

# EXHIBIT 20

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

**Form 10-K**

**(Mark One)**

**ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

**FOR THE FISCAL YEAR ENDED DECEMBER 31, 2022**

**OR**

**TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

**FOR THE TRANSITION PERIOD FROM \_\_\_\_\_ TO \_\_\_\_\_.**

**Commission file number: 001-39144**

**DISH Network Corporation**

(Exact name of registrant as specified in its charter)

**Nevada**

(State or other jurisdiction of incorporation or organization)

**88-0336997**

(I.R.S. Employer Identification No.)

**9601 South Meridian Boulevard**

**Englewood, Colorado**

(Address of principal executive offices)

**80112**

(Zip Code)

Registrant's telephone number, including area code: **(303) 723-1000**

Securities registered pursuant to Section 12(b) of the Act:

<b>Title of each class</b>	<b>Trading Symbol(s)</b>	<b>Name of each exchange on which registered</b>
Class A common stock, \$0.01 par value	DISH	The Nasdaq Stock Market L.L.C.

Securities registered pursuant to Section 12(g) of the Act: **None**

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes  No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes  No

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes  No

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes  No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer

Accelerated filer

Non-accelerated filer

Smaller reporting company

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant has filed a report on and attestation to its management's assessment of the effectiveness of its internal control over financial reporting under Section 404(b) of the Sarbanes-Oxley Act (15 U.S.C. 7262(b)) by the registered public accounting firm that prepared or issued its audit report.

If securities are registered pursuant to Section 12(b) of the Act, indicate by check mark whether the financial statements of the registrant included in the filing reflect the correction of an error to previously issued financial statements.

Indicate by check mark whether any of those error corrections are restatements that required a recovery analysis of incentive-based compensation received by any of the registrant's executive officers during the relevant recovery period pursuant to §240.10D-1(b).

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act). Yes  No

As of June 30, 2022, the aggregate market value of Class A common stock held by non-affiliates of the registrant was \$4.7 billion based upon the closing price of the Class A common stock as reported on the Nasdaq Global Select Market as of the close of business on the last trading day of the month.

As of February 14, 2023, the registrant's outstanding common stock consisted of 292,716,859 shares of Class A common stock and 238,435,208 shares of Class B common stock, each \$0.01 par value.

**DOCUMENTS INCORPORATED BY REFERENCE**

The following documents are incorporated into this Form 10-K by reference:

Portions of the registrant's definitive Proxy Statement to be filed in connection with its 2023 Annual Meeting of Shareholders are incorporated by reference in Part III.

## PART I

### Item 1. BUSINESS

#### OVERVIEW

DISH Network Corporation was organized in 1995 as a corporation under the laws of the State of Nevada. We started offering the DISH® branded pay-TV service in March 1996, the SLING® branded pay-TV service in January 2015 and retail wireless services in July 2020. Our common stock is publicly traded on the Nasdaq Global Select Market under the symbol “DISH.” Our principal executive offices are located at 9601 South Meridian Boulevard, Englewood, Colorado 80112 and our telephone number is (303) 723-1000.

DISH Network Corporation is a holding company. Its subsidiaries operate two primary business segments, Pay-TV and Wireless. Our Wireless business segment operates in two business units, Retail Wireless and 5G Network Deployment.

#### *Pay-TV*

We offer pay-TV services under the DISH® brand and the SLING® brand (collectively “Pay-TV” services). The DISH branded pay-TV service consists of, among other things, Federal Communications Commission (“FCC”) licenses authorizing us to use direct broadcast satellite (“DBS”) and Fixed Satellite Service (“FSS”) spectrum, our owned and leased satellites, receiver systems, broadcast operations, a leased fiber optic network, in-home service and call center operations, and certain other assets utilized in our operations (“DISH TV”). We also design, develop and distribute receiver systems and provide digital broadcast operations, including satellite uplinking/downlinking, transmission and other services to third-party pay-TV providers. The SLING branded pay-TV services consist of, among other things, multichannel, live-linear and on-demand streaming over-the-top (“OTT”) Internet-based domestic, international and Latino video programming services (“SLING TV”). As of December 31, 2022, we had 9.750 million Pay-TV subscribers in the United States, including 7.416 million DISH TV subscribers and 2.334 million SLING TV subscribers.

#### *Wireless – Retail Wireless*

We offer nationwide prepaid and postpaid retail wireless services to subscribers primarily under our Boost Mobile, Boost Infinite and Gen Mobile brands (“Retail Wireless” services), as well as a competitive portfolio of wireless devices. Prepaid wireless subscribers generally pay in advance for monthly access to wireless talk, text, and data services. Postpaid wireless subscribers are qualified to pay after receiving wireless talk, text, and data services.

We are currently operating our Retail Wireless business unit as a mobile virtual network operator (“MVNO”) as we continue to complete our 5G Network Deployment. As an MVNO, today we depend on T-Mobile and AT&T to provide us with network services under the amended master network services agreement (“MNSA”) and Network Services Agreement (the “NSA”), respectively. Under the NSA, we expect AT&T will become our primary network services provider. As of December 31, 2022, we had 7.983 million Wireless subscribers.

#### *Wireless – 5G Network Deployment*

We have invested a total of over \$30 billion in Wireless spectrum licenses, which includes over \$10 billion in noncontrolling investments in certain entities. The \$30 billion of investments related to Wireless spectrum licenses does not include \$7 billion of capitalized interest related to the carrying value of such licenses. See Note 2 and Note 15 in the Notes to our Consolidated Financial Statements in this Annual Report on Form 10-K for further information. We plan to commercialize our Wireless spectrum licenses through the completion of the nation’s first cloud-native, Open Radio Access Network (“O-RAN”) based 5G network (our “5G Network Deployment”).

## **PAY-TV**

### ***Business Strategy – Pay-TV***

Our Pay-TV business strategy is to be the best provider of video services in the United States by providing products with the best technology, outstanding customer service, and great value. We promote our Pay-TV services by providing our subscribers with a better “price-to-value” relationship and experience than those available from other subscription television service providers. We market our SLING TV services to consumers who do not subscribe to traditional satellite and cable pay-TV services, as well as to current and recent traditional pay-TV subscribers who desire a lower cost alternative.

- *Products with the Best Technology.* We offer a wide selection of local and national HD programming and are a technology leader in our industry, offering award-winning DVRs (including our Hopper® whole-home HD DVR), multiple tuner receivers, video on demand and external hard drives. We offer several SLING TV services, including SLING Orange (our single-stream SLING domestic service), SLING Blue (our multi-stream Sling domestic service), SLING International, and SLING Latino, among others, as well as add-on extras, direct to consumer services, pay-per-view events and a cloud-based DVR service.
- *Outstanding Customer Service.* We strive to provide outstanding customer service by improving the quality of the initial installation of subscriber equipment, improving the reliability of our equipment, better educating our customers about our products and services, and resolving customer problems promptly and effectively when they arise.
- *Great Value.* We have historically been viewed as the low-cost provider in the pay-TV industry in the United States. However, today with DISH TV, we are focused on a message of Service, Value and Technology. For example, for certain new and qualifying customers, we guarantee our pricing for certain programming packages and equipment for a three-year period with a two-year commitment. We also offer a differentiated customer experience with our award-winning Hopper® platform that integrates voice control powered by Google Assistant, access to apps including Netflix, Prime Video and YouTube, and the ability to watch live, recorded and On Demand content anywhere with the DISH Anywhere mobile application. As another example, our SLING Orange service and our SLING Blue service are two of the lowest priced live-linear online streaming services in the industry.

### ***Products and Services – Pay-TV***

***DISH TV services.*** We offer a wide selection of video services under the DISH TV brand, with access to hundreds of channels depending on the level of subscription. Our standard programming packages generally include programming provided by national cable networks. We also offer programming packages that include local broadcast networks, specialty sports channels, premium movie channels and Latino and international programming. Our Latino and international programming packages allow subscribers to choose from over 300 channels in over 20 languages.

In addition, we offer our DISH TV subscribers streaming access through DISH On Demand® to thousands of movies and television shows via their TV or Internet-connected devices.

Our DISH TV subscribers also have the ability to use dishanywhere.com and our DISH Anywhere mobile applications on Internet-connected devices to view authorized content, search program listings and remotely control certain features of their DVRs. Dishanywhere.com and our DISH Anywhere mobile applications provide access to thousands of movies and television shows.

***SLING TV services.*** Our SLING TV services require an Internet connection and are available on multiple streaming-capable devices including, among others, streaming media devices, TVs, tablets, computers, game consoles and phones. We offer SLING domestic, SLING International, and SLING Latino video programming services. We offer domestic SLING TV services as a single-stream service branded SLING Orange and a multi-stream service branded SLING Blue, which includes, among other things, the ability to stream on up to three devices simultaneously. We also offer add-on extras, direct to consumer services, pay-per-view events and a cloud-based DVR service.

### ***Distribution Channels – Pay-TV***

We operate in the consumer market in the United States and use print, radio, television and Internet media, on a local and national basis to motivate potential subscribers to contact DISH TV and SLING TV, visit our websites or contact independent third party retailers. We often offer our new DISH TV subscribers certain programming at no additional charge and/or promotional pricing during a commitment period. We often offer our new SLING TV subscribers free trials and/or streaming-capable devices at no additional charge and/or promotional pricing.

While we offer receiver systems and programming through direct sales channels, a meaningful percentage of our gross new DISH TV subscriber activations are generated through independent third parties such as small retailers, direct marketing groups, local and regional consumer electronics stores, nationwide retailers, and telecommunications companies. In general, we pay these independent third parties a mix of upfront and monthly incentives to solicit orders for our services and provide customer service. We offer our SLING TV services through direct sales channels and third-party marketing agreements.

We incur significant upfront costs to provide our new DISH TV subscribers with in-home equipment, which most of our new DISH TV subscribers lease from us. We also incur significant upfront costs to install satellite dishes and receivers in the homes of our new DISH TV subscribers.

### ***Competition – Pay-TV***

Competition has intensified in recent years as the pay-TV industry has matured. We and our competitors increasingly must seek to attract a greater proportion of new subscribers from each other's existing subscriber bases rather than from first-time purchasers of pay-TV services. We face substantial competition from established pay-TV providers and broadband service providers and increasing competition from companies providing/facilitating the delivery of video content via the Internet to computers, televisions, and other streaming and mobile devices, including wireless service providers. In recent years, industry consolidation and convergence has created competitors with greater scale and multiple product/service offerings. These developments, among others, have contributed to intense and increasing competition, and we expect such competition to continue.

We incur significant costs to retain our existing DISH TV subscribers, generally as a result of upgrading their equipment to next generation receivers, primarily including our Hopper® receivers, and by providing retention credits. Our DISH TV subscriber retention costs may vary significantly from period to period.

Many of our competitors have been especially aggressive by offering discounted programming and services for both new and existing subscribers, including, but not limited to, bundled offers combining broadband, video and/or wireless services and other promotional offers. Certain competitors have been able to subsidize the price of video services with the price of broadband and/or wireless services.

Our Pay-TV services also face increased competition from programmers and other companies who distribute video directly to consumers over the Internet, as well as traditional satellite television providers, cable companies and large telecommunications companies that are increasing their Internet-based video offerings. We also face competition from providers of video content, many of which are providers of our programming content, that distribute content over the Internet including services with live-linear television programming, as well as single programmer offerings and offerings of large libraries of on-demand content, including in certain cases original content. These product offerings include, but are not limited to, Netflix, Hulu, Apple+, Prime Video, YouTube TV, Disney+, ESPN+, Paramount+, HBO Max, STARZ, Peacock, Philo and Tubi.

Significant changes in consumer behavior regarding the means by which consumers obtain video entertainment and information in response to digital media competition could have a material adverse effect on our business, results of operations and financial condition or otherwise disrupt our business. In particular, consumers have shown increased interest in viewing certain video programming in any place, at any time and/or on any broadband or Internet-connected device they choose. Online content providers may cause our subscribers to disconnect our DISH TV services (“cord cutting”), downgrade to smaller, less expensive programming packages (“cord shaving”) or elect to purchase through these online content providers a certain portion of the services that they would have historically purchased from us.

Mergers and acquisitions, joint ventures and alliances among cable television providers, telecommunications companies, programming providers and others may result in, among other things, greater scale and financial leverage and increase the availability of offerings from providers capable of bundling video, broadband and/or wireless services in competition with our services and may exacerbate the risks described in our public filings. These transactions may affect us adversely by, among other things, making it more difficult for us to obtain access to certain programming networks on nondiscriminatory and fair terms, or at all.

For further information see “*Item 1A – Risk Factors – Competition and Economic Risks – We face intense and increasing competition from providers of video, broadband and/or wireless services, which may require us to further increase subscriber acquisition and retention spending or accept lower subscriber activations and higher subscriber churn.*”

## **RETAIL WIRELESS**

### ***Business Strategy - Retail Wireless***

We offer nationwide prepaid and postpaid retail wireless services to subscribers primarily under our Boost Mobile, Boost Infinite and Gen Mobile brands, as well as a competitive portfolio of wireless devices. We offer customers value by providing choice and flexibility in our Retail Wireless services. Prepaid wireless subscribers generally pay in advance for monthly access to wireless talk, text, and data services. Postpaid wireless subscribers are qualified to pay after receiving wireless talk, text, and data services.

*Boost Infinite.* In the fourth quarter of 2022, we launched Boost Infinite, a postpaid wireless service, to a limited number of customers who had signed up for early registration. During the first half of 2023, we anticipate launching our nationwide expansion of Boost Infinite.

We are currently operating our Retail Wireless business unit primarily as a MVNO as we continue to complete our 5G Network Deployment. As an MVNO, today we depend on T-Mobile and AT&T to provide us with network services under the MNSA and the NSA, respectively. Under the NSA, we expect AT&T will become our primary network services provider.

Our Retail Wireless business strategy is to expand our current target segments and profitably grow our subscriber base by acquiring and retaining high quality subscribers while we complete our 5G Network Deployment. We intend to acquire high quality subscribers by providing competitive offers, choice and outstanding customer service that better meet those subscribers’ needs and budget.

### ***Products and Services - Retail Wireless***

Currently, we offer Wireless subscribers competitive consumer plans with no annual service contracts and monthly service plans including high-speed data and unlimited talk and text. We also offer a variety of value-added services, including device payment and protection plans.

### ***Distribution Channels - Retail Wireless***

We operate in the consumer market in the United States and use, among other things, print, radio, television and Internet media, on a local and national basis to motivate potential subscribers to contact us, visit our websites or contact independent third party retailers.

We have both an indirect sales channel, which includes third-party owned retail stores and big box stores, and a direct sales channel, which services customers online. Through the indirect sales channel, we use direct distribution partners to facilitate product delivery to the third-party retailers. We currently market and distribute our products and services indirectly through third-party owned Boost-branded stores, multi-branded stores, national retail stores (such as Target, Best Buy, and Walmart stores) and other stores (such as convenience and grocery stores).

We have relationships with most large manufacturers of wireless devices. We can incur significant upfront costs to subsidize wireless devices offered under promotional pricing to consumers.

### ***Competition - Retail Wireless***

The Boost Mobile and Gen Mobile brands operate within the prepaid wireless industry segment and the Boost Infinite brand operates within the postpaid wireless industry segment. Retail wireless is a mature market with moderate year over year organic growth. Competitors include providers who offer similar communication services, such as talk, text and data. Competitive factors within the wireless communications services industry include, but are not limited to, pricing, market saturation, service and product offerings, customer experience and service quality. We compete with a number of national wireless carriers, including Verizon Communications, Inc. (“Verizon”), AT&T, Inc. (“AT&T”) and T-Mobile US, Inc. (“T-Mobile”), all of which are significantly larger than us, serve a significant percentage of all wireless subscribers and enjoy scale advantages compared to us. Verizon, AT&T, and T-Mobile are currently the only nationwide Mobile Network Operators (“MNOs”) in the United States.

Primary competitors to our Retail Wireless business unit include, but are not limited to, Metro PCS (owned by T-Mobile), Cricket Wireless (owned by AT&T), Visible (owned by Verizon), Tracfone Wireless (owned by Verizon), and other MVNOs such as Consumer Cellular, Mint Mobile and Xfinity Mobile.

### **5G NETWORK DEPLOYMENT**

We have invested a total of over \$30 billion in Wireless spectrum licenses, which includes over \$10 billion in noncontrolling investments in certain entities. The \$30 billion of investments related to Wireless spectrum licenses does not include \$7 billion of capitalized interest related to the carrying value of such licenses. See Note 2 and Note 15 in the Notes to our Consolidated Financial Statements in this Annual Report on Form 10-K for further information.

#### *DISH Network Spectrum*

We have invested a total of over \$30 billion to acquire certain Wireless spectrum licenses. These Wireless spectrum licenses are subject to certain interim and final build-out requirements, as well as certain renewal requirements. We plan to commercialize our Wireless spectrum licenses through the completion of the nation’s first cloud-native, Open Radio Access Network (“O-RAN”) based 5G network (our “5G Network Deployment”). We have committed to deploy a facilities-based 5G broadband network capable of serving increasingly larger portions of the U.S. population at different deadlines, including 20% of the U.S. population by June 2022 and 70% of the U.S. population by June 2023. If by June 2023, we are offering 5G broadband service to at least 50% of the U.S. population but less than 70% of the U.S. population, the 70% June 2023 deadline will be extended automatically to June 2025; however, as a result, we may, under certain circumstances, potentially be subject to certain penalties. On June 14, 2022, we announced we had successfully reached our 20% population coverage requirement. We are currently focused on our progression towards offering 5G broadband service to at least 70% of the U.S. population with a minimum of 15,000 5G sites. As of December 31, 2022, we had started construction on over 15,000 5G sites, which, if completed, are capable of providing broadband coverage to over 60% of the U.S. population. Construction starts are continuing at a rate of approximately 1,000 5G sites per month.

We may need to make significant additional investments or partner with others to, among other things, complete our 5G Network Deployment and further commercialize, build-out and integrate these licenses and related assets and any additional acquired licenses and related assets, as well as to comply with regulations applicable to such licenses. Depending on the nature and scope of such activities, any such investments or partnerships could vary significantly. In addition, as we complete our initial 5G Network Deployment, we have and will continue to incur significant additional expenses related to, among other things, research and development, wireless testing and ongoing upgrades to the wireless network infrastructure, software and third party integration. We may also determine that additional wireless spectrum licenses may be required to complete our 5G Network Deployment and to compete effectively with other wireless service providers. See Note 2 and Note 15 in the Notes to our Consolidated Financial Statements in this Annual Report on Form 10-K for further information.