

Weekly receipt of Environmental Impact Statements  
Filed 02/12/2018 through 02/16/2018  
Pursuant to 40 CFR 1506.9.

#### Notice

Section 309(a) of the Clean Air Act requires that EPA make public its comments on EISs issued by other Federal agencies. EPA's comment letters on EISs are available at: <https://cdxnodengn.epa.gov/cdx-nepa-public/action/eis/search>

*EIS No. 20180021, Final, USFWS, CA, City of San Diego Vernal Pool Habitat Conservation Plan EIS/EIR, Review Period Ends: 03/26/2018, Contact: Susan Wynn, 760-431-9440*

*EIS No. 20180022, Final, USFS, BLM, USFWS, ID, Coeur d'Alene Basin Restoration Plan and Environmental Impact Statement, Review Period Ends: 03/26/2018, Contact: Jeffrey Johnson, 208-765-7442*

*EIS No. 20180023, Final, USAF, AK, Proposal to Improve F-22 Operational Efficiency at Joint Base Elmendorf-Richardson, Alaska, Review Period Ends: 03/26/2018, Contact: Major Matthew Smith, 907-552-8151*

*EIS No. 20180024, Draft, USFS, OR, East Hills Project DRAFT Environmental Impact Statement, Comment Period Ends: 04/09/2018, Contact: Jody Perozzi, 541-353-2723*

#### Amended Notices

*EIS No. 20170243, Draft, DOT, TX Dallas to Houston High Speed Rail DRAFT Environmental Impact Statement, Comment Period Ends: 02/20/2018, Contact: Kevin Wright (202) 493-0845, Revision to FR Notice Published 12/22/2017; Correction to Extend Comment Period from 02/20/2018 to 03/09/2018*

Dated: February 20, 2018.

**Kelly Knight,**

*Director, NEPA Compliance Division, Office of Federal Activities.*

[FR Doc. 2018-03757 Filed 2-22-18; 8:45 am]

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## FEDERAL COMMUNICATIONS COMMISSION

[DA 18-124]

### Incentive Auction Task Force and Media Bureau Announce Post Incentive Auction Special Displacement Window April 10, 2018 Through May 15, 2018 and Make Location and Channel Data Available

**AGENCY:** Federal Communications Commission.

**ACTION:** Notice.

**SUMMARY:** The Incentive Auction Task Force and Media Bureau provide sixty days' advance notice of the opening of a displacement application filing window for low power television, TV translator stations, and analog-to-digital replacement translators that were displaced by the incentive auction and repacking process. The IATF and Media Bureau also announce that simultaneous with the release of the Public Notice they are releasing a channel study to assist stations in identifying potential new channels in the repacked television bands.

**DATES:** The Special Displacement Window will open April 10, 2018 and will close on May 15, 2018 at 11:59 p.m. EDT.

**FOR FURTHER INFORMATION CONTACT:** Shaun Maher, Video Division, Media Bureau, Federal Communications Commission, [Shaun.Maher@fcc.gov](mailto:Shaun.Maher@fcc.gov), (202) 418-2324.

**SUPPLEMENTARY INFORMATION:** The Incentive Auction Task Force (IATF) and the Media Bureau hereby provide sixty days' advance notice of the opening of a displacement application filing window for low power television (LPTV), TV translator stations, and analog-to-digital replacement translators (DRT) (referred to collectively as "LPTV/translator stations") that were displaced by the incentive auction and repacking process (Special Displacement Window). The Special Displacement Window will open on Tuesday, April 10, 2018, and close on Tuesday, May 15, 2018, at 11:59 p.m. EDT. The IATF and Media Bureau also announce that simultaneous with the release of this Public Notice they are releasing a channel study to assist stations in identifying potential new channels in the repacked television bands. The Public Notice provides details regarding the channel study, reiterate some of the eligibility and filing procedures for the window, and lifts the displacement application filing freeze for eligible stations. The Public Notice also reminds eligible full power television stations that they may begin filing applications for digital-to-digital replacement translators (DTDRTs) on April 10, 2018.

The Commission in 2015 sought comment on whether to preserve a vacant television channel for use by unlicensed white space devices and wireless microphones in all areas of the country. *See Preservation of One Vacant Channel in the UHF Television Band For Use By White Space Devices and Wireless Microphones*, MB Docket No. 15-146, Notice of Proposed Rulemaking, 30 FCC Rcd 6711 (2015). In that

proceeding, the Commission proposed that applications filed in the displacement window would have to demonstrate that they do not eliminate the last remaining vacant channel in their proposed service area. *Id.* at 6719, para. 17. While the Commission has not issued an order in this proceeding to date, it is noted that the opening of the displacement window and acceptance of displacement applications does not preclude the preservation of a vacant television channel. Because new 600 MHz licensees have already begun to deploy service in the 600 MHz Band and the earliest transitioning full-power and Class A stations will begin testing on their post-auction channels in a few months, the IATF and Media Bureau believe time is of the essence in opening the special displacement window and processing displacement applications in order to "preserve the important services provided by LPTV and TV translator stations." *In the Matter of Expanding the Economic and Innovation Opportunities of Spectrum Through Incentive Auctions*, Report and Order, 29 FCC Rcd 6567, 6576, para. 21 (2014). In addition, the IATF and Media Bureau expect that in many areas of the country there will likely be vacant channels available even after displacement applications are processed and granted.

*Channel Study.* As described more fully in the Appendix to the Public Notice, the IATF and Media Bureau have compiled and are releasing data that identifies locations and channels where LPTV/translator stations filing applications in the Special Displacement Window likely cannot propose displacement facilities because of the presence of non-displaced LPTV/translator stations and permittees, full power and Class A television stations, or land mobile operations. The release of this data satisfies the Commission's directive to provide channel availability data to assist eligible LPTV/TV translator stations sixty days prior to the opening of the Special Displacement Window. *See Rules for Digital Low Power Television and Television Translator Stations*, MB Docket No. 03-185, Third Report and Order and Fourth Notice of Proposed Rulemaking, 30 FCC Rcd 14927, 14946-47, paras. 40-42 (2015). Identification of the locations and channels where eligible LPTV/translator stations likely cannot operate will provide important information to help facilitate the LPTV/translator displacement application process. Stations are encouraged to use this information to help identify available channels and to use TVStudy to ensure

the facilities they plan to propose will satisfy station needs. Stations are reminded that they must also use TVStudy to verify that the displacement facilities they propose will not create harmful interference. Additionally, given the public interest in promoting the efficient use of spectrum, LPTV/translator stations operating outside of the largest 40 DMAs are encouraged to select new channels for displaced stations that are adjacent to channels in use by other broadcast television stations to help provide flexibility in the future. Once a station has identified a suitable channel, it should file a construction permit application for it during the Special Displacement Window.

The data being provided is based on use of the incentive auction repacking and optimization software nationwide, and includes: (1) All other primary users in the repacked television band or in adjacent bands, including land mobile operations; (2) licenses and valid construction permits for LPTV/translator stations; (3) licenses and valid construction permits for full power and Class A stations that were not reassigned to new channels in repacking; (4) the full power and Class A television station technical parameters in the Closing and Channel Reassignment Public Notice; (5) full power and Class A television station modifications proposed in the two alternate channel/expanded facilities filing windows; and (6) full power and Class A television station applications filed during the period from November 28 to December 7, 2017, when the April 2013 freeze on the filing of applications for minor modifications was lifted. See *Media Bureau Temporarily Lifts the Freeze on the Filing of Minor Modification Applications That Expand the Contour of Full Power and Class A Television Stations From November 28 Through December 7, 2017*, Public Notice, 32 FCC Rcd 9328 (MB 2017). If an application filed during either of the alternate channel/expanded facilities filing windows is granted and supersedes the full power or Class A station's facility as listed in the Closing and Channel Reassignment Public Notice, then an LPTV/translator station filing an application in the Special Displacement Window need only demonstrate that it will not cause interference to the facility authorized in the granted window application. The data is provided on the same 2 x 2 kilometer basis as used in connection with the incentive auction. The data is available online at <https://data.fcc.gov/>

#### *download/incentive-auctions/LPTV-Data.*

It is noted that the data shows those locations and channels that are potentially unavailable for displaced LPTV/translator stations. The data also indicates which LPTV/translator stations are potentially displaced as a result of causing interference or receiving interference based on certain assumptions that are described in more detail in the attached Appendix. This information is provided as guidance, and stations must conduct their own interference studies using TVStudy, particularly since technical parameters for stations may change. Technical showings will be required to demonstrate that LPTV/translator station displacement applications are predicted to cause less than the amount of interference prescribed in our rules to other TV stations, including other LPTV/translator stations.

In addition, the Incentive Auction Task Force and the Media Bureau announce today that they will host a webinar on the data on Wednesday, February 28, 2018 at 1 p.m., to review the assumptions described in the Appendix and the data we are providing, and to respond to questions from LPTV/translator stations. Additional information on this webinar will be provided in a future Public Notice.

*Reminder of Certain Eligibility and Filing Procedures.* To be eligible to file in the Special Displacement Window, an LPTV/translator station must be both "operating" and "displaced." "Operating" LPTV/translator stations are those that had licensed their authorized construction permit facilities, or had an application for a license to cover on file with the Commission, as of April 13, 2017—the release date of the Closing and Channel Reassignment Public Notice. See *Media Bureau Announces Date By Which LPTV and TV Translator Stations Must Be "Operating" In Order To Participate In Post-Incentive Auction Special Displacement Window*, Public Notice, 31 FCC Rcd 5383 (MB 2016). In order to be "displaced" for purposes of filing in the Special Displacement Window, an LPTV/translator station must: (1) Be subject to displacement by a full power or Class A television station on the repacked television band (channels 2–36) as a result of the incentive auction and repacking process; (2) be licensed on frequencies repurposed for new, flexible use by a 600 MHz Band wireless licensee (channels 38–51); or (3) be licensed on frequencies that will serve as part of the 600 MHz Band guard bands (which includes the duplex gap).

During the Special Displacement Window, all of the requirements of the current displacement rules will continue to apply (e.g., required interference showing and limits on transmitter moves), except for the requirement that displacement applications be submitted only after the primary full power or Class A station obtains a construction permit or license. Eligible digital stations may propose a change in transmitter site of not more than 48 kilometers from the reference coordinates of the existing station's community of license. Eligible analog stations may propose a change in antenna location of not more than 16.1 kilometers. In addition, eligible stations may apply only for a channel that continues to be allocated to broadcast television service (i.e., channels 2–36), and not for channels that have been repurposed for the new, flexible 600 MHz Band for wireless services or reserved for the 600 MHz guard band and duplex gap (i.e., former television channels 38–51).

In order to ensure that as many potential channels as possible are available for operating LPTV/translator stations that are subject to displacement, we will permit stations to file displacement applications proposing pre-auction channels in the repacked television band (channels 2–36) that full power and Class A stations will relinquish as a result of the incentive auction and repacking process. This includes channels that were voluntarily relinquished by License Relinquishment Stations, Channel Sharing Stations, and Band Changing Stations as well as the pre-auction channels of Reassigned Stations. Applicants proposing such channels must include a request to waive the contingent application rule. The Media Bureau expects to view favorably requests to waive the contingent application rule filed by operating LPTV/translator stations that are subject to displacement if the station demonstrates that the requested channel is necessary to allow the station to continue to serve its current viewers. In addition, in order to comply with Section 73.3700(g)(2), the station must agree to a condition that it will not begin transmitting on the requested channel prior to discontinuation of operation by the full power or Class A station that is currently licensed to use that channel. If a conditional grant would require an LPTV/translator station to be silent for a consecutive 12-month period prior to discontinuation of operation by the full power or Class A station, the Media Bureau will consider a request for extension or

reinstatement pursuant to Section 312(g) of the Communications Act and a request for waiver of the applicable Commission rule.

*Lifting of Displacement Application Filing Freeze.* To facilitate filing in the Special Displacement Window, the current freeze on the filing of displacement applications will be lifted on April 10, 2018, solely for the purposes of accepting applications by eligible stations during the Special Displacement Window. The displacement application filing freeze will be reinstated upon the completion of the Special Displacement Window on May 15, 2018, at 11:59 p.m. EST.

Displaced LPTV/translator stations that do not qualify for the Special Displacement Window (*e.g.*, permittees that were not operating as of the Closing and Channel Reassignment Public Notice), and stations that are eligible but do not file during the Special Displacement Window are reminded that they must wait until the freeze is lifted to submit a displacement application. In addition, stations are reminded that minor change filings and digital companion channel applications also remain frozen. The Media Bureau will announce a lifting of these three freezes in one or more subsequent public notices following the completion of the Special Displacement Window.

*Applications for DTDRTs.* Beginning April 10, 2018, eligible full power television stations may file applications for DTDRTs. Applications will continue to be accepted until July 13, 2021 (one year after completion of the post-incentive auction transition period). Additional information about eligibility and filing procedures for DTDRTs is contained in the May 2017 LPTV Procedures Public Notice.

## Appendix A

### Data To Assist LPTV/Translator Stations in Identifying Potential New Channels Prior to the Special Displacement Window

#### I. Introduction

This appendix describes the maps and data (collectively, “Channel Study”) released in conjunction with this Public Notice. As previously indicated, the Channel Study provides location and channel availability information to assist eligible low power television (“LPTV”) stations, TV translator stations, and analog-to-digital replacement translators (“DRT”) (referred collectively as “LPTV/translator stations”) in identifying potential new channels in the repacked TV bands, consistent with the Commission’s direction in *Rules for Digital Low Power Television and Television Translator Stations*, MB Docket No. 03–185, Third Report and Order and Fourth Notice of Proposed Rulemaking, 30 FCC Rcd 14927, 14946–47, paras. 40–42 (2015). The data is

available at <https://data.fcc.gov/download/incentive-auctions/LPTV-Data>.

The Channel Study includes detailed information on a 2 x 2 km cell level about locations and channels that are likely not available for LPTV/translator station displacement facilities because of the presence of full power and Class A television stations, non-displaced LPTV/translator stations and permittees, or land mobile operations. The Channel Study also includes maps available in Tableau files to provide LPTV/translator stations a method to visually identify locations and channels that are likely unavailable as displaced channels. Both the maps and the detailed 2 x 2 km cell-level information should allow LPTV/translator stations to narrow their search options to the most viable locations and channels.

The Channel Study is based on the assumptions detailed in this appendix. Eligible displaced LPTV/translator stations must also conduct their own interference analysis using TVStudy prior to submitting displacement applications during the Special Displacement Window.

#### II. Overview of Study Process and Assumptions

##### a. Overview

The Channel Study examined potential interference caused by LPTV/translator stations to full power or Class A stations and interference received by LPTV/translator stations from full power and Class A stations. For each full power, Class A and LPTV/translator station, the Incentive Auction Task Force and Media Bureau (referred to collectively as “we”) determine the station’s current interference-free population and then determined how much interference it caused and how much interference it received from each other station using two post auction scenarios—one scenario utilizing the most recent universe of granted applications and the second scenario utilizing the most recent universe of both pending and granted applications.

##### b. Compiling the List of Stations

Compiling a complete list of stations and permittees was a necessary first step in developing the Channel Study. On January 17, 2018 (the “pull date”), we pulled a station list from the Commission’s Licensing and Management System (LMS) that included the following categories of stations:

- All licensed full-power and Class A stations that existed prior to the auction;
- all LPTV/translator licensees and permittees (including DRTs, digital companion channels, permittees whose status is currently “CP Off Air,” and the set of LPTVs which have already been displaced as a result of the auction); and
- all Mexican and Canadian stations.

More specifically, we included all Canadian and Mexican stations in the border regions that were protected during the incentive auction. This approach is consistent with what was done during the incentive auction, however, the data set also includes additional Mexican allotments which need to be protected after the auction.

##### c. Calculating Interference

We entered the compiled list of stations into TVStudy to calculate the interference-free populations for all LPTV/translator stations to create a baseline, using the methodology described in OET Bulletin 69 (OET–69) and at a 2 x 2 km cell level of granularity consistent with the repacking software used in connection with the incentive auction. We then used TVStudy to run pairwise studies to determine whether two TV stations on either the same channel or on an adjacent channel within the same region would create new pairwise interference greater than 0.5% between the two stations.

In order for a displaced LPTV/translator station to receive the most complete picture of likely channel availability, two separate sets of data were generated. The first set of data used the parameters from the most recent universe of granted construction permits or licenses. This set will inform LPTV/translator stations of the required protections for full power and Class A stations as of the pull date. The following parameters were used to create this first set of data:

- The operating parameters from the most recent granted construction permits for any full power, Class A and LPTV/translator station as of the pull date;
- the post-auction baseline parameters for full power and Class A stations that did not have a granted construction permit since the close of the auction;
- the licensed operating parameters of LPTV/translator stations that did not have a granted construction permit since the close of the auction; and
- the protected parameters of Canadian and Mexican stations (including Mexican auction allotments).

Note that in addition to granted construction permits and licensed operating facilities included in this first set, we also included a small number of pending minor modifications for LPTV/translator stations in this first set. These pending minor modifications are likely either awaiting international coordination or were otherwise filed prior to the December 20, 2017 freeze on LPTV/translator minor modifications and, in either case, will require protection from applications filed in the Special Displacement Window. *See Media Bureau Freezes the Filing of Minor Change Applications for LPTV/Translator Stations, Public Notice, DA 17–1227* (rel. Dec. 20, 2017).

The second set of data used the operating parameters from the most recent universe of both granted and pending applications for any station that has an application still under consideration as of the pull date. This set will inform LPTV/translator stations of the pending operating parameters that may be granted by the Commission. Even if a full power or Class A application is still pending when a displacement application is considered, it must nevertheless be protected from interference, as must any pending LPTV/translator minor modification application filed before December 20, 2017. The following parameters were used in this second set of data:

- The operating parameters from the most recent pending construction permits for any full power, Class A, and LPTV/translator stations (including LPTV/translator stations that have already been displaced as a result of the incentive auction) as of the pull date;

- the operating parameters from the most recent granted construction permit for any full power, Class A, and LPTV/translator station that did not have a pending construction permit as of the pull date;
- the post-auction baseline parameters for full power and Class A stations that did not have a pending or granted construction permit since the close of the auction;
- the licensed operating parameters of LPTV/translator stations that did not have a pending or granted construction permit since the close of the auction; and
- the protected parameters of Canadian and Mexican stations (including Mexican auction allotments).

We had to make one minor correction to the set of stations included in the pending and granted applications study. WWDT-CD (facility ID: 58261) was accidentally not included in the data used by TVStudy to create this scenario. To provide a more accurate picture for this study, WWDT-CD's interference-free service area was added manually into the data used to create the Tableau maps. WWDT-CD was, however, correctly included in the study that considered only granted applications.

The results of these pairwise studies indicate, for each 2 x 2 km cell, whether the LPTV/translator station causes interference to a full power or Class A station or whether the LPTV/translator station receives interference from a full power or Class A station. If the LPTV/translator station was predicted to cause more than 0.5% new interference to the interference-free population of a full power or Class A station, it is considered displaced in the Channel Study due to interference caused. In addition, by aggregating the pairwise studies, the resulting output shows whether a LPTV/translator station receives in aggregate more than 2% new interference to its interference-free population from any combination of repacked full power and Class A stations. Any station that receives more than 2% new interference in aggregate but does not cause more than 0.5% interference will be considered displaced in the Channel Study due to interference received. We used the 2% threshold as a conservative measurement of displacement based on the pairwise protections that LPTV/translator stations owe other LPTV/translator stations.

LPTV/translator stations that are marked as displaced, either because they cause or receive more than the stated threshold amount of interference, may not in fact be displaced because LPTV/translator stations have the option to modify their facility to eliminate such interference issues and remain on their current channel. Nevertheless, for purposes of the Channel Study, we mark these stations as being potentially displaced so that other LPTV/translator stations will be aware of this fact. Also, LPTV/translator stations that currently broadcast on channels (38–51) are automatically displaced because they are in

the new 600 MHz band for mobile broadband service and are not included in the interference studies underlying the Channel Study.

This data was then aggregated by point (*i.e.*, each 2 x 2 km cell) for each channel. Any point that exists in an interference-free service area (“service area”) for a given channel is categorized using the first valid condition from the following list:

- Protected due to land mobile or off shore radio;
- within a full power or Class A station's service area;
- within an LPTV/translator station's service area where that station does not cause more than 0.5% interference to a full power or Class A station or receive more the 2% aggregate interference;
- within an LPTV/translator station's service area where that station receives more the 2% aggregate interference; or
- within an LPTV/translator station's service area where that station causes more than 0.5% interference to a full power or Class A station.

Note that for purposes of generating the Channel Study, we continued to use the same distance-based protections that were used in the incentive auction. *See Incentive Auction Task Force Releases Information Related to Incentive Auction Repacking*, ET Docket No. 13–26, GN Docket No. 12–268, Public Notice, 28 FCC Rcd 10370, 10407–10 (2013). This conservative approach was adopted for ease of use, but displaced LPTV/translator stations can still make a technical showing to demonstrate that they can operate on these excluded channels and locations.

Points are categorized in this way to show areas likely to be unable to accommodate a displaced LPTV/translator station. Land mobile, full power and Class A stations, and LPTV/translator stations not causing or receiving interference are unlikely to modify their facilities and their current service areas are unlikely to be able to accommodate a displaced LPTV/translator station. LPTV/translator stations that are receiving interference may accept the interference and continue to broadcast or make modifications to mitigate the interference, or, if they cannot tolerate or eliminate the interference, they may file for a new channel in the Special Displacement Window. LPTV/translator stations causing interference must make modifications to mitigate the interference or file for a new channel in the Special Displacement Window.

### III. Description of Maps and CSV Data Files

#### a. Maps Overview

We provide four types of maps as visual tools to assist LPTV/translator stations in identifying available channels in their service area. All visualizations are Tableau workbooks that can be viewed using the free Tableau Reader (available here <https://www.tableau.com/products/reader>).

The first and second workbooks show the locations and channels currently in the service area of full power, Class A, non-displaced LPTV/translator, or land mobile operations, and are therefore likely not available to displaced LPTV/translator stations. The third and fourth workbook

show which LPTV/translator stations that remain in the TV band are displaced either as a result of causing or receiving interference. The four visualizations are identified in the bullets below and described in more detail in the following subsections.

- *Protected Points by Channel—Granted*: These maps provide a visual representation of granted construction permits or licensed stations, as described in detail in Section II.c, paragraph 6, to identify locations and channels that are potentially not available for displaced LPTV/translator stations.

- *Protected Points by Channel—Pending and Granted*: These maps provide a visual representation of pending construction permits, granted construction permits, or licensed stations, as described in detail in Section II.c, paragraph 7, to identify locations and channels that are potentially not available for displaced LPTV/translator stations.

- *Potentially Displaced LPTV Stations Map—Granted*: These maps provide a visual representation of granted construction permits or licensed stations, as described in detail in Section II.c, paragraph 6 (except those stations in the new 600 MHz band—*i.e.*, channels 38–51—which are automatically displaced), to identify LPTV/translator stations that are potentially displaced.

- *Potentially Displaced LPTV Stations Map—Pending and Granted*: These maps provide a visual representation of pending construction permits, granted construction permits, or licensed stations, as described in detail in Section II.c, paragraph 7 (except those stations in the new 600 MHz band—*i.e.*, channels 38–51—which are automatically displaced), to identify LPTV/translator stations that are potentially displaced.

#### b. Protected Points by Channel Maps

The two Protected Points by Channel visualizations display color coded maps. The colors identified below signify the existence of certain services in an area. Points that do not fall within any relevant service's or station's service area are not colored. Examples of these visualizations are provided in Figure 1 and Figure 2 below, and comprehensive information is available in the CSV files discussed below and posted online.

- Green denotes an area protected due to land mobile or off shore radio.
- Blue denotes an area within a full power or Class A station's service area.
- Light blue denotes an area within an LPTV/translator station's service area where that station does not cause more than 0.5% new interference to a full power or Class A station or receive more the 2% new aggregate interference.
- Orange denotes an area within an LPTV/translator station's service area where that station receives more than 2% new aggregate interference.
- Red denotes an area within an LPTV/translator station's service area where that station causes more than 0.5% interference to a full power or Class A station.

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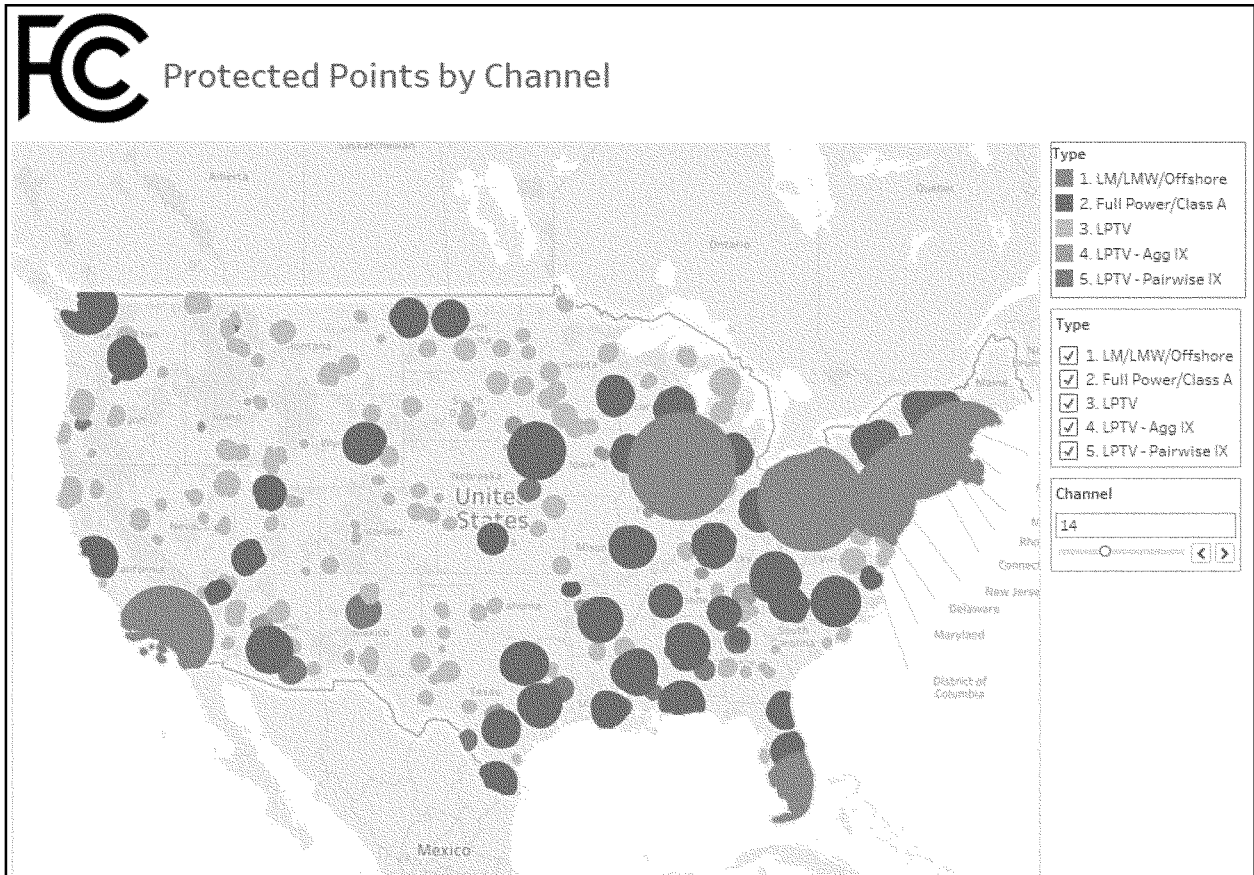


Figure 1: From Protected Points by Channel – Granted Workbook: Protected Service Areas for Channel 14

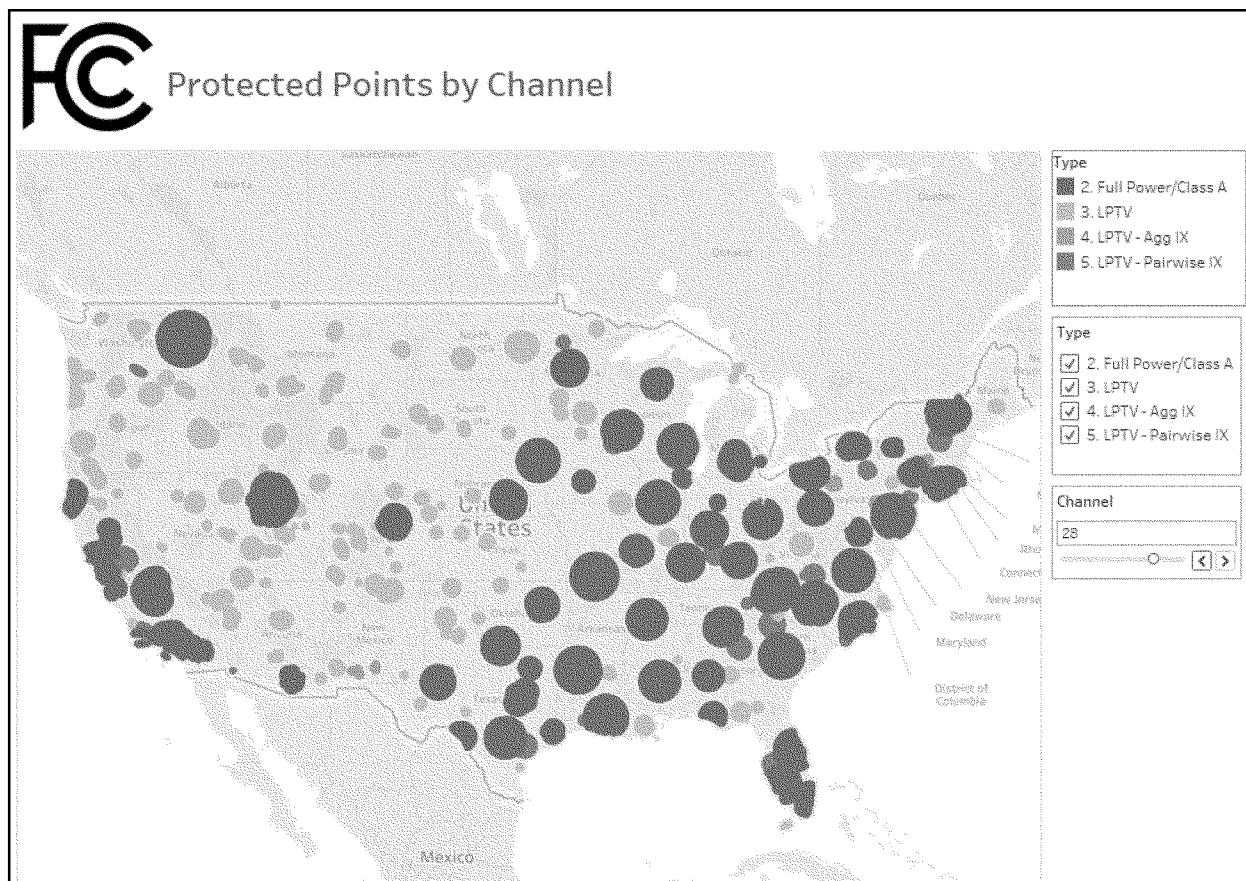


Figure 2: From Protected Points by Channel – Granted Workbook: Protected Service Areas for Channel 28

As noted above, there are two Tableau workbooks for each visualization. One workbook reflects the data set using the service area parameters from the most recently granted construction permits or licenses of full or Class A TV stations as of the pull date and the second workbook reflects the data set using the service area parameters from pending construction permits as of the pull date.

*c. Potentially Displaced LPTV Stations Maps*

The two Potentially Displaced LPTV Station Map visualizations show LPTV/translator stations that are potentially displaced because they cause new pairwise interference greater than 0.5% to a full power or Class A station or because they receive aggregate new interference greater than 2%. The 2% parameter is a default used in the data but it can be changed using a filter next

to the map. Using the lasso tool within Tableau, the user can select a geographic region to generate a table containing the pairwise and aggregate interference data, and also view the interference free service area of individual LPTV stations to see the impact of new interference. Examples of the visualizations available are provided in Figure 3 through Figure 6 below and comprehensive information is available in the data provided online.

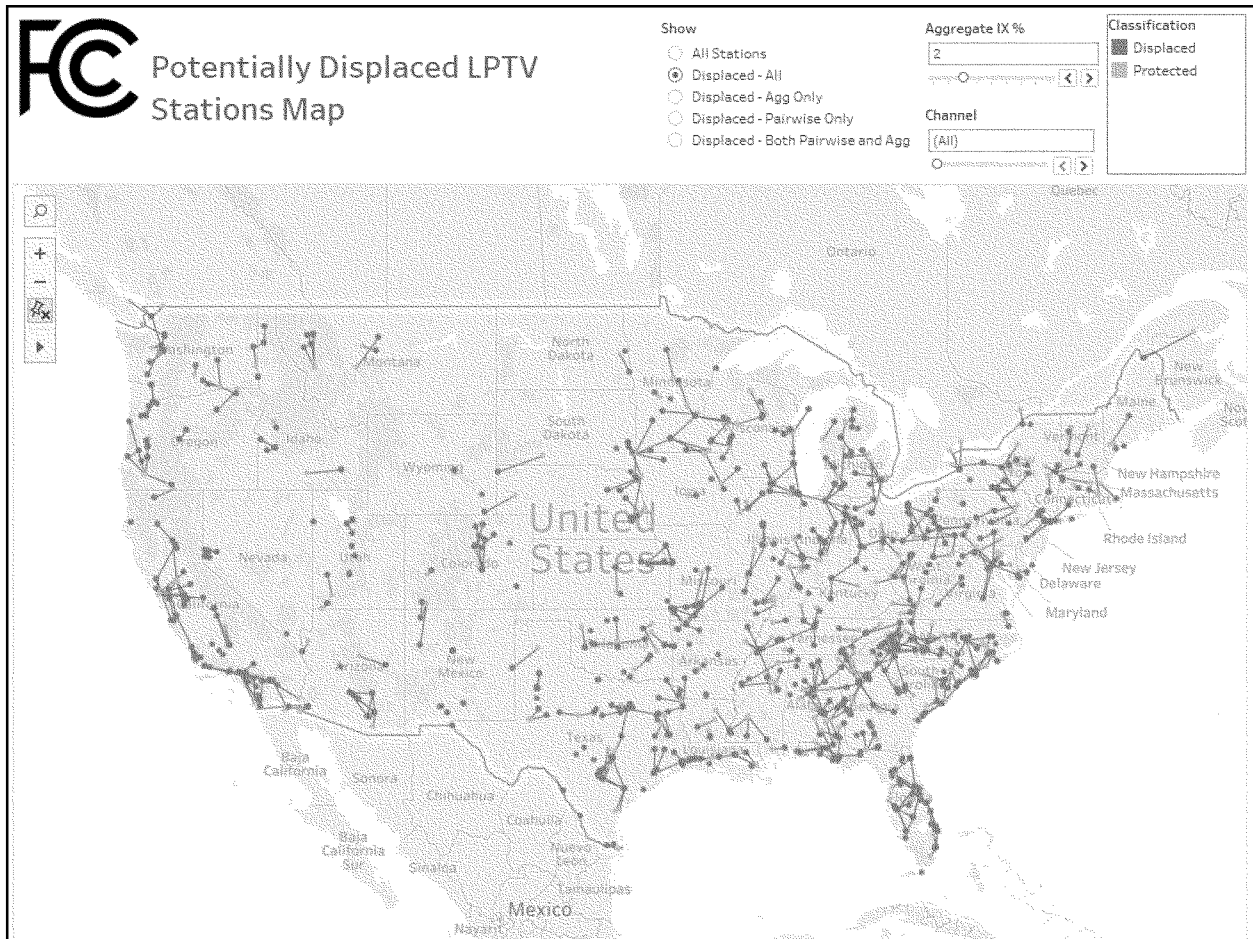


Figure 3: From Potentially Displaced LPTV Stations – Granted Workbook: LPTV stations displaced by causing new pairwise interference or receiving new aggregate interference. For pairwise-displaced stations, a line is drawn between the displaced LPTV station and the full power or Class A station (marked as “Protected” stations in the map shown above) receiving the pairwise interference.

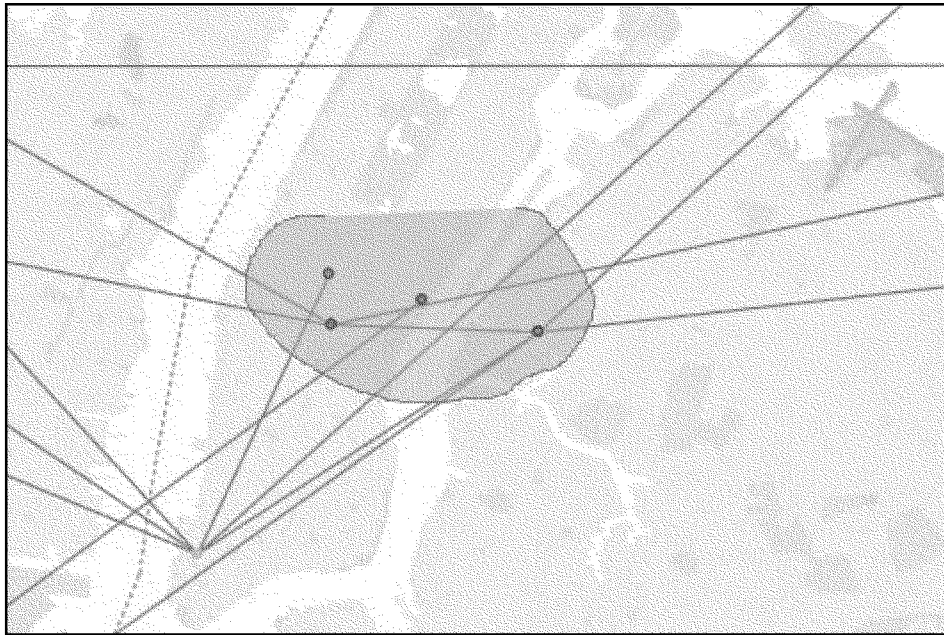


Figure 4: From Potentially Displaced LPTV Stations – Granted Workbook: Data captured by the lasso tool.

Back to Map

Selected Data

Data Type	Fac Id	Call Sign	Protected	Agg IX Pct	IX Pct	Displaced	Pairwise Di..	Agg Displac..
Stations	29231	WXNY-LD	False	24.0799	0	True	True	True
	29233	WNXY-LD	False	0	0	True	True	False
	29236	WNYX-LD	False	92.87844	0	True	True	True
	38945	WYXN-LD	False	94.99321	0	True	True	True
	51441	WKOB-LD	False	0	0	True	True	False
	56043	WNYZ-LP	False	0	0	True	True	False
	74502	W20EF-D	False	2.85783	0	True	False	True
	167320	WASA-LD	False	88.56539	0	True	True	True
IX Pairs	29231 -> 38336	WXNY-LD -> WLIW	False	24.0799	59.46762	True	True	False
	29233 -> 74109	WNXY-LD -> WTNH	False	0	0.55761	True	True	False
	29236 -> 73333	WNYX-LD -> WNJU	False	92.87844	3.86069	True	True	False
	38945 -> 60555	WYXN-LD -> WFUT-DT	False	94.99321	1.0955	True	True	False
	49882 -> 60555	W26DC-D -> WFUT-DT	False	78.92273	3.44377	True	True	False
	51441 -> 1263	WKOB-LD -> KJWP	False	0	11.42278	True	True	False
	56043 -> 8616	WNYZ-LP -> WPVI-TV	False	0	1.12557	True	True	False
	127813 -> 168..	W22EW-D -> WDV8-CD	False	82.46544	1.43606	True	True	False
	127912 -> 605..	W26DB-D -> WFUT-DT	False	26.38886	0.82708	True	True	False
	167320 -> 741..	WASA-LD -> WWOR-TV	False	88.56539	77.12527	True	True	False

Figure 5: From Potentially Displaced LPTV Stations – Granted Workbook: Table containing data captured by the lasso tool in Figure 4.



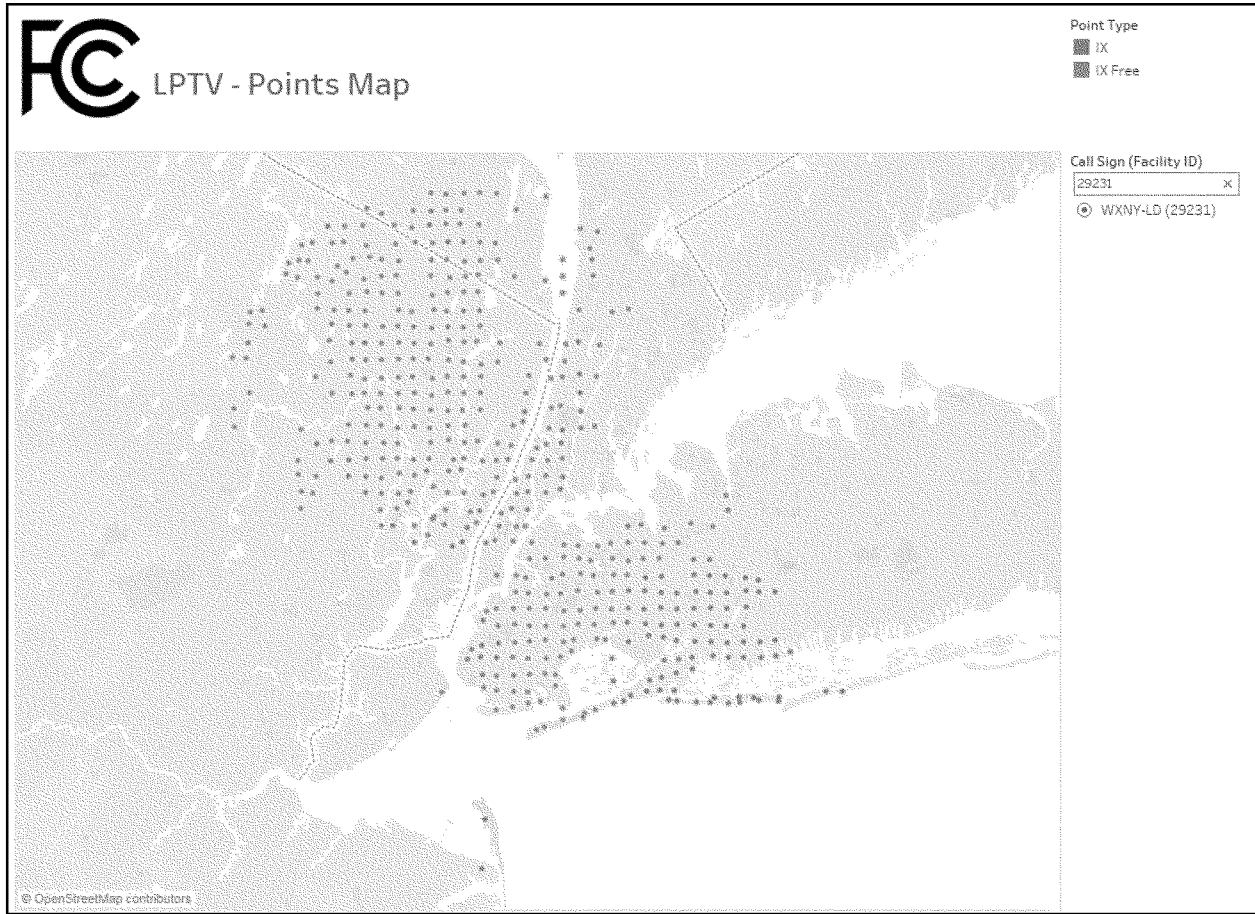


Figure 6: From Potentially Displaced LPTV Stations – Granted Workbook: Example of view of a single LPTV station’s service area.

**BILLING CODE 6712-01-C**

*d. CSV Data Files*

The online Channel Study includes three zip files. The first zip file contains the three CSV files unique to the granted applications study. The second zip file contains the three CSV files unique to the pending and granted applications study. The third zip file contains the two CSV files common to both

studies. The CSV files contained in these three zip files were used to generate the Tableau maps. Each study contains a CSV file, *lptv\_aggregated.csv*, which is the aggregated 2 x 2 km point data as categorized above, and forms the basis for the Tableau maps. The other two CSV files combined with the common two CSV files contain the underlying point data for each LPTV/translator station used to generate the

aggregated data. These are provided in comma separated value format and are available to users to generate their own study scenario or to replicate our analysis.

The following three files (detailed in Tables 1–3 below) are in the zip file unique to each study. The *lptv\_aggregated.csv* file identifies, for each channel, any point that falls within a service area. The file contains the fields listed in Table 1 below:

TABLE 1—DATA DICTIONARY FOR LPTV\_AGGREGATED.CSV

Field	Description	Type	Sample
Pointkey .....	The unique identification for a 2 x 2 grid cell determined by <i>TVStudy</i> .	Integer .....	<i>e.g.</i> , 62592057.
Channel .....	The channel number assigned to the station of the protection category indicated by the “type” field.	Integer .....	<i>e.g.</i> , 29.
Type .....	The classification of service for that point according to the priorities listed above.	String .....	Types will be one of the following: <ul style="list-style-type: none"> <li>• LM/LMW/Offshore.</li> <li>• FP/CA.</li> <li>• LPTV.</li> <li>• LPTV—Agg IX.</li> <li>• LPTV—Pairwise IX.</li> </ul>

The stations\_points.csv file identifies the interference-free points for each station on the station's assigned channel in the study.

These points establish the total interference-free population for a given station and also the possible locations for interference to that

station. The file contains the fields listed in Table 2 below:

TABLE 2—DATA DICTIONARY FOR STATIONS\_POINTS.CSV

Field	Description	Type	Sample
Facility_id .....	The unique facility ID assigned to the station	Integer .....	e.g., 52887.
Channel_id .....	The channel number assigned to the station	Integer .....	e.g., 29.
Pointkey .....	The unique ID of each 2 x 2 km cell .....	Integer .....	e.g., 62592057.

The ix\_paired.csv file identifies interference between any two stations (LPTV/

translator stations and full power/Class A stations) according to TVStudy at a given

point. The file contains the following fields listed in Table 3 below:

TABLE 3—DATA DICTIONARY FOR IX\_PAURED.CSV

Field	Description	Type	Sample
Facility_id .....	The unique facility ID assigned to the station receiving interference.	Integer .....	e.g., 52887.
Channel_id .....	The channel number assigned to the station receiving interference.	Integer .....	e.g., 29.
ix_facility_id .....	The unique facility ID assigned to the station causing interference.	Integer .....	e.g., 53442
ix_channel_id .....	The channel number assigned to the station causing interference.	Integer .....	e.g., 35.
Pointkey .....	The unique ID of the 2 x 2 km cell .....	Integer .....	e.g., 62592057.

The following two files (detailed in Tables 4–5 below) are in the other zip file and are common to both runs. The lm\_points.csv file

identifies points that must be protected on a specific channel due to land mobile, land mobile waivers, and off shore radio (LM/

LMW/OSR). The file contains the fields listed in Table 4 below:

TABLE 4—DATA DICTIONARY FOR LM\_POINTS.CSV

Field	Description	Type	Sample
Facility_id .....	The unique facility ID assigned to the LM/LMW/OSR station.	Integer .....	e.g., 52887. Note: facility_id 999999 is used for off shore radio.
Channel_id .....	The channel number assigned to the LM/LMW/OSR station.	Integer .....	e.g., 29.
Pointkey .....	The unique ID of each 2 x 2 km cell .....	Integer .....	e.g., 62592057.

The pointkeys.csv file identifies the characteristics associated with each point, specifically latitude, longitude, country and

population. The file contains the fields listed in Table 5 below:

TABLE 5—DATA DICTIONARY FOR POINTKEYS.CSV

Field	Description	Type	Sample
Pointkey .....	The unique ID of each 2 x 2 km cell .....	Integer .....	e.g., 62592057.
Latitude .....	The latitude coordinate of the 2 x 2 km point	Decimal .....	e.g., 28.586667.
Longitude .....	The longitude coordinate of the 2 x 2 km point.	Decimal .....	e.g., -81.082778.
Country .....	The country where the 2 x 2 km point is located.	String .....	One of the following: • US • CA • MX.
Population .....	The population of the 2 x 2 km cell .....	Integer .....	e.g., 586.

*e. TVStudy Scenarios*

We are also making available on the website a zip file that contains the three TVStudy XML scenarios used to generate the interference data used in the Channel Study. The first scenario, "180124-Pre.xml", was used to generate the interference-free service

areas of LPTV/translator stations on their current channels. The second scenario, "180124-PostG.xml", was used to calculate the interference to/from LPTV/translator stations in the granted applications study. The third scenario, "180124-PostP.xml", was used to calculate interference to/from LPTV/

translator stations in the pending and granted applications study. These studies were run using the Interference Check template included with TVStudy 2.2.4. The output of these three TVStudy scenarios was combined into the data tables described in III.d. above.

Federal Communications Commission.

**Barbara Kreisman,**

*Chief, Video Division, Media Bureau.*

[FR Doc. 2018-03732 Filed 2-22-18; 8:45 am]

**BILLING CODE 6712-01-P**

## FEDERAL MARITIME COMMISSION

### Notice of Agreements Filed

The Commission hereby gives notice of the filing of the following agreements under the Shipping Act of 1984. Interested parties may submit comments on the agreements to the Secretary, Federal Maritime Commission, Washington, DC 20573, within twelve days of the date this notice appears in the **Federal Register**. Copies of the agreements are available through the Commission's website ([www.fmc.gov](http://www.fmc.gov)) or by contacting the Office of Agreements at (202)-523-5793 or [tradeanalysis@fmc.gov](mailto:tradeanalysis@fmc.gov).

*Agreement No.:* 012447-001.

*Title:* THE Alliance/Zim MED-USEC Slot Exchange Agreement.

*Parties:* Hapag-Lloyd AG; Kawasaki Kisen Kaisha, Ltd.; Mitsui O.S.K. Lines, Ltd.; Nippon Yusen Kaisha; Yang Ming Marine Transport Corporation; Yang Ming (UK) Ltd.; and Zim Integrated Shipping Services Ltd.

*Filing Party:* Joshua Stein; Cozen O'Connor; 1200 Nineteenth Street NW, Washington, DC 20036.

*Synopsis:* The amendment revises the Agreement to provide for the transition that will occur following the combination of the container liner operations of Kawasaki Kisen Kaisha, Ltd.; Mitsui O.S.K. Lines, Ltd.; and Nippon Yusen Kaisha into a new company known as Ocean Network Express Pte. Ltd. effective April 1, 2018. Ocean Network Express Pte. Ltd. is added as a party. In addition, the amendment adds Yang Ming (UK) Ltd. as a party (operating as a single party with Yang Ming Marine Transport Corp.).

*Agreement No.:* 012488-001.

*Title:* THE Alliance/OOCL Vessel Sharing Agreement.

*Parties:* Hapag-Lloyd AG; Kawasaki Kisen Kaisha, Ltd.; Mitsui O.S.K. Lines, Ltd.; Nippon Yusen Kaisha; Yang Ming Marine Transport Corporation; Yang Ming (UK) Ltd.; and Orient Overseas Container Line Limited.

*Filing Party:* Joshua Stein; Cozen O'Connor; 1200 Nineteenth Street NW, Washington, DC 20036.

*Synopsis:* The amendment revises the Agreement to provide for the transition that will occur following the combination of the container liner

operations of Kawasaki Kisen Kaisha, Ltd.; Mitsui O.S.K. Lines, Ltd.; and Nippon Yusen Kaisha into a new company known as Ocean Network Express Pte. Ltd. effective April 1, 2018. Ocean Network Express Pte. Ltd. is added as a party. In addition, the amendment adds Yang Ming (UK) Ltd. as a party (operating as a single party with Yang Ming Marine Transport Corp.).

*Agreement No.:* 201240.

*Title:* Husky—Ports America Washington Marine Terminal Cooperative Working Agreement.

*Parties:* Ports America Washington, Inc. and Husky Terminal and Stevedoring, Inc.

*Filing Party:* Eric Lee; Holland & Knight LLP; 800 17th Street NW, Suite 1100, Washington, DC 20006.

*Synopsis:* The Agreement authorizes the parties to (1) establish and maintain terminal rates, service charges and fees, rules, and practices related to their operations at terminals owned and operated by them at the Port of Tacoma, and (2) meet, discuss, exchange information and data, and agree on issues regarding their respective operations, facilities, and services at the Port.

*Agreement No.:* 201241.

*Title:* Tacoma Marine Terminal Operator Conference Agreement.

*Parties:* Husky Terminal and Stevedoring, Inc. and Washington United Terminals, Inc.

*Filing Party:* Eric Lee; Holland & Knight LLP; 800 17th Street NW, Suite 1100, Washington, DC 20006.

*Synopsis:* The Agreement authorizes the parties to establish and maintain rates, charges, schedules, classifications, regulations, rules, and practices related to operations, facilities, and services at marine terminals owned or operated by the parties at the Port of Tacoma.

*Agreement No.:* 201242.

*Title:* Tacoma Marine Terminal Operator Cooperative Working Agreement.

*Parties:* Husky Terminal and Stevedoring, Inc. and Washington United Terminals, Inc.

*Filing Party:* Eric Lee; Holland & Knight LLP; 800 17th Street NW, Suite 1100, Washington, DC 20006.

*Synopsis:* The Agreement authorizes the parties to discuss and agree on various operational issues at facilities in the Port of Tacoma.

Dated: February 20, 2018.

**Rachel E. Dickon,**

*Secretary.*

[FR Doc. 2018-03750 Filed 2-22-18; 8:45 am]

**BILLING CODE 6731-AA-P**

## FEDERAL RESERVE SYSTEM

### Formations of, Acquisitions by, and Mergers of Bank Holding Companies

The companies listed in this notice have applied to the Board for approval, pursuant to the Bank Holding Company Act of 1956 (12 U.S.C. 1841 *et seq.*) (BHC Act), Regulation Y (12 CFR part 225), and all other applicable statutes and regulations to become a bank holding company and/or to acquire the assets or the ownership of, control of, or the power to vote shares of a bank or bank holding company and all of the banks and nonbanking companies owned by the bank holding company, including the companies listed below.

The applications listed below, as well as other related filings required by the Board, are available for immediate inspection at the Federal Reserve Bank indicated. The applications will also be available for inspection at the offices of the Board of Governors. Interested persons may express their views in writing on the standards enumerated in the BHC Act (12 U.S.C. 1842(c)). If the proposal also involves the acquisition of a nonbanking company, the review also includes whether the acquisition of the nonbanking company complies with the standards in section 4 of the BHC Act (12 U.S.C. 1843). Unless otherwise noted, nonbanking activities will be conducted throughout the United States.

Unless otherwise noted, comments regarding each of these applications must be received at the Reserve Bank indicated or the offices of the Board of Governors not later than March 19, 2018.

*A. Federal Reserve Bank of San Francisco* (Gerald C. Tsai, Director, Applications and Enforcement) 101 Market Street, San Francisco, California 94105-1579:

1. *TriCo Bancshares, Chico, California;* to acquire and merge with FNB Bancorp, and thereby indirectly acquire First National Bank of Northern California, both of South San Francisco, California.

Board of Governors of the Federal Reserve System, February 16, 2018.

**Ann Misback,**

*Secretary of the Board.*

[FR Doc. 2018-03684 Filed 2-22-18; 8:45 am]

**BILLING CODE P**