-059-9701003	LA-073-9800001	LA-091-9512005	LA-105-9537002	LA-121-0201002	ME-003-9523004
LA-059-9703002	LA-075-0501001	LA-093-0401002	LA-105-9537004	LA-121-0202002	ME-003-9525001
LA-059-9703003	LA-075-0501002	LA-093-0404001	LA-105-9539003	LA-121-0203001	ME-003-9526001
LA-059-9703004	LA-075-0502002	LA-093-0404003	LA-105-9540012	LA-121-0203002	ME-003-9526002
LA-059-9703005	LA-075-0503003	LA-093-0405001	LA-105-9547002	LA-121-0203004	ME-003-9526003
LA-061-9602002	LA-075-0504001	LA-093-0405002	LA-107-0001001	LA-121-0204011	ME-003-9527001
LA-061-9603003	LA-075-0506001	LA-095-0710001	LA-107-0001002	LA-121-0204012	ME-003-9527002
LA-061-9607001	LA-075-0508001	LA-097-9601001	LA-107-0002001	LA-121-0204021	ME-003-9527003
LA-061-9607003	LA-077-9519003	LA-097-9601003	LA-107-0002002	LA-121-0204022	ME-003-9529001
LA-061-9610002	LA-077-9520001	LA-097-9602001	LA-107-0003001	LA-123-0001001	ME-003-9529002
LA-061-9610003	LA-077-9521001	LA-097-9606003	LA-107-0003002	LA-123-0001002	ME-003-9529003
LA-063-0401001	LA-077-9521002	LA-097-9607004	LA-109-0013001	LA-123-0002001	ME-003-9529004
LA-063-0402012	LA-079-0101003	LA-097-9608001	LA-109-0013003	LA-123-0003001	ME-005-0140003
LA-063-0402013	LA-079-0105002	LA-097-9612001	LA-109-0014002	LA-123-0003002	ME-007-9701021
LA-063-0402021	LA-079-0106001	LA-099-0201001	LA-109-0017001	LA-123-0003003	ME-007-9706011
LA-063-0403014	LA-079-0107003	LA-099-0201002	LA-109-0017003	LA-125-9517011	ME-007-9706012
LA-063-0403031	LA-079-0134001	LA-099-0204001	LA-111-9601001	LA-125-9517012	ME-007-9706021
LA-063-0408043	LA-079-0134002	LA-099-0204003	LA-111-9601002	LA-125-9517021	ME-007-9711002
LA-063-0408061	LA-079-0135002	LA-099-0204004	LA-111-9601003	LA-125-9518004	ME-009-9651001
LA-063-0409012	LA-079-0136001	LA-099-0205011	LA-111-9602001	LA-127-9601001	ME-009-9651002
LA-065-9601001	LA-079-0136002	LA-099-0205013	LA-111-9602002	LA-127-9601002	ME-009-9652002
LA-065-9602001	LA-079-0137001	LA-099-0206001	LA-111-9602003	LA-127-9601003	ME-009-9654001
LA-065-9602002	LA-081-9601002	LA-099-0208001	LA-111-9602004	LA-127-9601004	ME-009-9657001
LA-065-9605001	LA-081-9601003	LA-099-0208002	LA-111-9603001	LA-127-9602001	ME-009-9657002
LA-067-9501002	LA-081-9601005	LA-099-0209002	LA-111-9604003	LA-127-9602002	ME-009-9658001
LA-067-9502003	LA-081-9603001	LA-101-0408002	LA-111-9605001	LA-127-9602003	ME-009-9658002
LA-067-9503002	LA-083-9702001	LA-101-0409001	LA-111-9605002	LA-127-9602004	ME-009-9660002
LA-067-9506001	LA-083-9702002	LA-101-0409002	LA-113-9501001	LA-127-9602005	ME-009-9663001
LA-067-9506002	LA-083-9703002	LA-101-0410001	LA-113-9502001	ME-001-0460003	ME-009-9663002
LA-067-9507002	LA-083-9703003	LA-101-0410002	LA-113-9502003	ME-003-9501001	ME-009-9663003
LA-069-0001001	LA-083-9704001	LA-101-0410003	LA-113-9505003	ME-003-9501002	ME-009-9666001
LA-069-0001003	LA-083-9704002	LA-101-0412003	LA-113-9506001	ME-003-9501003	ME-009-9666002
LA-069-0002002	LA-083-9706003	LA-101-0413001	LA-113-9507004	ME-003-9501004	ME-009-9667001
LA-069-0003004	LA-085-0001002	LA-103-0401021	LA-113-9509011	ME-003-9502001	ME-009-9667003
LA-069-0008001	LA-085-0004001	LA-103-0401022	LA-113-9509022	ME-003-9502004	ME-009-9667004
LA-069-0008004	LA-085-0004002	LA-103-0401023	LA-113-9510012	ME-003-9503005	ME-011-0106001
LA-069-0009001	LA-085-0004003	LA-103-0401025	LA-113-9510013	ME-003-9504001	ME-011-0120001
LA-069-0009002	LA-085-0006002	LA-103-0401026	LA-113-9510023	ME-003-9504002	ME-011-0155002
LA-069-0009003	LA-085-0007002	LA-103-0401032	LA-113-9510024	ME-003-9506002	ME-011-0190002
LA-073-0006002	LA-087-0301031	LA-103-0401041	LA-115-9501001	ME-003-9506003	ME-011-0200003
LA-073-0052033	LA-087-0301033	LA-103-0401042	LA-115-9501004	ME-003-9507001	ME-013-9711001
LA-073-0053013	LA-087-0301052	LA-103-0402012	LA-115-9502001	ME-003-9507002	ME-013-9711002
LA-073-0101013	LA-087-0302045	LA-103-0402021	LA-115-9502004	ME-003-9507003	ME-013-9711003
LA-073-0101021	LA-087-0302092	LA-103-0402022	LA-115-9503002	ME-003-9507004	ME-013-9711004
LA-073-0102021	LA-087-0304002	LA-103-0403051	LA-115-9503003	ME-003-9507005	ME-015-9751001
LA-073-0102023	LA-089-0601001	LA-103-0404002	LA-115-9506001	ME-003-9509001	ME-015-9752001
LA-073-0103012	LA-089-0621002	LA-103-0406011	LA-115-9508001	ME-003-9509002	ME-015-9753001
LA-073-0103021	LA-089-0624002	LA-103-0407011	LA-115-9508004	ME-003-9510001	ME-015-9755005
LA-073-0104001	LA-089-0627001	LA-103-0407012	LA-115-9508005	ME-003-9510004	ME-015-9762003
LA-073-0104002	LA-089-0627002	LA-103-0407041	LA-117-9501012	ME-003-9511001	ME-017-9651001
LA-073-0104004	LA-089-0627003	LA-103-0407082	LA-117-9501022	ME-003-9511002	ME-017-9654001
LA-073-0105021	LA-089-0628003	LA-103-0408035	LA-119-0311001	ME-003-9511003	ME-017-9659003
LA-073-0105022	LA-089-0630001	LA-103-0411025	LA-119-0311002	ME-003-9514002	ME-017-9660001
LA-073-0105031	LA-089-0631002	LA-103-0412021	LA-119-0314001	ME-003-9517001	ME-017-9666002

ME-017-9668002	ME-029-9565001	MS-011-9504004	MS-029-9506002	MS-047-0034044	MS-063-9501002
ME-019-0080011	ME-029-9565002	MS-011-9505001	MS-031-9501001	MS-047-0035011	MS-063-9501003
ME-019-0080012	ME-031-0225002	MS-011-9505002	MS-031-9504001	MS-047-0035013	MS-063-9501004
ME-019-0205002	ME-031-0225003	MS-011-9505003	MS-031-9504004	MS-047-0035014	MS-065-9501001
ME-019-0215002	ME-031-0230001	MS-011-9506002	MS-033-0701011	MS-047-0035022	MS-065-9501002
ME-019-0245001	ME-031-0235001	MS-011-9506005	MS-033-0701012	MS-047-0035023	MS-065-9502021
ME-019-0245002	ME-031-0235003	MS-011-9507011	MS-033-0703101	MS-047-0035051	MS-067-9501001
ME-019-0255002	ME-031-0290001	MS-011-9507021	MS-033-0706301	MS-047-0036002	MS-067-9501003
ME-019-0265002	ME-031-0301003	MS-013-9501001	MS-033-0706302	MS-047-0038001	MS-067-9502002
ME-019-0270001	ME-031-0310003	MS-015-9501001	MS-033-0707211	MS-047-0038002	MS-067-9503011
ME-019-0270003	ME-031-0380014	MS-015-9501002	MS-033-0709002	MS-047-0039002	MS-067-9503021
ME-019-0285001	MS-001-0001001	MS-015-9501003	MS-035-0101011	MS-049-0008001	MS-067-9507001
ME-019-0290001	MS-001-0001003	MS-015-9501004	MS-035-0101012	MS-049-0030003	MS-067-9509002
ME-021-9603011	MS-001-0001004	MS-015-9502001	MS-035-0102003	MS-049-0102024	MS-067-9509003
ME-021-9603013	MS-001-0002001	MS-015-9502002	MS-035-0105001	MS-049-0102031	MS-067-9509004
ME-021-9603021	MS-001-0002002	MS-015-9502003	MS-035-0105002	MS-049-0103041	MS-067-9509005
ME-021-9604001	MS-001-0004001	MS-015-9502005	MS-035-0106001	MS-049-0105001	MS-067-9511002
ME-021-9604002	MS-001-0004003	MS-017-9501001	MS-035-0106002	MS-049-0105002	MS-067-9511003
ME-021-9605002	MS-001-0005002	MS-017-9501003	MS-035-0106003	MS-049-0105003	MS-067-9511004
ME-021-9608001	MS-001-0005005	MS-017-9501004	MS-035-0106004	MS-049-0105004	MS-069-0301001
ME-021-9608002	MS-001-0007001	MS-017-9502002	MS-037-9501002	MS-049-0106001	MS-069-0301003
ME-021-9608003	MS-001-0008004	MS-017-9503001	MS-037-9501003	MS-049-0106002	MS-069-0301004
ME-021-9608004	MS-001-0009001	MS-017-9504001	MS-037-9502001	MS-049-0107002	MS-069-0302001
ME-023-9701002	MS-003-9503001	MS-017-9504002	MS-037-9502003	MS-049-0108091	MS-069-0302002
ME-023-9703022	MS-003-9504003	MS-017-9504003	MS-039-9501011	MS-049-0109012	MS-069-0302004
ME-023-9704003	MS-003-9505004	MS-017-9504004	MS-039-9501022	MS-049-0111031	MS-069-0302005
ME-023-9706002	MS-003-9506001	MS-017-9504005	MS-039-9503011	MS-049-0112012	MS-071-9501001
ME-023-9707002	MS-003-9506002	MS-019-9501001	MS-039-9503012	MS-049-0112024	MS-071-9503012
ME-025-9653011	MS-003-9507003	MS-019-9501002	MS-039-9503014	MS-049-0113001	MS-071-9504012
ME-025-9653021	MS-005-9501001	MS-019-9502004	MS-039-9503022	MS-051-9501001	MS-071-9504013
ME-025-9653022	MS-005-9501003	MS-021-9501001	MS-041-9502003	MS-051-9501002	MS-071-9504023
ME-025-9653023	MS-005-9502001	MS-021-9503002	MS-043-9501001	MS-051-9501003	MS-071-9505012
ME-025-9653024	MS-005-9503002	MS-023-9501002	MS-043-9501002	MS-051-9502001	MS-071-9505013
ME-025-9661002	MS-005-9503003	MS-023-9501003	MS-043-9501003	MS-051-9502003	MS-071-9505014
ME-025-9662002	MS-005-9503004	MS-023-9502001	MS-043-9502001	MS-051-9503002	MS-071-9505015
ME-025-9663001	MS-007-0601001	MS-023-9502002	MS-043-9502002	MS-051-9503003	MS-071-9505031
ME-027-0420003	MS-007-0601002	MS-023-9502003	MS-043-9502003	MS-051-9504001	MS-073-0202023
ME-027-0420005	MS-007-0602001	MS-023-9503004	MS-043-9504001	MS-051-9504003	MS-073-0203022
ME-027-0430002	MS-007-0602002	MS-025-9501001	MS-043-9505001	MS-051-9505003	MS-073-0206001
ME-027-0450004	MS-007-0603001	MS-025-9501004	MS-045-0302004	MS-053-9501001	MS-075-0007004
ME-027-0450005	MS-007-0603002	MS-025-9502001	MS-045-0303002	MS-053-9502001	MS-075-0102011
ME-027-0460011	MS-007-0603003	MS-025-9502002	MS-045-0303003	MS-053-9502002	MS-075-0102013
ME-029-9551001	MS-007-0604001	MS-025-9505002	MS-045-0303005	MS-053-9502003	MS-075-0102014
ME-029-9551002	MS-007-0604002	MS-025-9505003	MS-045-0303006	MS-055-9501001	MS-075-0102021
ME-029-9551003	MS-007-0604003	MS-027-9501001	MS-045-0303008	MS-055-9501002	MS-075-0102022
ME-029-9553002	MS-007-0605003	MS-027-9501003	MS-045-0304002	MS-057-9501001	MS-075-0104001
ME-029-9554001	MS-009-9501001	MS-027-9501004	MS-045-0304003	MS-059-0401014	MS-075-0105002
ME-029-9555003	MS-009-9501003	MS-027-9502001	MS-045-0305002	MS-059-0401021	MS-075-0105003
ME-029-9556001	MS-009-9501005	MS-027-9502002	MS-045-0305003	MS-059-0402013	MS-075-0106001
ME-029-9558002	MS-009-9502001	MS-027-9503001	MS-045-0306021	MS-059-0402014	MS-075-0106002
ME-029-9558003	MS-009-9502002	MS-027-9503002	MS-045-0306023	MS-059-0404002	MS-075-0106004
ME-029-9558004	MS-011-9501001	MS-027-9503003	MS-047-0009001	MS-059-0405001	MS-075-0106005
ME-029-9559001	MS-011-9501002	MS-027-9504001	MS-047-0009002	MS-059-0407004	MS-075-9800001
ME-029-9559002	MS-011-9501003	MS-027-9504002	MS-047-0014001	MS-059-0413005	MS-077-9601002
ME-029-9559003	MS-011-9502001	MS-027-9505001	MS-047-0023001	MS-059-0417001	MS-077-9601003
ME-029-9561002	MS-011-9502002	MS-027-9505004	MS-047-0025001	MS-059-0419001	MS-077-9602001
ME-029-9563001	MS-011-9503001	MS-029-9503002	MS-047-0030002	MS-061-9503004	MS-079-0401001
ME-029-9563002	MS-011-9503004	MS-029-9503003	MS-047-0031021	MS-061-9504001	MS-079-0401002
ME-029-9564001	MS-011-9504001	MS-029-9505001	MS-047-0031023	MS-061-9504002	MS-079-0406001
ME-029-9564002	MS-011-9504002	MS-029-9505003	MS-047-0033012	MS-061-9504004	MS-079-0406002
ME-029-9564003	MS-011-9504003	MS-029-9506001	MS-047-0034043	MS-063-9501001	MS-079-0407001

MS-079-0407002	MS-093-9502002	MS-105-9504004	MS-121-0209003	MS-139-9504002	MS-155-9502002
MS-081-9501012	MS-093-9502003	MS-105-9505003	MS-121-0210021	MS-139-9504004	MS-155-9502003
MS-081-9501013	MS-093-9503003	MS-105-9506011	MS-121-0210031	MS-141-9501001	MS-157-9501002
MS-081-9501022	MS-093-9504012	MS-105-9507002	MS-121-9800001	MS-141-9501002	MS-157-9502002
MS-081-9501023	MS-093-9504021	MS-105-9507003	MS-123-0201003	MS-141-9502001	MS-157-9502003
MS-081-9502012	MS-093-9504022	MS-105-9507004	MS-123-0202003	MS-141-9502002	MS-159-9501001
MS-081-9502014	MS-093-9504023	MS-107-9501002	MS-123-0202004	MS-141-9503001	MS-159-9501002
MS-081-9502022	MS-093-9505001	MS-107-9501003	MS-123-0203002	MS-141-9503002	MS-159-9502002
MS-081-9503023	MS-093-9505002	MS-107-9502001	MS-123-0203003	MS-141-9503003	MS-159-9502004
MS-081-9504022	MS-093-9505003	MS-107-9503001	MS-123-0204002	MS-141-9503004	MS-159-9504001
MS-081-9507002	MS-093-9505004	MS-107-9503003	MS-123-0204003	MS-141-9503005	MS-159-9504004
MS-081-9509012	MS-093-9505005	MS-107-9504001	MS-123-0205004	MS-141-9504001	MS-159-9505001
MS-081-9510012	MS-095-9501001	MS-107-9505001	MS-123-0206002	MS-141-9504002	MS-159-9505002
MS-081-9511002	MS-095-9502001	MS-107-9505003	MS-125-9501001	MS-141-9504003	MS-161-9501002
MS-081-9511003	MS-095-9502003	MS-107-9505004	MS-125-9501003	MS-141-9504004	MS-161-9501003
MS-081-9511004	MS-095-9502005	MS-107-9506001	MS-125-9501004	MS-141-9504005	MS-161-9502001
MS-083-9501001	MS-095-9503001	MS-111-9501011	MS-127-9501001	MS-141-9504006	MS-161-9502002
MS-083-9501002	MS-095-9503003	MS-111-9501013	MS-127-9503002	MS-145-9501001	MS-161-9502003
MS-083-9502001	MS-095-9504001	MS-111-9501014	MS-127-9504001	MS-145-9501002	MS-161-9502004
MS-083-9503001	MS-095-9504003	MS-111-9501021	MS-129-9503002	MS-145-9502001	MS-161-9503001
MS-083-9503002	MS-095-9505011	MS-111-9501023	MS-131-0201002	MS-145-9502003	MS-161-9503003
MS-083-9503004	MS-095-9505012	MS-111-9502002	MS-131-0201003	MS-145-9503001	MS-161-9503004
MS-083-9504001	MS-095-9506002	MS-113-9501011	MS-131-0202011	MS-145-9503002	MS-163-9501001
MS-083-9504003	MS-095-9506003	MS-113-9501022	MS-131-0202012	MS-145-9503003	MS-163-9501004
MS-085-9501003	MS-095-9508002	MS-113-9502001	MS-131-0202021	MS-145-9504001	MS-163-9502001
MS-085-9502002	MS-095-9508004	MS-113-9502003	MS-131-0202022	MS-145-9505003	MS-163-9502002
MS-085-9503001	MS-097-9501001	MS-113-9504001	MS-131-0202023	MS-145-9506001	MS-163-9504001
MS-085-9503004	MS-097-9501002	MS-113-9504002	MS-133-9501001	MS-147-9501001	MS-163-9504002
MS-085-9504003	MS-097-9502001	MS-113-9505001	MS-133-9501004	MS-147-9503003	MS-163-9505001
MS-085-9504004	MS-097-9502002	MS-113-9505002	MS-133-9501005	MS-149-9501001	MS-163-9505003
MS-085-9506003	MS-097-9502003	MS-113-9505004	MS-133-9502001	MS-149-9501002	MS-163-9506001
MS-085-9506004	MS-097-9503002	MS-113-9506002	MS-133-9502004	MS-149-9501004	MS-163-9506002
MS-085-9506005	MS-099-0102001	MS-113-9507003	MS-133-9503002	MS-149-9502001	MS-163-9506003
MS-087-0001011	MS-099-0102003	MS-115-9501013	MS-133-9503003	MS-149-9502002	MS-163-9506005
MS-087-0001012	MS-099-0105001	MS-115-9501022	MS-133-9505001	MS-149-9504004	OR-005-0216021
MS-087-0001013	MS-099-0106001	MS-115-9502003	MS-133-9506001	MS-149-9506002	OR-005-0221081
MS-087-0001022	MS-099-0106002	MS-115-9503001	MS-133-9506002	MS-149-9506003	OR-005-0222081
MS-087-0002001	MS-099-0106003	MS-115-9505003	MS-135-9501001	MS-149-9507002	OR-005-0224005
MS-087-0003001	MS-099-0106005	MS-117-9501001	MS-135-9501002	MS-149-9507003	OR-005-0232022
MS-087-0003005	MS-099-0107002	MS-117-9501003	MS-135-9501003	MS-149-9511011	OR-005-0234031
MS-087-0004011	MS-101-0501003	MS-117-9502002	MS-135-9502001	MS-151-0001001	OR-005-0240002
MS-087-0004015	MS-101-0502001	MS-117-9502003	MS-135-9502002	MS-151-0001002	OR-005-0243032
MS-087-0004033	MS-101-0502002	MS-117-9503002	MS-135-9502003	MS-151-0002001	OR-005-0243042
MS-087-0010001	MS-101-0502003	MS-117-9504001	MS-135-9503001	MS-151-0002002	OR-007-9504002
MS-087-0010002	MS-101-0503005	MS-117-9504002	MS-135-9503002	MS-151-0003001	OR-007-9506001
MS-087-0011001	MS-101-0504003	MS-117-9504003	MS-135-9503003	MS-151-0015001	OR-007-9511001
MS-089-0302012	MS-101-0504004	MS-117-9504004	MS-135-9504001	MS-151-0015002	OR-007-9511002
MS-089-0302051	MS-101-0504005	MS-117-9505001	MS-135-9504002	MS-151-0015003	OR-007-9512001
MS-089-0302052	MS-101-0505001	MS-119-9501001	MS-135-9504003	MS-151-0015004	OR-007-9512003
MS-089-0303021	MS-101-0505002	MS-119-9501002	MS-137-9501003	MS-151-0016002	OR-009-9702001
MS-089-0303022	MS-101-0505003	MS-119-9502001	MS-137-9502003	MS-151-0017003	OR-009-9702003
MS-089-0303024	MS-103-9501001	MS-119-9503001	MS-137-9503012	MS-151-0020001	OR-009-9705002
MS-089-0304001	MS-103-9501004	MS-119-9503004	MS-137-9503022	MS-153-9501001	OR-009-9705004
MS-089-0304002	MS-103-9501005	MS-119-9503005	MS-137-9504003	MS-153-9501003	OR-009-9706003
MS-089-0304003	MS-103-9502002	MS-121-0201011	MS-139-9501003	MS-153-9503001	OR-009-9706004
MS-089-0309001	MS-103-9502003	MS-121-0201012	MS-139-9501004	MS-153-9503004	OR-009-9709001
MS-089-0309002	MS-105-9501001	MS-121-0201013	MS-139-9502001	MS-153-9504003	OR-009-9710003
MS-089-0310001	MS-105-9501003	MS-121-0202071	MS-139-9502002	MS-153-9504004	OR-009-9711001
MS-089-0310002	MS-105-9502001	MS-121-0204011	MS-139-9502003	MS-155-9501001	OR-009-9711002
MS-093-9501004	MS-105-9502002	MS-121-0209001	MS-139-9503002	MS-155-9501002	OR-009-9711003
MS-093-9502001	MS-105-9504002	MS-121-0209002	MS-139-9504001	MS-155-9502001	OR-011-0001003

OR-011-0001006	OR-033-3601001	OR-047-0027005	PA-001-0301011	PA-003-5231001	PA-009-9604001
OR-011-0002001	OR-033-3601002	OR-047-0028001	PA-001-0301022	PA-003-5231004	PA-009-9604002
OR-011-0005022	OR-033-3609001	OR-047-0028002	PA-001-0302001	PA-003-5519001	PA-009-9604003
OR-011-0009002	OR-033-3609002	OR-047-0106001	PA-001-0304001	PA-003-5626003	PA-009-9604004
OR-011-0010007	OR-033-3614002	OR-047-0106003	PA-001-0304003	PA-003-5633001	PA-009-9605001
OR-011-0011001	OR-033-3615001	OR-047-0108014	PA-001-0305001	PA-003-5640001	PA-009-9605002
OR-011-0011002	OR-033-3616003	OR-047-0108021	PA-001-0314021	PA-003-5640002	PA-009-9605004
OR-011-0011007	OR-033-3616004	OR-047-0108022	PA-001-0315023	PA-003-5642003	PA-009-9606001
OR-015-9501001	OR-033-3616007	OR-051-0002001	PA-001-0316001	PA-003-9805001	PA-009-9608001
OR-015-9501002	OR-035-9701001	OR-051-0010003	PA-001-0317001	PA-003-9808001	PA-009-9608003
OR-015-9501003	OR-035-9701003	OR-051-0011021	PA-003-1014001	PA-003-9810001	PA-009-9609001
OR-015-9502001	OR-035-9702003	OR-051-0021001	PA-003-2612001	PA-003-9811001	PA-009-9609002
OR-015-9502002	OR-035-9702004	OR-051-0023031	PA-003-4011001	PA-005-9501001	PA-009-9609003
OR-015-9503011	OR-035-9703001	OR-051-0023032	PA-003-4013001	PA-005-9501003	PA-009-9609004
OR-015-9503012	OR-035-9703003	OR-051-0035022	PA-003-4013003	PA-005-9502001	PA-009-9610001
OR-015-9503013	OR-035-9704001	OR-051-0041014	PA-003-4035003	PA-005-9503003	PA-009-9610002
OR-017-0002001	OR-035-9710002	OR-051-0043001	PA-003-4040001	PA-005-9505001	PA-009-9610003
OR-017-0002003	OR-039-0001004	OR-051-0045001	PA-003-4050001	PA-005-9506002	PA-009-9610004
OR-017-0003002	OR-039-0001005	OR-051-0046012	PA-003-4060002	PA-005-9507001	PA-009-9611001
OR-017-0004011	OR-039-0002001	OR-051-0063001	PA-003-4080012	PA-005-9507003	PA-009-9611002
OR-017-0005001	OR-039-0002003	OR-051-0073001	PA-003-4080021	PA-005-9509002	PA-011-0003002
OR-017-0005005	OR-039-0002004	OR-051-0077001	PA-003-4080022	PA-005-9514001	PA-011-0004001
OR-017-0006004	OR-039-0003001	OR-051-0082021	PA-003-4090003	PA-005-9516001	PA-011-0021003
OR-017-0019011	OR-039-0004021	OR-053-0204002	PA-003-4110001	PA-005-9516002	PA-011-0026001
OR-019-0100001	OR-039-0004022	OR-053-0204003	PA-003-4110002	PA-005-9517001	PA-011-0029001
OR-019-0300001	OR-039-0005002	OR-053-0204004	PA-003-4110003	PA-005-9517002	PA-011-0102022
OR-019-0300003	OR-039-0007021	OR-053-0205002	PA-003-4131001	PA-007-6006011	PA-011-0104002
OR-019-0700002	OR-039-0007081	OR-055-9501001	PA-003-4131002	PA-007-6006012	PA-011-0105003
OR-019-1000003	OR-039-0007082	OR-057-9602003	PA-003-4131003	PA-007-6006021	PA-011-0106001
OR-019-1700002	OR-039-0009021	OR-057-9603001	PA-003-4141023	PA-007-6010001	PA-011-0110002
OR-019-2100001	OR-039-0010023	OR-057-9604001	PA-003-4142003	PA-007-6010002	PA-011-0112002
OR-019-2100004	OR-039-0011011	OR-057-9604006	PA-003-4150012	PA-007-6017002	PA-011-0116022
OR-019-2100005	OR-039-0012011	OR-057-9604007	PA-003-4172001	PA-007-6018003	PA-011-0116031
OR-027-9501002	OR-039-0013011	OR-057-9606002	PA-003-4190001	PA-007-6018004	PA-011-0116033
OR-027-9501003	OR-039-0014002	OR-057-9607001	PA-003-4212004	PA-007-6018005	PA-011-0117011
OR-027-9502005	OR-039-0015001	OR-057-9607003	PA-003-4220002	PA-007-6026013	PA-011-0121032
OR-027-9504001	OR-039-0016001	OR-057-9608002	PA-003-4250001	PA-007-6026022	PA-011-0134011
OR-029-0006011	OR-039-0016004	OR-057-9608003	PA-003-4268001	PA-007-6027012	PA-011-0135003
OR-029-0015003	OR-039-0022023	OR-065-9706001	PA-003-4291001	PA-007-6027021	PA-011-0135004
OR-029-0023001	OR-039-0031024	OR-065-9707001	PA-003-4460001	PA-007-6027022	PA-011-0137011
OR-029-0023002	OR-039-0044033	OR-065-9707002	PA-003-4511011	PA-007-6028003	PA-011-0137021
OR-029-0025002	OR-041-9501001	OR-065-9708001	PA-003-4513001	PA-007-6029001	PA-011-0139004
OR-029-0026001	OR-041-9506013	OR-065-9708002	PA-003-4520001	PA-007-6029002	PA-011-0141001
OR-029-0026002	OR-041-9506021	OR-065-9708003	PA-003-4530032	PA-007-6030003	PA-011-0141002
OR-029-0027004	OR-041-9506022	OR-065-9708004	PA-003-4560031	PA-007-6032021	PA-013-0101011
OR-029-0028001	OR-041-9508001	OR-067-0312004	PA-003-4560032	PA-007-6032023	PA-013-0101013
OR-029-0028002	OR-041-9508002	OR-067-0318041	PA-003-4706001	PA-007-6039001	PA-013-0101014
OR-029-0029001	OR-041-9513001	OR-067-0321101	PA-003-4742021	PA-007-6050011	PA-013-0101031
OR-029-0029002	OR-041-9514001	OR-067-0327001	PA-003-4900031	PA-007-6050012	PA-013-0104021
OR-029-0030014	OR-041-9518002	OR-067-0330002	PA-003-4900042	PA-007-6050022	PA-013-0104022
OR-031-9400001	OR-043-0302003	OR-067-0334001	PA-003-4911011	PA-007-6050023	PA-013-0104023
OR-031-9400002	OR-043-0303001	OR-067-0334002	PA-003-4912001	PA-007-6053001	PA-013-0104025
OR-031-9601001	OR-043-0303002	OR-067-0335001	PA-003-4950002	PA-007-6056003	PA-013-0105001
OR-031-9601002	OR-043-0303003	OR-067-0335002	PA-003-4961023	PA-007-6057001	PA-013-0105002
OR-031-9602012	OR-043-0304011	OR-067-0336002	PA-003-4962002	PA-009-9601001	PA-013-0105003
OR-031-9602021	OR-043-0305003	OR-067-0336003	PA-003-4994001	PA-009-9601002	PA-013-0109001
OR-031-9603011	OR-047-0018032	OR-071-0304001	PA-003-5030023	PA-009-9601003	PA-013-0109002
OR-031-9603021	OR-047-0024002	OR-071-0304002	PA-003-5030025	PA-009-9602001	PA-013-0110011
OR-031-9603022	OR-047-0026002	OR-071-0305011	PA-003-5180011	PA-009-9602002	PA-013-0110012
OR-031-9603023	OR-047-0027001	OR-071-0305012	PA-003-5200012	PA-009-9603001	PA-013-0110013
OR-031-9603024	OR-047-0027003	OR-071-0305021	PA-003-5215003	PA-009-9603003	PA-013-0110021

PA-013-0110022	PA-017-1058013	PA-025-0201021	PA-031-1608002	PA-037-0509002	PA-041-0131015
PA-013-0110023	PA-017-1058054	PA-025-0201031	PA-031-1609001	PA-037-0513002	PA-043-0201001
PA-013-0115004	PA-017-1060001	PA-025-0201032	PA-031-1609002	PA-037-0514002	PA-043-0205003
PA-013-0116003	PA-017-1060002	PA-025-0201052	PA-033-3301002	PA-037-0515002	PA-043-0209001
PA-013-1005003	PA-017-1062001	PA-025-0201053	PA-033-3301003	PA-037-0515005	PA-043-0209002
PA-013-1012001	PA-017-1065003	PA-025-0201061	PA-033-3301004	PA-037-0515006	PA-043-0215003
PA-015-9501001	PA-017-9800001	PA-025-0202002	PA-033-3303001	PA-039-1101001	PA-043-0219031
PA-015-9501002	PA-019-9029001	PA-025-0202004	PA-033-3303002	PA-039-1101002	PA-043-0225021
PA-015-9501003	PA-019-9101001	PA-025-0202006	PA-033-3304002	PA-039-1101003	PA-043-0226061
PA-015-9501004	PA-019-9101002	PA-027-0101001	PA-033-3304003	PA-039-1101004	PA-043-0230002
PA-015-9502001	PA-019-9102001	PA-027-0101002	PA-033-3305001	PA-039-1101005	PA-043-0234001
PA-015-9502002	PA-019-9102003	PA-027-0101003	PA-033-3305002	PA-039-1101006	PA-043-0235002
PA-015-9502003	PA-019-9102004	PA-027-0101004	PA-033-3306001	PA-039-1102011	PA-043-0236022
PA-015-9502004	PA-019-9103011	PA-027-0102001	PA-033-3306002	PA-039-1102012	PA-043-0240012
PA-015-9505005	PA-019-9103022	PA-027-0102002	PA-033-3307001	PA-039-1102022	PA-043-0240013
PA-015-9506002	PA-019-9106002	PA-027-0102003	PA-033-3307002	PA-039-1102023	PA-043-0241042
PA-015-9506003	PA-019-9110005	PA-027-0104001	PA-033-3308002	PA-039-1106001	PA-043-0245021
PA-015-9507001	PA-019-9113004	PA-027-0104002	PA-033-3308003	PA-039-1107001	PA-043-0245031
PA-015-9507002	PA-019-9114001	PA-027-0106001	PA-033-3308004	PA-039-1107004	PA-043-0247002
PA-015-9508001	PA-019-9114002	PA-027-0106003	PA-033-3308005	PA-039-1108001	PA-043-0247004
PA-015-9509001	PA-019-9115011	PA-027-0107002	PA-033-3310003	PA-039-1109001	PA-043-0248001
PA-015-9509004	PA-019-9115014	PA-027-0108001	PA-033-3310004	PA-039-1109002	PA-043-0248004
PA-015-9509005	PA-019-9116001	PA-027-0108002	PA-033-3311002	PA-039-1109003	PA-043-0251001
PA-015-9511001	PA-019-9118001	PA-027-0109004	PA-033-3312004	PA-039-1109004	PA-045-4010001
PA-015-9512001	PA-019-9118005	PA-027-0109006	PA-033-3313001	PA-039-1110001	PA-045-4037012
PA-015-9512002	PA-019-9119003	PA-027-0110002	PA-033-3313004	PA-039-1110002	PA-045-4064021
PA-015-9512003	PA-019-9120012	PA-027-0110003	PA-033-3314011	PA-039-1113001	PA-045-4064022
PA-015-9513001	PA-019-9123012	PA-027-0110004	PA-033-3314012	PA-039-1113003	PA-045-4068022
PA-015-9513002	PA-019-9124022	PA-027-0112011	PA-033-3314022	PA-039-1113004	PA-045-4068023
PA-015-9513003	PA-019-9127004	PA-027-0112012	PA-033-3315001	PA-039-1114003	PA-045-4072011
PA-015-9513004	PA-021-0002001	PA-027-0113003	PA-033-3315002	PA-039-1116001	PA-045-4072021
PA-017-1001051	PA-021-0003001	PA-027-0116001	PA-033-3316001	PA-039-1118004	PA-045-4074041
PA-017-1002013	PA-021-0102001	PA-027-0117021	PA-033-3316002	PA-039-1119001	PA-045-4078021
PA-017-1002112	PA-021-0107001	PA-027-0118003	PA-033-3317001	PA-039-1119002	PA-045-4079021
PA-017-1003073	PA-021-0110002	PA-027-0119021	PA-033-3317003	PA-039-1119003	PA-045-4081012
PA-017-1004061	PA-021-0111001	PA-027-0119022	PA-033-3317004	PA-039-1119004	PA-045-4094001
PA-017-1008082	PA-021-0114004	PA-027-0122002	PA-033-3318001	PA-039-1120012	PA-045-4096013
PA-017-1008091	PA-021-0115002	PA-029-3010001	PA-033-3318002	PA-041-0102041	PA-045-4097014
PA-017-1009002	PA-021-0117001	PA-029-3019001	PA-033-3318003	PA-041-0109004	PA-045-4097021
PA-017-1009004	PA-021-0118004	PA-029-3027031	PA-033-3319001	PA-041-0111011	PA-045-4098023
PA-017-1014013	PA-021-0119004	PA-029-3030001	PA-033-3319002	PA-041-0111013	PA-045-4100003
PA-017-1015062	PA-021-0120002	PA-029-3033012	PA-035-0301001	PA-041-0113032	PA-045-4103012
PA-017-1016092	PA-021-0120004	PA-029-3040002	PA-035-0301002	PA-041-0113052	PA-045-4103013
PA-017-1016101	PA-021-0122001	PA-029-3043003	PA-035-0301004	PA-041-0113053	PA-045-4103014
PA-017-1021042	PA-021-0124001	PA-029-3045022	PA-035-0302001	PA-041-0116012	PA-047-9501001
PA-017-1023002	PA-021-0124004	PA-029-3051011	PA-035-0302002	PA-041-0116022	PA-047-9502001
PA-017-1027002	PA-021-0125001	PA-029-3066001	PA-035-0303001	PA-041-0117002	PA-047-9502003
PA-017-1028011	PA-021-0125002	PA-029-3074001	PA-035-0303003	PA-041-0117003	PA-047-9505002
PA-017-1028012	PA-021-0126002	PA-029-3110003	PA-035-0304001	PA-041-0118022	PA-047-9509001
PA-017-1031013	PA-021-0127002	PA-029-3116001	PA-035-0305001	PA-041-0118031	PA-047-9510004
PA-017-1040002	PA-021-0128001	PA-029-3117001	PA-035-0305002	PA-041-0118032	PA-047-9512001
PA-017-1042032	PA-021-0128002	PA-031-1601022	PA-035-0305003	PA-041-0118033	PA-049-0101012
PA-017-1043041	PA-021-0128003	PA-031-1602004	PA-035-0308001	PA-041-0125011	PA-049-0101013
PA-017-1046011	PA-021-0129004	PA-031-1603002	PA-035-0308002	PA-041-0126001	PA-049-0101041
PA-017-1049023	PA-021-0131001	PA-031-1603003	PA-037-0501002	PA-041-0126002	PA-049-0101042
PA-017-1050032	PA-021-0134001	PA-031-1604001	PA-037-0501003	PA-041-0127011	PA-049-0102012
PA-017-1052031	PA-021-0135002	PA-031-1605002	PA-037-0502001	PA-041-0127013	PA-049-0102021
PA-017-1052061	PA-021-0137001	PA-031-1605003	PA-037-0502002	PA-041-0128001	PA-049-0102022
PA-017-1054001	PA-023-9602001	PA-031-1607001	PA-037-0503001	PA-041-0128002	PA-049-0103011
PA-017-1054003	PA-023-9602002	PA-031-1607003	PA-037-0503003	PA-041-0130002	PA-049-0103013
PA-017-1058012	PA-023-9602003	PA-031-1608001	PA-037-0505003	PA-041-0131014	PA-049-0103032

PA-049-0112013	PA-055-0115003	PA-063-9614002	PA-069-1128003	PA-079-2113022	PA-085-0318001
PA-049-0112023	PA-055-0115004	PA-063-9616001	PA-069-1129011	PA-079-2113023	PA-085-0318005
PA-049-0115073	PA-055-0116001	PA-063-9616003	PA-069-1129012	PA-079-2113042	PA-085-0319001
PA-049-0117023	PA-055-0117001	PA-063-9618001	PA-069-1129013	PA-079-2117011	PA-085-0319002
PA-049-0118012	PA-055-0120006	PA-063-9618002	PA-069-1129021	PA-079-2134003	PA-085-0319004
PA-049-0118021	PA-057-9601001	PA-063-9619001	PA-069-1129023	PA-079-2138001	PA-085-0320002
PA-049-0118022	PA-057-9602001	PA-063-9620001	PA-069-1129025	PA-079-2139002	PA-085-0320003
PA-049-0120012	PA-057-9602004	PA-063-9620002	PA-071-0107015	PA-079-2153004	PA-085-0320004
PA-049-0120013	PA-057-9603002	PA-063-9621002	PA-071-0117051	PA-079-2154002	PA-085-0320005
PA-049-0121001	PA-057-9603004	PA-063-9622002	PA-071-0133011	PA-079-2154003	PA-085-0323001
PA-049-0121005	PA-059-9703001	PA-065-9502003	PA-071-0133013	PA-079-2156001	PA-085-0323003
PA-049-0122011	PA-059-9703002	PA-065-9503004	PA-071-0133042	PA-079-2158001	PA-085-0324002
PA-049-0122012	PA-059-9703003	PA-065-9506003	PA-071-0133044	PA-079-2159002	PA-085-0324004
PA-049-0122014	PA-059-9703005	PA-065-9506004	PA-071-0135014	PA-079-2161002	PA-085-0324005
PA-049-0122015	PA-059-9704001	PA-065-9508001	PA-071-0139014	PA-079-2162002	PA-085-0324006
PA-049-0122025	PA-059-9704002	PA-065-9508002	PA-071-0139023	PA-079-2162003	PA-085-0325011
PA-051-2603001	PA-059-9704003	PA-065-9509001	PA-071-0140004	PA-079-2162004	PA-085-0325014
PA-051-2603002	PA-059-9704004	PA-065-9509002	PA-071-0142012	PA-079-2164001	PA-085-0326011
PA-051-2604022	PA-059-9705011	PA-065-9509003	PA-071-0144011	PA-079-2164002	PA-085-0327011
PA-051-2604023	PA-059-9705024	PA-065-9509004	PA-071-0144022	PA-079-2165021	PA-085-0327012
PA-051-2605002	PA-059-9707001	PA-065-9510002	PA-073-0004001	PA-079-2168002	PA-085-0327014
PA-051-2606001	PA-059-9707002	PA-065-9510004	PA-073-0007001	PA-079-2169002	PA-085-0328002
PA-051-2606002	PA-059-9707003	PA-065-9511003	PA-073-0010001	PA-079-2170012	PA-085-0331002
PA-051-2608001	PA-059-9708003	PA-065-9511004	PA-073-0101001	PA-079-2170021	PA-085-0331004
PA-051-2609003	PA-059-9708004	PA-067-0702011	PA-073-0101004	PA-079-2173001	PA-085-0333002
PA-051-2610001	PA-061-9501001	PA-067-0702012	PA-073-0102024	PA-079-9801001	PA-087-9601001
PA-051-2611002	PA-061-9502001	PA-067-0702024	PA-073-0104003	PA-081-0009002	PA-087-9602001
PA-051-2612002	PA-061-9502002	PA-067-0704002	PA-073-0105003	PA-081-0101002	PA-087-9603003
PA-051-2613001	PA-061-9502003	PA-069-1006002	PA-073-0106001	PA-081-0102002	PA-087-9606002
PA-051-2613004	PA-061-9503001	PA-069-1009001	PA-073-0108004	PA-081-0104001	PA-087-9611001
PA-051-2614021	PA-061-9503003	PA-069-1010001	PA-073-0109002	PA-081-0104003	PA-087-9611006
PA-051-2615002	PA-061-9503004	PA-069-1012002	PA-073-0110003	PA-081-0104005	PA-089-3001022
PA-051-2615003	PA-061-9503005	PA-069-1018001	PA-073-0111002	PA-081-0104006	PA-089-3002011
PA-051-2618002	PA-061-9504002	PA-069-1018003	PA-073-0111004	PA-081-0105002	PA-089-3002021
PA-051-2620001	PA-061-9505001	PA-069-1028002	PA-073-0114001	PA-081-0106001	PA-089-3002022
PA-051-2620004	PA-061-9505003	PA-069-1101001	PA-073-0115001	PA-081-0106002	PA-089-3003053
PA-051-2621001	PA-061-9506001	PA-069-1102021	PA-075-0020001	PA-081-0106003	PA-089-3003081
PA-051-2621002	PA-061-9506002	PA-069-1102022	PA-075-0020002	PA-081-0109002	PA-089-3004011
PA-051-2624001	PA-061-9508002	PA-069-1102023	PA-075-0021001	PA-081-0117001	PA-089-3004031
PA-051-2625002	PA-061-9508003	PA-069-1103002	PA-075-0021002	PA-081-0117005	PA-089-3005011
PA-051-2626001	PA-061-9508004	PA-069-1106001	PA-075-0022002	PA-081-0117006	PA-089-3005012
PA-051-2626002	PA-061-9509002	PA-069-1106002	PA-075-0023002	PA-081-0118001	PA-089-3008005
PA-051-2627011	PA-061-9509003	PA-069-1106003	PA-075-0024001	PA-083-4201001	PA-089-3011012
PA-051-2627013	PA-061-9510002	PA-069-1107001	PA-075-0025003	PA-083-4203002	PA-089-3011021
PA-051-2628002	PA-061-9511001	PA-069-1111001	PA-075-0027023	PA-083-4203003	PA-089-3011022
PA-051-2628003	PA-061-9512001	PA-069-1111003	PA-075-0028001	PA-083-4205003	PA-089-3012053
PA-051-2628004	PA-061-9513001	PA-069-1112002	PA-075-0028002	PA-083-4206002	PA-089-3013011
PA-051-2629001	PA-061-9513002	PA-069-1112004	PA-075-0028003	PA-083-4206004	PA-089-3014011
PA-051-2630002	PA-063-9601002	PA-069-1113003	PA-075-0032002	PA-083-4206005	PA-091-2003081
PA-051-2631001	PA-063-9601003	PA-069-1114003	PA-075-0035001	PA-083-4206006	PA-091-2005053
PA-051-2631003	PA-063-9602001	PA-069-1116001	PA-075-0035002	PA-083-4207001	PA-091-2005062
PA-051-2633001	PA-063-9602002	PA-069-1117004	PA-075-0037002	PA-083-4207002	PA-091-2007043
PA-053-5301001	PA-063-9602004	PA-069-1118004	PA-075-0040002	PA-083-4208003	PA-091-2007083
PA-053-5301003	PA-063-9603001	PA-069-1118005	PA-075-0040003	PA-083-4209001	PA-091-2009032
PA-053-5303001	PA-063-9603002	PA-069-1118006	PA-075-0042001	PA-083-4209002	PA-091-2014101
PA-055-0102002	PA-063-9603003	PA-069-1120001	PA-077-0053021	PA-083-4210001	PA-091-2025002
PA-055-0103005	PA-063-9605001	PA-069-1120002	PA-077-0053022	PA-083-4210002	PA-091-2030001
PA-055-0104003	PA-063-9608002	PA-069-1121001	PA-079-2102001	PA-083-4211001	PA-091-2031031
PA-055-0108001	PA-063-9613002	PA-069-1124001	PA-079-2105002	PA-083-4211003	PA-091-2032081
PA-055-0113021	PA-063-9613003	PA-069-1124002	PA-079-2112044	PA-083-4212001	PA-091-2033031
PA-055-0114001	PA-063-9614001	PA-069-1127001	PA-079-2112051	PA-085-0311002	PA-091-2041022

PA-091-2042001	PA-101-0292002	PA-109-0701003	PA-117-9504001	PA-125-7210002	PA-129-8059021
PA-091-2058011	PA-101-0312003	PA-109-0701005	PA-117-9504003	PA-125-7310003	PA-129-8059022
PA-091-2059031	PA-101-0363011	PA-109-0702002	PA-117-9505001	PA-125-7310004	PA-129-8060002
PA-091-2060071	PA-101-0363031	PA-109-0702003	PA-117-9505002	PA-125-7320001	PA-129-8061001
PA-091-2061024	PA-101-0366001	PA-109-0703002	PA-117-9506004	PA-125-7320002	PA-129-8062001
PA-091-2061041	PA-101-0369003	PA-109-0703003	PA-117-9507002	PA-125-7452001	PA-129-8066001
PA-091-2064002	PA-101-0377001	PA-109-0704002	PA-117-9507003	PA-125-7452002	PA-129-8067002
PA-091-2067031	PA-101-0377002	PA-109-0704003	PA-117-9507004	PA-125-7511003	PA-129-8069001
PA-091-2067042	PA-101-9801001	PA-109-0705002	PA-117-9509001	PA-125-7557003	PA-129-8069002
PA-091-2068011	PA-101-9806001	PA-109-0707013	PA-117-9509003	PA-125-7610001	PA-129-8070003
PA-091-2069052	PA-101-9808001	PA-111-0201022	PA-117-9509004	PA-125-7610002	PA-129-8072002
PA-091-2076001	PA-101-9891001	PA-111-0202002	PA-117-9510001	PA-125-7610004	PA-129-8074022
PA-091-2078003	PA-103-9501021	PA-111-0202003	PA-119-0901022	PA-125-7620003	PA-129-8081001
PA-091-2086031	PA-103-9502013	PA-111-0204001	PA-119-0902001	PA-125-7637001	PA-129-8081004
PA-091-2086041	PA-103-9505011	PA-111-0204003	PA-119-0902002	PA-125-7640002	PA-129-8083001
PA-091-2087042	PA-103-9505023	PA-111-0204004	PA-119-0902003	PA-125-7711003	PA-129-8083002
PA-091-2104004	PA-103-9506011	PA-111-0205002	PA-119-0902004	PA-125-7731002	PA-129-8083003
PA-093-0504001	PA-103-9506051	PA-111-0205003	PA-119-0904002	PA-125-7747002	PA-129-8084011
PA-093-0504003	PA-103-9507011	PA-111-0206003	PA-121-2000002	PA-125-7747003	PA-129-8084012
PA-095-0160013	PA-103-9507012	PA-111-0206004	PA-121-2000003	PA-125-7747005	PA-129-8084023
PA-095-0160024	PA-103-9507022	PA-111-0207002	PA-121-2001001	PA-125-7817002	PA-129-8085001
PA-097-0801001	PA-103-9508011	PA-111-0207003	PA-121-2001002	PA-125-7840001	PA-129-8086003
PA-097-0803001	PA-103-9508012	PA-111-0208003	PA-121-2001003	PA-125-7959004	PA-131-4001001
PA-097-0805001	PA-103-9508013	PA-111-0209001	PA-121-2001004	PA-125-7960001	PA-131-4001002
PA-097-0805003	PA-103-9509001	PA-111-0209003	PA-121-2002001	PA-125-7960002	PA-131-4001003
PA-097-0806003	PA-103-9509002	PA-111-0212003	PA-121-2002002	PA-127-9601001	PA-131-4002001
PA-097-0807001	PA-105-9503001	PA-111-0213001	PA-121-2002003	PA-127-9601002	PA-131-4002002
PA-097-0807003	PA-105-9504001	PA-111-0213002	PA-121-2005001	PA-127-9602001	PA-131-4002003
PA-097-0808001	PA-105-9504002	PA-111-0213003	PA-121-2006001	PA-127-9602002	PA-131-4003002
PA-097-0808004	PA-107-0001002	PA-111-0214002	PA-121-2006002	PA-127-9606002	PA-131-4003003
PA-097-0808005	PA-107-0003001	PA-111-0214004	PA-121-2011003	PA-127-9608002	PA-131-4007001
PA-097-0809001	PA-107-0003002	PA-111-0216001	PA-121-2013001	PA-127-9609002	PA-131-4007002
PA-097-0809002	PA-107-0003003	PA-111-0217001	PA-121-2014003	PA-127-9610003	PA-131-4007003
PA-097-0812002	PA-107-0004002	PA-111-0217003	PA-121-2015001	PA-127-9610004	PA-133-0014003
PA-097-0812003	PA-107-0007001	PA-111-0218001	PA-121-2015002	PA-127-9611001	PA-133-0016001
PA-097-0814001	PA-107-0007003	PA-111-0219012	PA-121-2015005	PA-127-9612001	PA-133-0101103
PA-097-0815001	PA-107-0009001	PA-111-0219021	PA-123-9701001	PA-127-9614001	PA-133-0105102
PA-097-0816002	PA-107-0009004	PA-113-9601001	PA-123-9701002	PA-129-8007001	PA-133-0203202
PA-097-0818001	PA-107-0010002	PA-113-9601002	PA-123-9702001	PA-129-8010022	PA-133-0203203
PA-097-0819001	PA-107-0011001	PA-113-9602001	PA-123-9702003	PA-129-8012002	PA-133-0203206
PA-097-0819002	PA-107-0013001	PA-113-9602002	PA-123-9703001	PA-129-8017023	PA-133-0204102
PA-097-0819004	PA-107-0013004	PA-113-9602003	PA-123-9703003	PA-129-8018002	PA-133-0204201
PA-097-0819006	PA-107-0016001	PA-115-0320001	PA-123-9703004	PA-129-8018003	PA-133-0205103
PA-097-0823001	PA-107-0016002	PA-115-0320002	PA-123-9703005	PA-129-8019002	PA-133-0205212
PA-097-0824002	PA-107-0020002	PA-115-0320003	PA-123-9704001	PA-129-8021011	PA-133-0205221
PA-099-0301005	PA-107-0021001	PA-115-0321001	PA-123-9704002	PA-129-8024003	PA-133-0205222
PA-099-0303023	PA-107-0024001	PA-115-0321002	PA-123-9704003	PA-129-8030002	PA-133-0206002
PA-099-0304002	PA-107-0025002	PA-115-0321003	PA-123-9704004	PA-129-8031002	PA-133-0206003
PA-099-0305011	PA-107-0027001	PA-115-0322001	PA-123-9705001	PA-129-8032001	PA-133-0209103
PA-099-0305023	PA-107-0029002	PA-115-0322003	PA-123-9705003	PA-129-8036001	PA-133-0210202
PA-099-0306022	PA-107-0029003	PA-115-0322004	PA-123-9705004	PA-129-8037003	PA-133-0211004
PA-099-0306023	PA-107-0029004	PA-115-0323001	PA-123-9706001	PA-129-8038001	PA-133-0212201
PA-101-0004011	PA-107-0030001	PA-115-0325001	PA-123-9706004	PA-129-8045022	PA-133-0216002
PA-101-0090003	PA-107-0030003	PA-115-0325004	PA-123-9710001	PA-129-8045024	PA-133-0217123
PA-101-0103002	PA-107-0034003	PA-115-0326001	PA-123-9712001	PA-129-8046001	PA-133-0218021
PA-101-0156001	PA-107-0035001	PA-115-0326004	PA-123-9712002	PA-129-8049001	PA-133-0224023
PA-101-0169023	PA-107-0035002	PA-115-0327001	PA-123-9714001	PA-129-8049003	PA-133-0225003
PA-101-0170001	PA-107-0035004	PA-115-0327002	PA-123-9714002	PA-129-8050003	PA-133-0226003
PA-101-0179001	PA-107-0039001	PA-115-0327003	PA-125-7110001	PA-129-8051002	PA-133-0227001
PA-101-0183001	PA-107-0039003	PA-115-0328001	PA-125-7110002	PA-129-8054001	PA-133-0228006
PA-101-0199004	PA-109-0701001	PA-115-0328002	PA-125-7110003	PA-129-8058002	PA-133-0229103

PA-133-0230001	WA-033-0062001	WA-045-9602003	WA-061-0531011	WI-027-9602001	WI-043-9609002
PA-133-0234001	WA-033-0072001	WA-045-9603003	WA-061-0532022	WI-027-9603005	WI-043-9609003
PA-133-0236022	WA-033-0082001	WA-045-9603005	WA-061-0533025	WI-027-9604001	WI-043-9610001
PA-133-0236023	WA-033-0094002	WA-045-9606001	WA-061-0535081	WI-027-9604002	WI-043-9610004
PA-133-0237221	WA-033-0215003	WA-045-9606003	WA-061-0536023	WI-027-9605002	WI-043-9612001
PA-133-0240012	WA-033-0236013	WA-045-9608003	WA-061-0538034	WI-027-9606002	WI-043-9612002
WA-009-0002001	WA-033-0262001	WA-045-9611001	WA-061-9400012	WI-027-9609002	WI-045-9603003
WA-009-0004001	WA-033-0283003	WA-045-9613002	WA-067-0104002	WI-027-9611003	WI-045-9603004
WA-009-0004002	WA-033-0291011	WA-049-9502001	WA-067-0109201	WI-027-9611004	WI-047-1002001
WA-009-0006002	WA-033-0296021	WA-049-9502002	WA-067-0118101	WI-027-9613001	WI-047-1003001
WA-009-0006003	WA-033-0305011	WA-049-9502003	WA-067-0119004	WI-027-9613004	WI-047-1004002
WA-009-0015001	WA-033-0314002	WA-049-9503001	WA-067-0122221	WI-027-9613005	WI-049-9501003
WA-009-0018002	WA-033-0315022	WA-049-9503002	WA-067-0124113	WI-027-9614001	WI-049-9502001
WA-009-0020001	WA-033-0315023	WA-049-9503004	WA-067-0124121	WI-027-9616001	WI-049-9502002
WA-009-0020002	WA-033-0316032	WA-049-9504001	WA-067-0124202	WI-027-9618001	WI-049-9502003
WA-009-0023001	WA-033-0318003	WA-049-9504003	WA-067-0125202	WI-027-9618003	WI-049-9503001
WA-009-9400002	WA-033-0319042	WA-049-9505001	WA-067-0127201	WI-029-1003001	WI-049-9503002
WA-011-0401012	WA-033-0319074	WA-053-0602001	WA-069-9501002	WI-029-1003002	WI-049-9503003
WA-011-0404073	WA-033-0320021	WA-053-0617001	WA-069-9501003	WI-029-1004002	WI-049-9505002
WA-011-0405041	WA-033-0320054	WA-053-0626001	WA-073-0101003	WI-029-1005001	WI-049-9505003
WA-011-0410052	WA-033-0320071	WA-053-0633002	WA-073-0101004	WI-029-1005002	WI-049-9506001
WA-011-0412032	WA-033-0322033	WA-053-0701001	WA-073-9400002	WI-029-1005004	WI-049-9506004
WA-011-0413172	WA-033-0322123	WA-053-0701002	WI-003-9505001	WI-029-1008001	WI-051-1801001
WA-011-0413253	WA-033-0322152	WA-053-0701003	WI-005-0001004	WI-029-1008002	WI-053-9602003
WA-011-0424002	WA-033-0323073	WA-053-0702071	WI-005-0003004	WI-029-1009002	WI-053-9603003
WA-015-0003001	WA-033-0323075	WA-053-0702074	WI-007-9604001	WI-031-0301001	WI-053-9604001
WA-015-0015011	WA-033-0323152	WA-053-0703132	WI-009-0202032	WI-031-0301004	WI-055-1001002
WA-015-0015012	WA-033-0323262	WA-053-0729011	WI-009-0207021	WI-031-0301006	WI-055-1001004
WA-015-0017004	WA-033-0325001	WA-053-0729031	WI-009-9400013	WI-031-0303005	WI-055-1003001
WA-015-0018001	WA-033-0325003	WA-053-0729061	WI-011-9601001	WI-033-9701001	WI-055-1004003
WA-015-0018002	WA-033-0325004	WA-053-0731192	WI-011-9601002	WI-033-9702003	WI-055-1006021
WA-015-0019002	WA-035-0903001	WA-053-0732003	WI-013-9704003	WI-033-9703002	WI-055-1008002
WA-015-0019004	WA-035-0910002	WA-053-0732004	WI-013-9706002	WI-033-9705001	WI-055-1008003
WA-015-0020011	WA-035-0911001	WA-053-9400022	WI-015-0202003	WI-033-9707001	WI-055-1009002
WA-015-0020021	WA-035-0912041	WA-053-9400101	WI-015-0205003	WI-033-9707002	WI-055-1011003
WA-015-0020023	WA-035-0926001	WA-053-9400102	WI-017-0102001	WI-035-0003012	WI-055-1013003
WA-027-0002004	WA-039-9501002	WA-055-9601003	WI-017-0107003	WI-035-0003021	WI-057-1001001
WA-027-0002005	WA-039-9501003	WA-055-9603004	WI-017-0110003	WI-035-0003022	WI-057-1002002
WA-027-0003001	WA-039-9502001	WA-055-9605002	WI-019-9504002	WI-035-0003023	WI-057-1004002
WA-027-0003002	WA-039-9502002	WA-057-9403001	WI-019-9504003	WI-035-0016001	WI-057-1004004
WA-027-0003003	WA-039-9502003	WA-057-9403003	WI-019-9505002	WI-035-0016003	WI-057-1005002
WA-027-0004005	WA-039-9502004	WA-057-9408002	WI-019-9508002	WI-039-0407003	WI-063-0101014
WA-027-0005004	WA-039-9503001	WA-057-9501001	WI-021-9708002	WI-039-0407005	WI-063-0102013
WA-027-0006001	WA-039-9503002	WA-057-9509001	WI-021-9709003	WI-039-0411003	WI-063-0106001
WA-027-0007002	WA-039-9503003	WA-057-9510001	WI-023-9601003	WI-039-0414001	WI-063-0108003
WA-027-0007003	WA-039-9503007	WA-057-9513002	WI-025-0106001	WI-039-0414002	WI-065-9701002
WA-027-0008001	WA-041-9701002	WA-057-9516003	WI-025-0107023	WI-039-0414004	WI-065-9701003
WA-027-0008002	WA-041-9703001	WA-057-9527001	WI-025-0112003	WI-039-0419006	WI-065-9702001
WA-027-0013004	WA-041-9703002	WA-059-9501001	WI-025-0114021	WI-039-0419007	WI-065-9702002
WA-027-0016002	WA-041-9707004	WA-059-9502002	WI-025-0114023	WI-039-0420001	WI-065-9702004
WA-027-0016004	WA-041-9711001	WA-059-9504001	WI-025-0117002	WI-039-0420003	WI-065-9703001
WA-027-9400001	WA-041-9715003	WA-059-9504002	WI-025-0118001	WI-039-0420004	WI-065-9704001
WA-031-9503002	WA-041-9715005	WA-059-9505001	WI-025-0118002	WI-039-0420005	WI-065-9704002
WA-031-9503005	WA-041-9718001	WA-061-0401001	WI-025-0119002	WI-039-0421003	WI-065-9705001
WA-031-9506011	WA-041-9718002	WA-061-0419052	WI-025-0119004	WI-041-9504003	WI-067-9601002
WA-031-9507021	WA-041-9718003	WA-061-0420053	WI-025-0120022	WI-043-9601002	WI-069-9603001
WA-031-9507022	WA-041-9719003	WA-061-0521042	WI-025-0120024	WI-043-9601004	WI-073-0007001
WA-033-0031005	WA-041-9720001	WA-061-0521051	WI-025-0121001	WI-043-9603001	WI-073-0011022
WA-033-0053022	WA-041-9720002	WA-061-0521122	WI-025-0126002	WI-043-9606002	WI-073-0013001
WA-033-0057001	WA-041-9720003	WA-061-0525021	WI-025-0129002	WI-043-9608003	WI-073-0016002
WA-033-0058023	WA-045-9601002	WA-061-0525023	WI-025-0132001	WI-043-9609001	WI-073-0017001

WI-073-0018002	WI-107-9601003	WI-133-2040022	WV-019-0206001	WV-039-0108011	WV-053-9548022
WI-073-0019001	WI-107-9601004	WI-135-1002001	WV-019-0207004	WV-039-0108012	WV-053-9549001
WI-073-0019007	WI-107-9604002	WI-135-1005001	WV-019-0209001	WV-039-0108021	WV-053-9549003
WI-073-0020002	WI-107-9604003	WI-135-1006001	WV-019-0210002	WV-039-0109001	WV-053-9549004
WI-073-0021004	WI-107-9605003	WI-135-1007002	WV-019-0211002	WV-039-0111001	WV-053-9549005
WI-073-0022003	WI-109-1204001	WI-135-1008003	WV-023-9694001	WV-039-0111003	WV-053-9551021
WI-073-0023002	WI-109-1204003	WI-135-1009002	WV-023-9694002	WV-039-0112002	WV-053-9551022
WI-073-0023004	WI-109-1204004	WI-135-1010001	WV-023-9694003	WV-039-0112004	WV-053-9551024
WI-073-0023006	WI-109-1206002	WI-135-1010004	WV-023-9694004	WV-039-0113011	WV-055-0009001
WI-075-9602002	WI-111-0001001	WI-135-1011005	WV-023-9695002	WV-039-0113021	WV-055-0009003
WI-075-9602005	WI-111-0001004	WI-137-9601002	WV-023-9696004	WV-039-0118001	WV-055-0011001
WI-075-9607001	WI-111-0004022	WI-137-9602004	WV-025-9501001	WV-039-0118002	WV-055-0016001
WI-075-9608001	WI-111-0009002	WI-139-0014003	WV-025-9501002	WV-039-0118004	WV-055-0016002
WI-075-9610001	WI-115-1006001	WI-139-0018011	WV-025-9502002	WV-039-0118005	WV-055-0018004
WI-075-9610002	WI-115-1006002	WI-139-0019001	WV-025-9502005	WV-039-0121001	WV-055-0022002
WI-075-9611001	WI-115-1007002	WI-139-0020001	WV-025-9503001	WV-039-0123004	WV-055-0024001
WI-077-9602002	WI-115-1009003	WI-139-0020004	WV-025-9503003	WV-039-0123005	WV-057-0103003
WI-077-9602003	WI-115-1011001	WI-139-0020005	WV-025-9503004	WV-043-9554002	WV-057-0104002
WI-077-9603002	WI-117-0104002	WI-139-0021001	WV-025-9504001	WV-043-9554003	WV-057-0105001
WI-077-9603003	WI-117-0106021	WI-139-0022012	WV-025-9504002	WV-043-9555004	WV-057-0105004
WI-078-9401022	WI-117-0107003	WI-139-0022013	WV-025-9504004	WV-043-9556003	WV-057-0107001
WI-081-9501003	WI-117-0108001	WI-139-0022021	WV-025-9505002	WV-043-9556004	WV-057-0107002
WI-081-9501004	WI-117-0109002	WI-139-0022022	WV-025-9506001	WV-043-9557002	WV-059-9571001
WI-081-9502004	WI-117-0110001	WI-139-0023001	WV-025-9506002	WV-043-9558002	WV-059-9571002
WI-081-9508001	WI-119-9603003	WI-139-0023003	WV-025-9507001	WV-043-9558004	WV-059-9571003
WI-081-9508002	WI-119-9606001	WI-139-0037025	WV-025-9507003	WV-045-9561015	WV-059-9572001
WI-081-9508003	WI-121-1002001	WV-003-9711011	WV-025-9507005	WV-045-9561023	WV-059-9572003
WI-081-9509004	WI-121-1003001	WV-003-9713004	WV-027-9682001	WV-045-9564001	WV-059-9576002
WI-083-1007002	WI-121-1003002	WV-003-9718001	WV-027-9682003	WV-045-9564002	WV-059-9576003
WI-083-1008001	WI-121-1004001	WV-003-9720002	WV-027-9683003	WV-045-9565001	WV-061-0112001
WI-083-1008003	WI-121-1004002	WV-003-9721026	WV-027-9684001	WV-045-9566002	WV-061-0112002
WI-085-9705001	WI-121-1005003	WV-005-9582001	WV-027-9684002	WV-045-9567002	WV-063-9501001
WI-085-9708002	WI-121-1007002	WV-005-9582003	WV-027-9684003	WV-045-9567003	WV-063-9501002
WI-085-9709001	WI-121-1008002	WV-005-9583001	WV-027-9685001	WV-045-9568001	WV-063-9502001
WI-085-9710023	WI-123-9605001	WV-005-9583004	WV-027-9686002	WV-047-9536001	WV-063-9502004
WI-085-9711001	WI-125-9502003	WV-005-9586001	WV-029-0209004	WV-047-9536002	WV-063-9502005
WI-087-0131001	WI-125-9505005	WV-005-9587001	WV-029-0212001	WV-047-9538001	WV-063-9503002
WI-089-6101022	WI-125-9507001	WV-009-0311021	WV-031-9701001	WV-047-9538002	WV-063-9503003
WI-089-6201001	WI-127-0001021	WV-009-0311023	WV-031-9701003	WV-047-9538003	WV-065-9709001
WI-089-6602022	WI-127-0002001	WV-009-0314003	WV-035-9632002	WV-047-9538004	WV-065-9709002
WI-093-9601001	WI-127-0003011	WV-009-0316001	WV-035-9632003	WV-047-9540002	WV-067-9502003
WI-093-9603001	WI-127-0003014	WV-009-0316002	WV-035-9632004	WV-047-9542001	WV-067-9502005
WI-093-9605001	WI-127-0003022	WV-009-0316004	WV-035-9633004	WV-047-9545011	WV-067-9506002
WI-095-9605002	WI-127-0004002	WV-009-0317002	WV-035-9634001	WV-047-9545012	WV-067-9506003
WI-095-9606001	WI-127-0005021	WV-011-0105001	WV-035-9634002	WV-047-9545031	WV-067-9506004
WI-097-9602001	WI-127-0010003	WV-011-0107004	WV-035-9634003	WV-047-9545032	WV-067-9507001
WI-097-9602004	WI-127-0016023	WV-011-0107005	WV-035-9636003	WV-047-9545041	WV-067-9507002
WI-097-9605002	WI-127-0017023	WV-013-9626001	WV-035-9637001	WV-047-9545042	WV-069-0002003
WI-097-9607011	WI-129-9502001	WV-013-9626002	WV-035-9637002	WV-047-9545045	WV-069-0017001
WI-097-9611003	WI-129-9503003	WV-013-9626003	WV-035-9637003	WV-051-0207021	WV-069-0020002
WI-099-9701001	WI-129-9506001	WV-013-9627001	WV-035-9637005	WV-051-0208001	WV-069-0020004
WI-099-9702001	WI-129-9506003	WV-013-9627002	WV-035-9637006	WV-051-0208002	WV-069-0021002
WI-099-9704001	WI-131-4101004	WV-013-9627003	WV-037-9726011	WV-051-0208003	WV-069-0022002
WI-099-9707002	WI-131-4201061	WV-015-9579001	WV-037-9726022	WV-051-0208005	WV-071-9705001
WI-103-9701002	WI-131-4401052	WV-015-9580002	WV-037-9727021	WV-051-0208006	WV-071-9705003
WI-103-9702001	WI-131-4401061	WV-015-9581001	WV-037-9728001	WV-051-0209001	WV-071-9705004
WI-103-9702003	WI-131-4501031	WV-017-9651001	WV-039-0011003	WV-051-0209002	WV-071-9706001
WI-103-9705003	WI-131-4501041	WV-017-9651003	WV-039-0018001	WV-051-0209004	WV-071-9706002
WI-103-9705004	WI-131-4501051	WV-017-9651004	WV-039-0018002	WV-051-0210006	WV-073-9621001
WI-105-0029004	WI-131-4601011	WV-019-0203001	WV-039-0101002	WV-051-0210007	WV-073-9621003
WI-105-0030024	WI-133-2035002	WV-019-0204002	WV-039-0104002	WV-053-9548011	WV-073-9622003

WV-075-9601011	WV-079-0201002	WV-087-9629005	WV-095-9620001	WV-103-0305003	WV-107-0107021
WV-075-9601021	WV-079-0202001	WV-087-9631001	WV-095-9620002	WV-103-0305004	WV-107-0107022
WV-075-9601022	WV-079-0203001	WV-087-9631002	WV-099-0052002	WV-103-0305005	WV-107-0107024
WV-075-9602002	WV-079-0204001	WV-087-9631003	WV-099-0201001	WV-103-0307004	WV-107-0107025
WV-075-9602003	WV-079-0204002	WV-087-9631004	WV-099-0201002	WV-105-0301011	WV-107-0108001
WV-075-9602004	WV-079-0207002	WV-089-0005001	WV-099-0203006	WV-105-0301012	WV-107-0108002
WV-075-9603001	WV-081-0007002	WV-089-0005003	WV-099-0204002	WV-105-0301021	WV-107-0108003
WV-075-9603002	WV-081-0008021	WV-089-0006001	WV-099-0205001	WV-105-0301022	WV-107-0109011
WV-077-9638002	WV-081-0008043	WV-089-0006003	WV-099-0207003	WV-107-0008011	WV-107-0109013
WV-077-9639002	WV-081-0009001	WV-089-0008001	WV-099-0208002	WV-107-0009011	WV-107-0109023
WV-077-9639003	WV-081-0009002	WV-089-0008003	WV-099-0208003	WV-107-0101011	WV-109-0028002
WV-077-9641001	WV-081-0009003	WV-091-9646001	WV-099-0209001	WV-107-0101012	WV-109-0029011
WV-077-9641002	WV-081-0009004	WV-091-9646006	WV-099-0209002	WV-107-0102003	WV-109-0029012
WV-077-9642002	WV-081-0012002	WV-091-9647005	WV-099-0210001	WV-107-0104001	WV-109-0029023
WV-077-9642003	WV-081-0012003	WV-091-9648007	WV-099-0210003	WV-107-0105022	WV-109-0031001
WV-077-9642004	WV-081-0012004	WV-093-9652001	WV-101-9701001	WV-107-0106011	WV-109-0031004
WV-077-9643003	WV-081-0013002	WV-093-9652002	WV-101-9701002	WV-107-0106012	WV-109-0032001
WV-077-9643004	WV-085-9623003	WV-093-9653001	WV-101-9702002	WV-107-0106013	WV-109-0032002
WV-077-9644001	WV-085-9623004	WV-093-9653002	WV-103-0049002	WV-107-0106023	WV-109-0032005
WV-077-9644002	WV-085-9625001	WV-093-9654001	WV-103-0304001	WV-107-0106024	WY-021-0019021
WV-077-9644003	WV-085-9625004	WV-093-9654002	WV-103-0304002	WV-107-0107011	WY-021-0020004
WV-077-9644004	WV-087-9628001	WV-093-9654003	WV-103-0304003	WV-107-0107012	
WV-077-9645002	WV-087-9628002	WV-095-9618002	WV-103-0304004	WV-107-0107013	
WV-077-9645003	WV-087-9629002	WV-095-9619002	WV-103-0305001	WV-107-0107014	
WV-079-0201001	WV-087-9629004	WV-095-9619004	WV-103-0305002	WV-107-0107015	