

SKY TELEVISION – INVESTOR UPDATE

26 March 2018

SKY TV is today updating Investors and Analysts on our strategic priorities, and plans to achieve these priorities. A copy of the presentation is available on the NZX, ASX and SKY websites.

Having undertaken a robust review of our strategy, the objective of the session is to provide the investor community with more clarity about how SKY is moving forward after the terminated Vodafone merger, and how we are competing in the increasingly digital content market.

The company's strategy is based on three key areas: content, customer experience, and a targeted range of products and price points to suit all customers.

- **Telco partnerships**

The Vodafone merger had some unique appealing characteristics which cannot be replicated with an organic entry in the highly competitive broadband market, and SKY does not plan on entering this market on our own. We will focus on existing and renewed partnerships as we have in the past.

- **Exclusive content**

Our core focus as a Pay Television operator continues to be to secure exclusive content that matters to New Zealanders. Sports and Blockbuster Movies remain important, and Premium Drama is now as relevant as those two Pay TV mainstays.

- **Improved customer experience through technology**

Content is still King - but it now sits on the throne of products and experiences. SKY is investing in technology (including the Cisco Infinite Video Platform) to enable us to improve the On Demand experience for customers.

We are pleased to be partnering with a global player that is supporting over 100 million set top box customers around the world. It means we can operate like a scaled player and have a features roadmap for customers that matches what is being offered globally.

This does not mean we will move away from linear channels overnight, because they are currently still preferred by a large group of good customers, but over time we expect On Demand to grow significantly at the expense of linear. Our job is to deliver both types of services in ways that our customers want and need.

To ensure we can continue to serve customers who rely on our satellite-delivered content, particularly those New Zealanders in rural and other areas without reliable internet access, we intend to renew the satellite contract this year. Our 100% reach across New Zealand is a competitive advantage.



- **Content discovery**

With the growth of On Demand, customer choice increases, and while this is a good thing customers will need help in discovering the best content for them in an easy manner. Content Discovery and Data are therefore a key focus for our teams.

- **Range of products and price points to suit all customers**

We are expanding the range of products and propositions that we offer, ranging from the current satellite-centric service, to Fibre-based services using lower cost Puck set top boxes, all the way to being able to access SKY content as an App with no set top box. All of these propositions are being designed around different customer segments and contain different capabilities, features and price points.

To improve our ability to get experiences to customers faster and to ensure a sustainable business, we are embarking on a process of simplifying our operations.

Financial update

We expect to stabilise our core earnings with our recent changes to pricing and by improving the core experience, and to add incremental profitable customers on “smaller” OTT services. At the same time we are continuing to focus on managing the cost base through simplification of some existing processes and operations.

The financial analysis included in the presentation material is for illustrative purposes only and is not Guidance. There are a lot of variables at play and SKY is yet to fully design and launch all of these new products. The purpose of the presentation is to highlight the range of options that SKY has, and how our current satellite platform can transition to include a range of IP/fibre based products at different price points, with different content propositions and service models.

For further information please contact:

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SKY Network Television
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INVESTOR DAY

March 26 2018



SKY

INTRODUCTION



JOHN FELLET

CEO



STRATEGY

GEORGE MACFARLANE
DIRECTOR OF STRATEGY

SKY DOES NOT NEED TO BECOME A TELCO TO SUCCEED



vodafone

- ▶ SCALE
- ▶ BRAND
- ▶ GLOBAL EXPERTISE
- ▶ MOBILE ASSETS

SKY DOES NOT NEED TO BECOME A TELCO TO SUCCEED



- ▶ SCALE
- ▶ BRAND
- ▶ GLOBAL EXPERTISE
- ▶ MOBILE ASSETS

**FIXED LINE MARKET
IS CHALLENGING**

- ▶ COMPETITIVE
- ▶ LOW MARGIN
- ▶ LOW BARRIERS TO ENTRY



SKY DOES NOT NEED TO BECOME A TELCO TO SUCCEED



- ▶ SCALE
- ▶ BRAND
- ▶ GLOBAL EXPERTISE
- ▶ MOBILE ASSETS

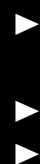
**FIXED LINE MARKET
IS CHALLENGING**



**COMPETITIVE
LOW MARGIN
LOW BARRIERS TO ENTRY**



**PARTNERING MODEL
IS PREFERRED**



**EFFECTIVE DISTRIBUTION
CHANNEL
SEGMENTATION EXPERTS
NEED RELEVANT PRODUCTS
FROM SKY**





SKY

PAY TV



OUR STRATEGY

**WORLD CLASS CONTENT THAT
MATTERS**

**UNDERSTANDING OUR
CUSTOMERS AND DELIVERING
GREAT EXPERIENCES**

**MULTIPLE PROPOSITIONS AND
PRICES**

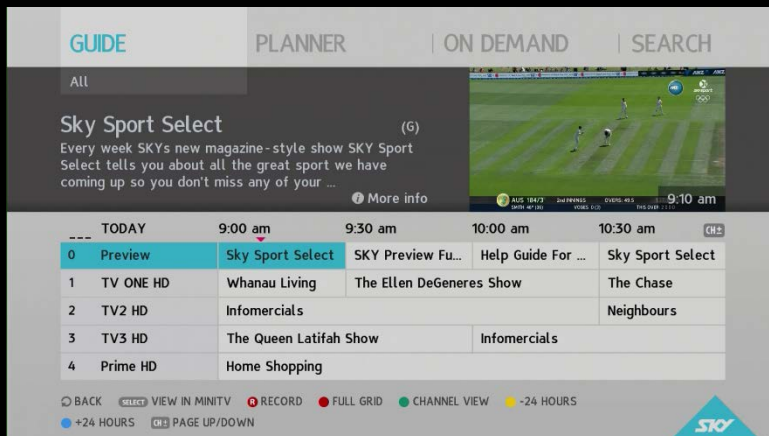


**STABILISE CORE
EARNINGS**

**ADD PROFITABLE
INCREMENTAL
CUSTOMERS**

**TRANSITION TO
VOD CENTRIC
WORLD**

AN UPDATED EXPERIENCE FOR CUSTOMERS



COMPANION APPS

- ▶ **LINEAR CENTRIC**
- ▶ **REQUIRES SATELLITE**
- ▶ **GRID BASED**
- ▶ **SKY CONTENT ONLY**
- ▶ **GLOBAL RECOMMENDATIONS**

- ▶ **ONDEMAND CENTRIC**
- ▶ **SATELLITE OR IP BASED**
- ▶ **IMAGE BASED**
- ▶ **SKY + 3RD PARTY CONTENT**
- ▶ **PERSONALISED RECOMMENDATIONS**

The Sky logo, consisting of the word "SKY" in a stylized, italicized font, is positioned within a yellow triangular graphic element on the left side of the slide.

CISCO IVP GIVES ACCESS TO SCALE AND PUTS SKY AT FRONT



CISCO – EXPERIENCE GLOBAL ORGANISATION SUPPORTING MILLIONS OF STB'S

SKY ABLE TO MOVE FROM FAST FOLLOWER TO LAUNCHING AT SAME TIME AS OTHER CISCO CUSTOMERS

MORE CONTENT → MORE CHOICE → **MORE WORK** CONTENT DISCOVERY MATTERS MORE THAN EVER



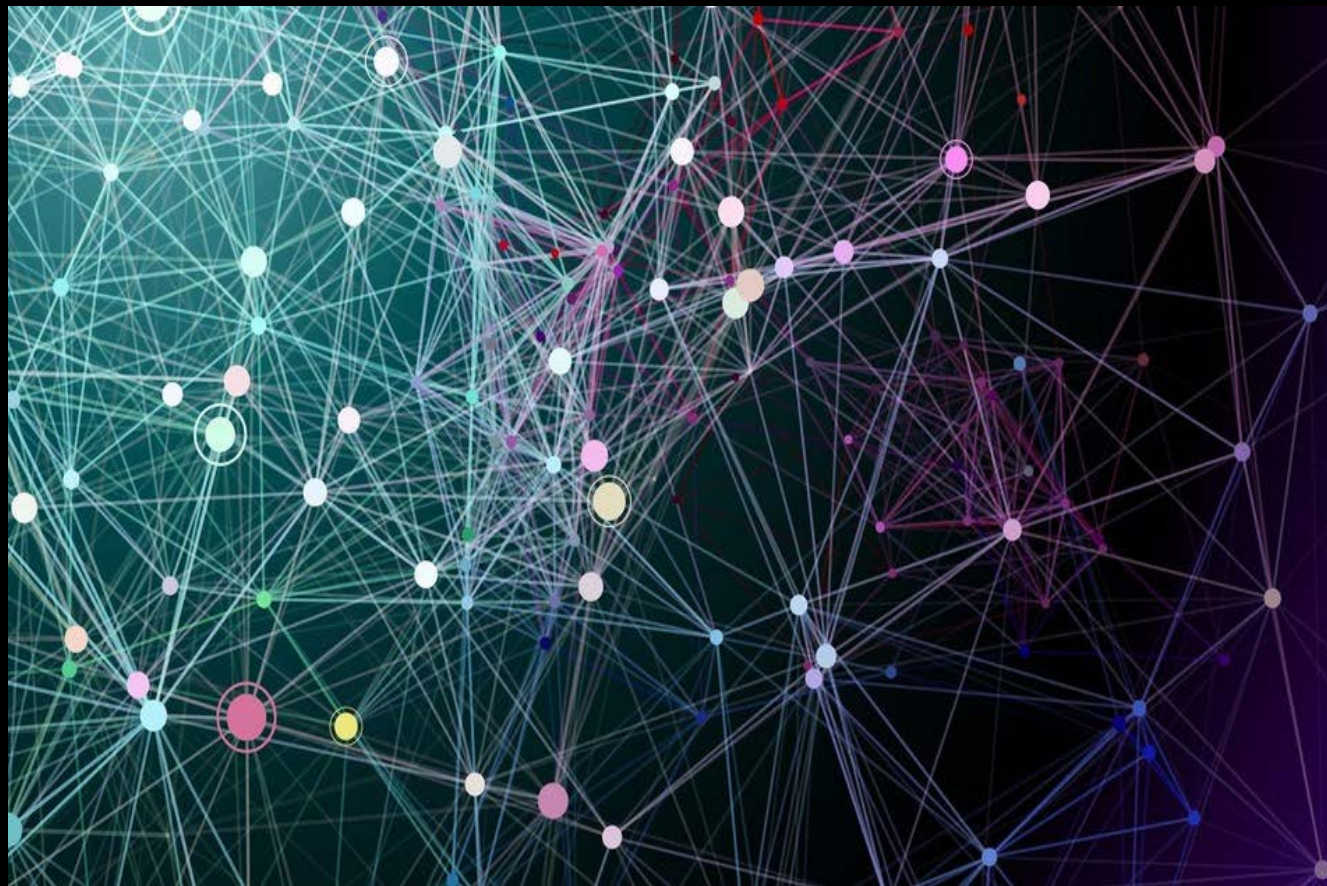
ONDEMAND content puts more choice in the customer's hands at the same time.

The job for pay TV platforms is to help customers easily find something good to watch.

Its more than a recommendation engine.

Data and our understanding of a customers relationship with different content will be a differentiator.

DATA ENABLES PERSONALISED EXPERIENCES



Able to collect viewing from nearly 300k STB's

Helps business decisions but will also unlock Recommendations and Content Discovery

Big data can lead to little choices

Relevant personalised experiences will create differentiation



OUR TECHNOLOGY PLATFORMS WILL LET US SERVE **THE ENTIRE MARKET**

CURRENT OFFER

- ▶ Linear Centric supported by PVR – DIY ON DEMAND
- ▶ Satellite – No Internet required
- ▶ Grid UI

**SATELLITE
RENEWAL ▶ HIGH
RESILIENCE FOR
“SLOW” INTERNET
CUSTOMERS**

UPGRADED STB

- ▶ Linear and OnDemand blend with PVR
- ▶ Satellite with some internet required
- ▶ Image based UI
- ▶ Opt In
- ▶ Can support new higher Spec STB (4k | 3rd Party services)

**EXTEND
USEFULNESS OF
RECENT STB
PURCHASES**

IP ONLY STB

- ▶ Flexible hardware – Linear and OD blend or OD led service
- ▶ Fibre delivery (no satellite)
- ▶ Cloud PVR or no PVR
- ▶ Image based UI

**LOW COST STB AND
INSTALL**

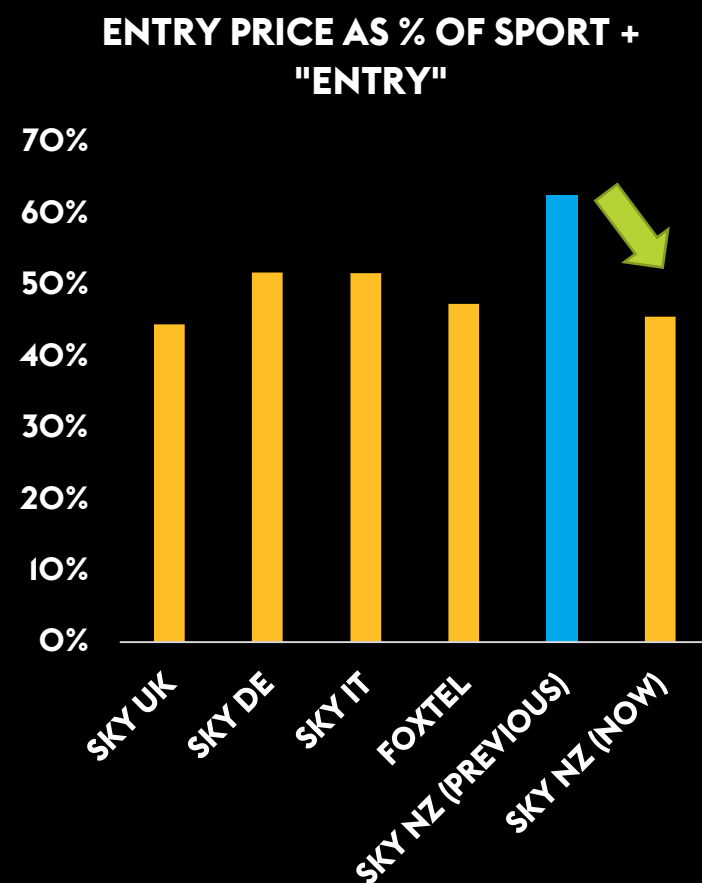
**ABLE TO TARGET
OTHER “NON
TRADITIONAL”
SEGMENTS**

APP ONLY

- ▶ ONDEMAND led
- ▶ No STB
- ▶ OTT Delivery

WITH PRICING PLAYING A KEY PART OF THE VALUE EQUATION

RECENT PRICE CHANGE SOLVED
FOR “ACCESS TO SPORT”



AND PREMIUM DRAMA

| OPERATOR | “GAME OF THRONES” CHANNEL | PACKAGE |
|----------------|---------------------------|--|
| SKY UK | SKY ATLANTIC | ENTRY TIER |
| FOXTEL | SHOWCASE | DRAMA PACK |
| SKY (PREVIOUS) | SOHO | STANDALONE CHANNEL |
| SKY (NOW) | SOHO | BUNDLED WITH STARTER + ENT + 1 PREMIUM |



NEW PRICE POINTS TO **CONTINUE OUR GROWTH IN OTT**



- ▶ Premium GE and Movies content – HBO, Showtime, Disney
- ▶ Access to SKY's best Entertainment content for under \$20



- ▶ High contribution due to fixed nature of sports costs
- ▶ Easy for customers to understand with highly differentiated content
- ▶ Easy for customers to purchase and set up for large sporting events of preferred sporting seasons

LOWER PRICED: TV ONLY PACK



LOWER PRICED: MOBILE ONLY



CONTENT IS STILL KING. WE CONTINUE TO SEEK EXCLUSIVE ACCESS TO THE CONTENT KIWIS TALK ABOUT

We will place a premium on content that holds it head high in a world where customers are overloaded with choice and short on time.

SPORTS

**BLOCKBUSTER
MOVIES**

**PREMIUM
DRAMA**

- Seek exclusivity
- Work with the best – SANZAR, NRL, HBO, SHOWTIME, DISNEY
- Always seek to secure relevant digital rights



WE CAN SUMMARISE OUR AMBITION WITH OUR WINNING PROPOSITION

**WE WILL WIN BY ENRICHING OUR CUSTOMERS' LIVES WITH AN
EXCLUSIVE WORLD CLASS SPORTS AND ENTERTAINMENT OFFERING**

**THROUGH UNDERSTANDING OUR CUSTOMERS, WE'LL ALWAYS HELP
THEM FIND SOMETHING GREAT TO WATCH**

**AND OUR CONTENT AND EXPERIENCES WILL BE AVAILABLE TO ALL
KIWIS THROUGH OUR RANGE OF PRODUCTS AND PRICING.**



A FOCUS ON **SIMPLIFICATION AND EFFECTIVENESS**

- ▶ **SKY NOT KNOWN FOR ITS LARGESE**
- ▶ **OPPORTUNITIES TO SIMPLIFY PROCESSES AND BETTER
UTILISE OUR ASSETS DO EXIST**
- ▶ **A FOCUSED EFFORT ON SIMPLIFYING OUR BUSINESS IS
BEING CARRIED OUT**
- ▶ **AGILE METHODOLOGIES TO REDUCE TIME AND COST
TO DELIVER NEW CUSTOMER EXPERIENCES**



THE CUSTOMER

MIKE WATSON

DIRECTOR OF MARKETING

HOW WERE THESE SEGMENTS FORMED?

Generated insights by triangulating three data sources

ETHNOGRAPHIC

Video diaries and in-home depth interviews of 30 New Zealanders

ATTITUDINAL

Survey of 7,500 subscribers and 2,500 non-subscribers

TRANSACTIONAL

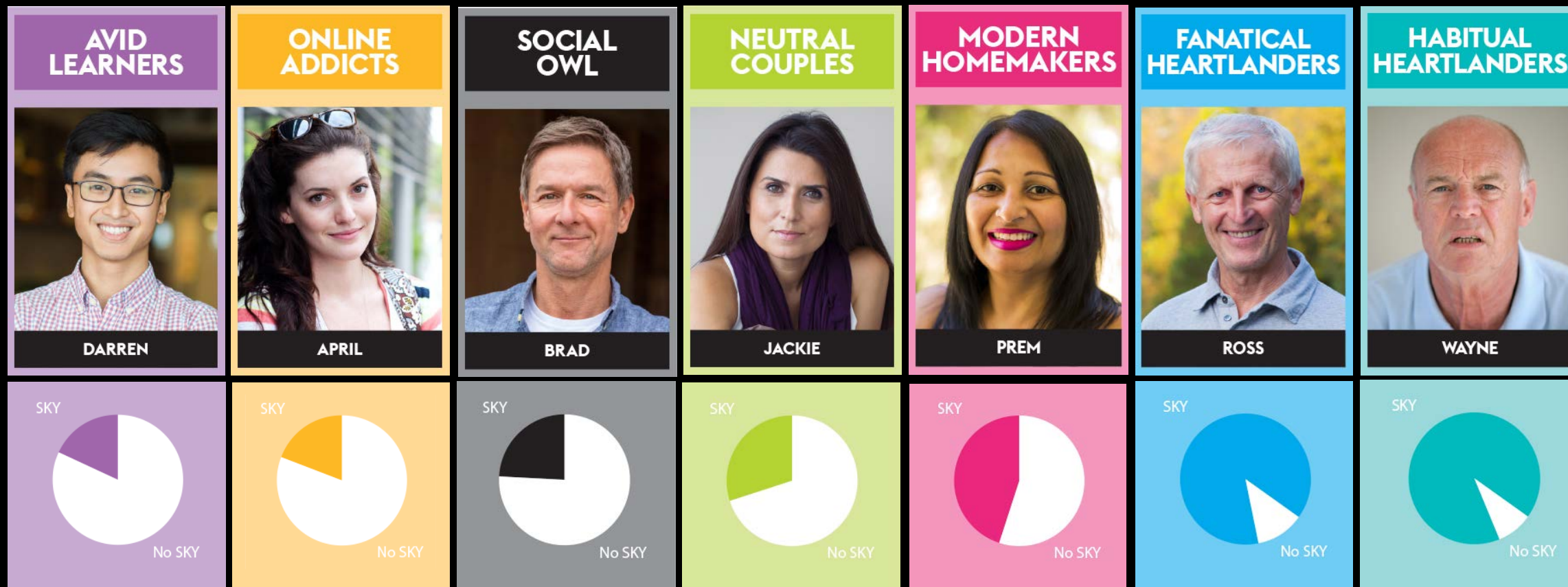
Viewing data from a sample of 20,000 set top boxes

Cluster analysis within a Bayesian belief network
(a machine learning technique)

Dependent variable was value of viewing

SKY

THE SEVEN SEGMENTS



GROW ← → **RETAIN**

Pie charts show SKY's penetration of each segment



DARREN

“I view to develop new skills, follow my curiosity”

AVID LEARNERS

Wisdom

Explore
Learn

How to
videos or series



APRIL

“I’m online a lot. I like to be the first to see trending shows and binge on my favourites”

ONLINE ADDICTS

Fun, Freedom

Develop identity
Connect with friends
Social currency

Must watch the latest episode of Game of Thrones online as soon as it comes out



BRAD

“I don’t have much time for viewing video, I prefer to spend time with others”

SOCIAL OWL

Compassion

Share stories with friends - belong

A British drama that friends recommend and follow



JACKIE

“I enjoy a little bit of everything, nothing too ‘out there’ though”

NEUTRAL COUPLES

Determination

Connect with each other

Date night
Movie or binge on a series



PREM

“I enjoy viewing as a family and some me-time when I can squeeze it in”

MODERN HOMEMAKERS

Togetherness

Enjoy family
Create time
Escape, reconnect with themselves

Saturday family movie night
Reality TV binge



ROSS

“I enjoy sport, my recorded shows and catch up online too”

FANATICAL HEARTLANDERS

Achievement

Excite
Relax (unwind)

Host friends for a big live sporting event
Escape with some sport alone



WAYNE

“I enjoy traditional TV, my regular shows most days, sport & the news”

HABITUAL HEARTLANDERS

Integrity

Re-connect with others
Maintain identity (nostalgia)

Enjoy a big live sporting event alone
An afternoon of classic detective movies

BELIEFS

NEEDS

VALUED VIEWING EXPERIENCE

HOW CAN WE USE THESE SEGMENTS?

FANATICAL HEARTLANDERS



ROSS

“I enjoy sport, my recorded shows and catch up online too”



STRATEGY - RETAIN

Fanatical Heartlanders prefer subscription models and love the experience of big screen live sport.

They are high ARPU and have residual goodwill towards MY SKY and the SKY brand.

Generally mid-life Fanatical Heartlanders enjoy control and some power, but would like to have this reflected back by SKY demonstrating that they are highly valued.

Desirable product features in the future

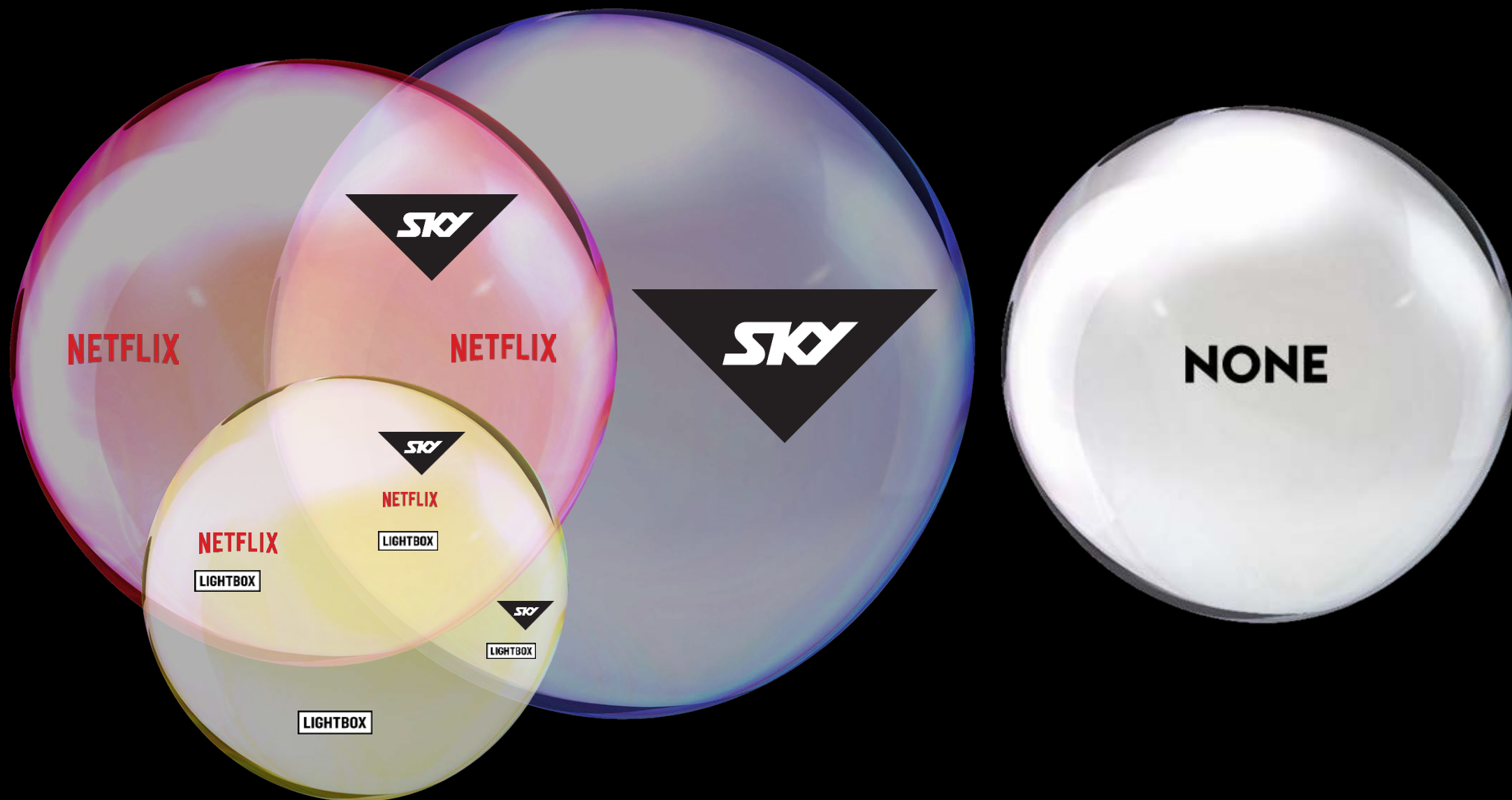
- Deeper immersion – ultra high definition

Desirable Content

- Live sport

| BELIEFS | Achievement |
|---------------------------|--|
| NEEDS | Excite Relax (unwind) |
| VALUED VIEWING EXPERIENCE | Host friends for a big live sporting event Escape with some sport alone |

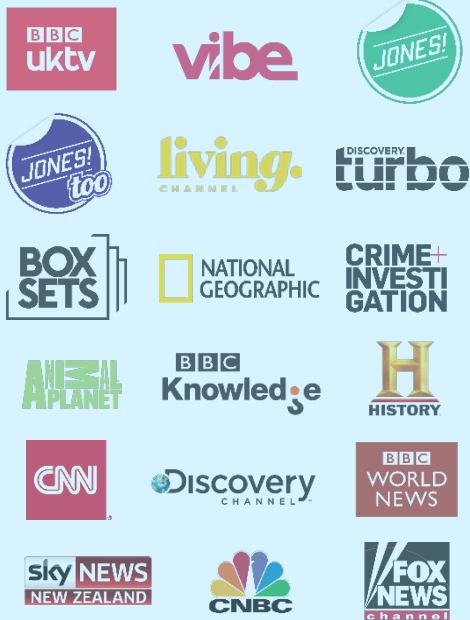
SKY/NETFLIX/LIGHTBOX



NEW SKY PRICING

SKY ENTERTAINMENT

\$25



SKY SPORT

\$29.90



SKY MOVIES

\$20.93

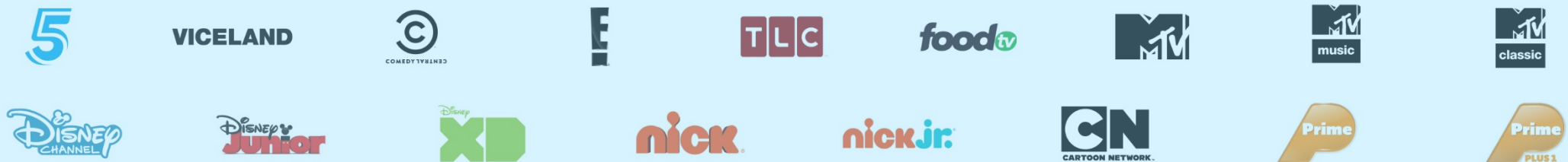


BONUS:
SELECT SKY
ENTERTAINMENT +
SKY SPORT AND/OR
SKY MOVIES
AND GET

SoHo

~~\$9.99~~

SKY STARTER \$24.91





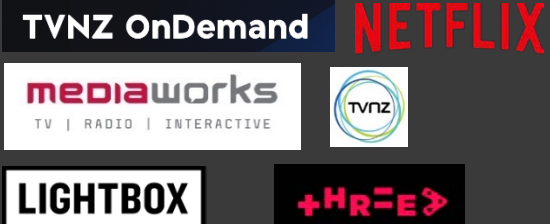
INFINITE VIDEO PLATFORM (IVP)

JULIAN WHEELER

**CHIEF PRODUCT
& TECHNOLOGY OFFICER**

THE OPPORTUNITY

- ▶ VARIETY OF ENTERTAINMENT CHOICES FOR USERS
- ▶ CUSTOMERS SOMETIMES SUBSCRIBE TO MULTIPLE SERVICES TO SATISFY THEIR VIEWING NEEDS



- ▶ SKY HAS THE BEST CONTENT IN MARKET
- ▶ VIEWING EXPERIENCE ACCOUNTS FOR 66% OF CUSTOMER SENTIMENT
- ▶ NEED A GREAT SOLUTION FOR CONTENT DISCOVERY AND TO SHOWCASE THE BEST CONTENT



- ▶ DEVELOP PROPOSITIONS TO MEET CHANGING CUSTOMER SEGMENT NEEDS
- ▶ NEED TO PROTECT AND GROW SUBSCRIBER BASE



DIMENSIONS OF A PRODUCT

- ▶ **MULTIPLE VARIABLES TO CONSIDER WHEN DEFINING A PRODUCT**
- ▶ **BE CONSCIOUS OF THESE VARIABLES AND TARGET SEGMENT NEEDS**

Premium **PRICE** Low cost



Big bundles **CONTENT AND PACKAGES** Targeted bundles



Mostly linear **HOW PEOPLE VIEW** Mostly ON DEMAND



Big screen lean back **DEVICES AVAILABLE** Device flexibility



Premium, all include **SERVICES MODEL** Affordable, digital first





SKY'S **NEXT GEN** CUSTOMER PROMISE



**ON DEMAND CENTRIC
APPROACH**

**COMPANION APP
HOME SCREEN**

**SUPERIOR USER
EXPERIENCE AND
CONTENT**



SKY'S **NEXT GEN** CUSTOMER PROMISE



**FLUID VIEWING
THROUGH
THE CLOUD**



**MOBILITY – WATCH
WHAT YOU WANT,
WHEN YOU WANT**



SKY'S **NEXT GEN** CUSTOMER PROMISE



**PORTABLE LOYALTY
THROUGH FLEXIBILITY OF
DEVICES**



**SKY AS A CONTENT
NAVIGATOR**

SKY'S **NEXT GEN** CUSTOMER PROMISE



**SAFETY NET OF
TRADITIONAL TV**



**FLEXIBILITY OF
PAYMENT MODELS**

WHAT IS IVP?

THE OPPORTUNITY

USER EXPERIENCE

"Showcase SKY's content"

- ▶ Modern and image rich UI showcasing SKY content
- ▶ Consistent experience across devices
- ▶ Fluid viewing – pause and resume content from one device to another
- ▶ Recommendations based on household and customer base viewing

DEVICES

"Use the best technology"

- ▶ Multiple primary devices to appeal to different segments
- ▶ PREMIUM SKY – Premium experience delivered on IP-only Puck, Next-Gen or Kaon STBs
- ▶ NON-SKY – Low cost offering on IP-only Puck
- ▶ As-an-app proposition

PACKAGES

"Offer more flexibility"

- ▶ Continue to offer SKY premium tier packages as today
- ▶ Also offer lower cost packages of SKY content targeting key segments
- ▶ Month-to-month commitments on lower cost offerings

1.

USER

EXPERIENCE

A yellow upward-pointing triangle is located at the bottom center of the slide.



IVP – A MODERN AND IMAGE-RICH USER EXPERIENCE



IVP – A MODERN AND IMAGE-RICH USER EXPERIENCE

SAMPLE UI SCREENS. NOT FINAL

HOME SCREEN

Home screen

TV SHOWS SCREEN

TV Shows screen

MY LIBRARY

My library (recordings, continue watching)

LINEAR TV

Linear TV – Now Next Banner

MORE INFO

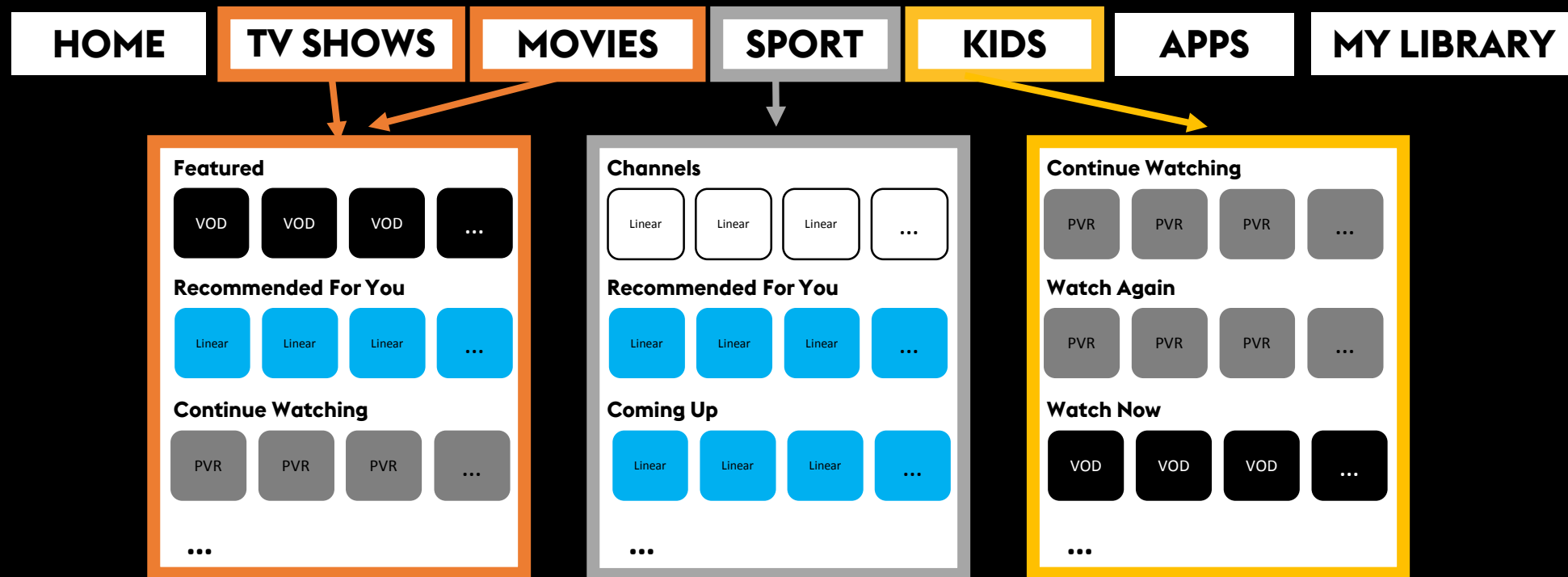
More Info screen

CHANNEL

Channel page

BIG DATA & USER INTERFACE STRUCTURE

- ▶ IVP offers powerful tools to structure and showcase depth and breadth of content
- ▶ Organising content well enables users to always find something to watch
- ▶ Content sensitive rails curated differently by content type

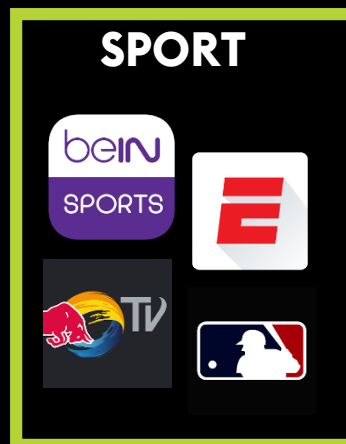
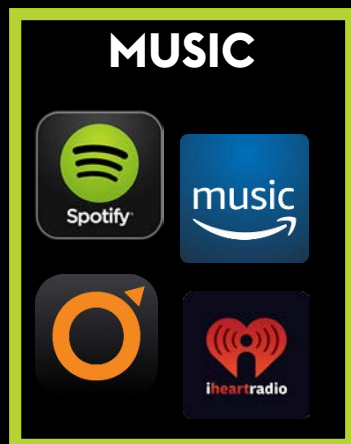


BEST GLOBAL & LOCAL APPS

androidtv

- ▶ Introducing Android Operator Tier with IVP
- ▶ Opportunity to promote key apps from Google Play store into SKY experience
- ▶ Aim to promote apps that complement SKY content
- ▶ Customers can then promote their own apps too

**Sample Apps - to be reviewed for NZ market*



2.

DEVICES



DEVICES FOR ALL SEGMENTS

PREMIUM SKY

Priced as today



SKY BOX

androidtv



IP-ONLY PUCK

androidtv



NEXT-GEN STB

PRIMARY SEGMENTS

FANATICAL



HEARTLANDER

HABITUAL



HEARTLANDER

SECONDARY SEGMENTS

MODERN



HOMEMAKERS

NEUTRAL



COUPLES

NON-SKY

New low cost
packages



androidtv



IP-ONLY PUCK

PRIMARY SEGMENT SECONDARY SEGMENT

MODERN



HOMEMAKERS

NEUTRAL



COUPLES



COMPANION
APPS

AS AN APP

(Bring Your Own device)

PRIMARY SEGMENT

ONLINE



ADDICTS

FEATURES **FOR ALL PROPOSITIONS**

REGARDLESS OF PROPOSITION, ALL CUSTOMERS WILL
GET AMAZING FEATURES



On Demand in focus



Recommendations

COMPANION
APPS

Fully featured
Companion apps



Fluid viewing across
devices

FEATURES **FOR ALL PROPOSITIONS**

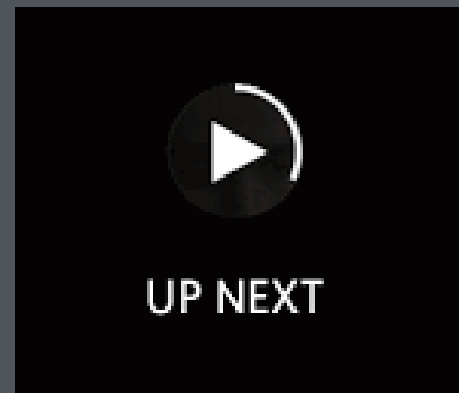
REGARDLESS OF PROPOSITION, ALL CUSTOMERS WILL GET AMAZING FEATURES



Restart TV + Reverse
EPG



Search across
content types



Binge watching



SKY linear channels

FULLY FEATURED COMPANION APP

- ▶ IVP Companion app will have all the same features as the STB/Puck
- ▶ Find, manage and play all your great shows and events
- ▶ Full Guide, VOD catalogue, Restart TV, Reverse EPG, recommendations etc
- ▶ Supported platforms - iOS, Android, web browsers, Apple TV, Xbox One, PS4, Chromecast, Samsung Smart TVs, Sony TVs (Android TV), LG- TV(webos), Roku and Amazon Fire TV

3.

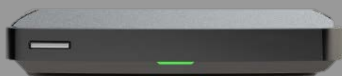
PACKAGES

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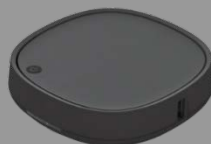


IVP HOUSEHOLDS **SINGLE STB OR PUCK**

PREMIUM SKY



OR



1 STB/PUCK

NON-SKY



1 PUCK

COMMON TO BOTH PROPOSITIONS:

**COMPANION
APPS**

**≤ 5 COMPANION
DEVICES**



STB/PUCK + 1 STREAM

PREMIUM SKY

**FANATICAL
HEARTLANDERS**

**HABITUAL
HEARTLANDERS**

**MODERN
HOMEMARKERS**

**NEUTRAL
COUPLES**

NON-SKY

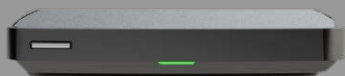
**MODERN
HOMEMARKERS**

**NEUTRAL
COUPLES**



IVP HOUSEHOLDS MULTIPLE **STBS OR PUCKS**

PREMIUM SKY



**2 OR MORE STBS
OR PUCKS**

NON-SKY



2 OR MORE PUCKS

COMMON TO BOTH PROPOSITIONS:

**COMPANION
APPS**

**≤ 5 COMPANION
DEVICES**



**STBS/PUCKS + 2
IN-HOME CONCURRENT
STREAMS**



**STBS/PUCKS + 1
OUT-HOME
STREAMS**

PREMIUM SKY

**FANATICAL
HEARTLANDERS**

**HABITUAL
HEARTLANDERS**

**MODERN
HOMEMARKERS**

**NEUTRAL
COUPLES**

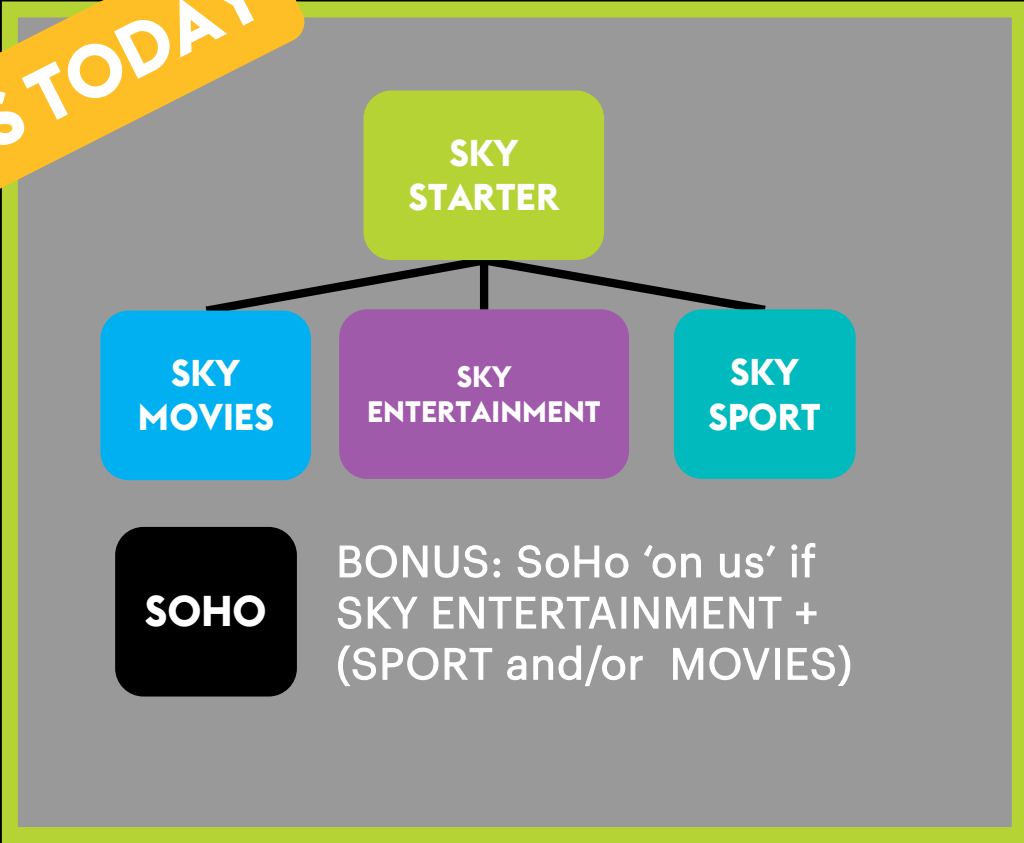
NON-SKY

**MODERN
HOMEMARKERS**

**NEUTRAL
COUPLES**

IVP PACKAGES

AS TODAY



PREMIUM SKY

FANATICAL
HEARTLANDERS

HABITUAL
HEARTLANDERS

MODERN
HOMEMARKERS

NEUTRAL
COUPLES

NEW



- ▶ Subset of Premium SKY – different channel packages Linear channels will target key segments
- ▶ Low entry point for customers
- ▶ Flexible contract terms

NON-SKY

MODERN
HOMEMARKERS

NEUTRAL
COUPLES

IVP SUPPORT MODEL

AS TODAY

- ▶ Premium support service
- ▶ Technician install available
- ▶ Can self-install if dish available
- ▶ Call centre or online help
- ▶ Device is SKY owned

NEW

- ▶ Digital first model
- ▶ 100% self-install
- ▶ Call centre on premium call line
- ▶ Support via online help
- ▶ Device is SKY owned
- ▶ Retail a later model to support



PREMIUM SKY

FANATICAL
HEARTLANDERS

HABITUAL
HEARTLANDERS

MODERN
HOMEMARKERS

NEUTRAL
COUPLES

NON-SKY

MODERN
HOMEMARKERS

NEUTRAL
COUPLES

IVP SUMMARY

- ▶ IVP – a new platform to deliver a rich viewing experience
- ▶ Live and linear, On Demand and Apps, Network and Local PVR
- ▶ Big Data with Recommendations and Personalisation
- ▶ Choice of Devices for Satellite and Broadband
- ▶ Multiple product propositions and packages to meet the needs of All New Zealanders
- ▶ First proposition in market within 12 months

INTRODUCING OUR **RANGE OF APPS**



SKYGO



SKY TV



NEON



FANPASS



**SKY
PERKS**



**SKYTV
FOR ALEXA**



SKY SPORT HIGHLIGHTS

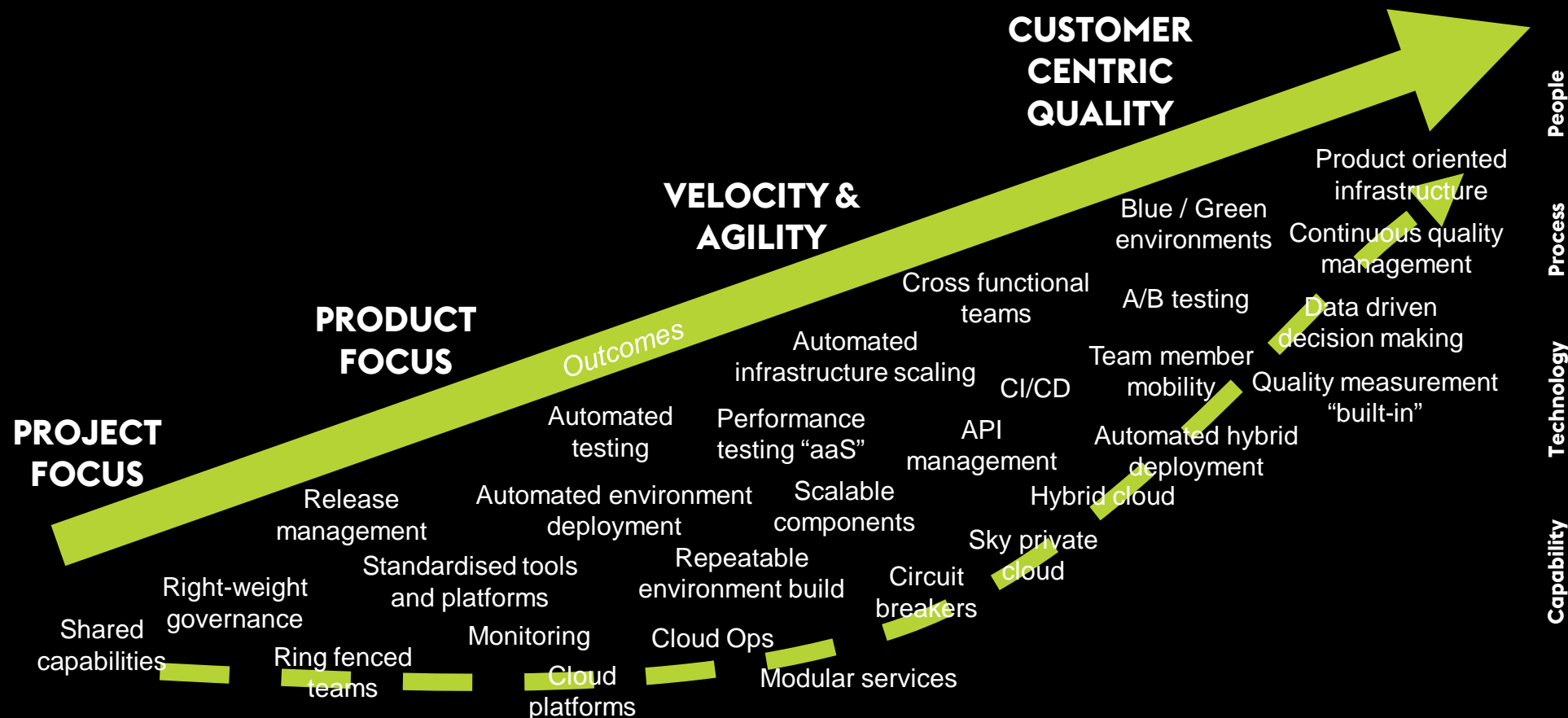
- ▶ Delivered from concept to market in just 5 weeks
- ▶ We are transforming the way we work through **agility at scale**
- ▶ More than “agile” – it requires:
 - ▶ Cloud
 - ▶ Automation, incl. Ci/cd
 - ▶ Dev + security + ops
 - ▶ Productisation
 - ▶ Collaboration

OUR TRANSFORMATION

- ▶ “Agile” is an adjective, not a noun: able to move quickly and easily.
- ▶ Its not what you do, its how you do it – we have changed the way we work.
- ▶ Agility enables us to change and adapt quickly to the changing needs of our customers.
- ▶ The right cadence of change and delivery gives the feedback loops required to have agility.
- ▶ Small changes, constantly measured, drive in quality.
- ▶ Our leaders develop capability and set direction – “build the right thing”.
- ▶ Our cross functional teams apply agile practices, working to common goals to produce working solutions every sprint – “build the thing right”.



OUR TRANSFORMATION OVER THE PAST TWO YEARS



WE ARE CHANGING THE WAY WE DELIVER OUR PRODUCTS AND TECHNOLOGY, DEVELOPING AND IMPLEMENTING THE CAPABILITIES REQUIRED TO ACHIEVE THE REQUIRED VELOCITY FOR OUR CUSTOMERS AND PRODUCTS, WITH THE AGILITY TO RESPOND TO AN EVER CHANGING ENVIRONMENT WHILE ENSURING BROADCAST QUALITY.

SKY

THE NEW SKYGO LAUNCHING SOON TODAY



- ▶ WATCH SELECTED LIVE SKY CHANNELS ON MOBILE, TABLET & PC – TV, MOVIES & SPORTS
- ▶ 7 DAY PROGRAM GUIDE FOR SELECTED SKY CHANNELS

ALL THIS, PLUS ...

- ▶ **WATCH WHAT YOU WANT, WHEN YOU WANT** - ON DEMAND TV, MOVIES, BOX SETS AND SPORTS ON MOBILE, TABLET AND PC
- ▶ **FIND WHAT YOU WANT EASILY** FEATURED AND MOST POPULAR ON THE HOME SCREEN; SEARCHABLE CATALOGUE & GUIDE

SKY

BROADCAST & MEDIA



TEX TEIXEIRA
**DIRECTOR OF BROADCAST
& MEDIA**

SKY TV STATION PAST | PRESENT | FUTURE



2006



2018

CHANGE IS THE LAW OF LIFE AND THOSE WHO LOOK ONLY TO THE PAST OR PRESENT ARE CERTAIN TO MISS THE FUTURE.
– JOHN F. KENNEDY

PRESENT STATE

- ▶ **FACILITY BUILD 2006 (\$80M)**
- ▶ **HD | STEREO 5.1 | ROBUST REDUNDANCY**
- ▶ **80 ENTERTAINMENT AND SPORTS CHANNELS**
- ▶ **LINEAR AND VOD WORKFLOWS**

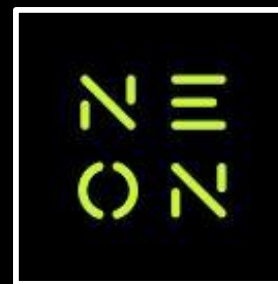


LINEAR DTH

MOBILE DEVICES

BUILDING NEW CAPABILITIES

- ▶ VOD AS GOOD AS LINEAR
- ▶ SPORTS FAST TURN AROUND
- ▶ SIMPLIFY LINEAR OPERATIONS
- ▶ SATELLITE BANDWIDTH DIVIDEND



CONTENT FACTORY 2020

SCALABLE | EFFICIENT | AGILE | MULTI-PLATFORM

- ▶ **VOD EXCELLENCE**
- ▶ **EVENT BASED POP-UPs**
- ▶ **SPORTS HUB / IP**

4K / HDR NEXT GEN EXPERIENCE

- ▶ **4K = SIMILAR PICTURE QUALITY TO HD**
- ▶ **HDR = BETTER CONTRAST, GREATER BRIGHTNESS, WIDER COLOUR PALETTE**

Conventional standard
dynamic range *



Highlight is clipped; less shadow detail

High Dynamic Range mode*



Render shadow detail to highlight

* Simulated images




4K / HDR – OUR ROADMAP

- ▶ **CONTENT**
- ▶ **INFRASTRUCTURE**
- ▶ **LOCAL ORIGINATION**



SKY

SPORT



RICHARD LAST
DIRECTOR OF SPORT

KEY MESSAGES

- ▶ **SPORT DRIVES CUSTOMER TAKE UP AND RETENTION**
- ▶ **OTT STRUGGLES TO COMPETE WITH BUNDLED SPORTS PACKAGE**
- ▶ **SKY BEST PARTNER FOR NZ SPORTS**



SUPER RUGBY 19:30 AVERAGES

**ALL PEOPLE 5+
AVERAGE AUDIENCES**

| 19:30 GAMES | 2016 | 2017 | Y-ON-Y CHANGE |
|-------------|---------|---------|---------------|
| Friday | 196,600 | 221,100 | +12% |
| Saturday | 208,100 | 238,600 | +15% |



SKY

SPORT STOPS THE **NATION**



- ▶ **MEASUREMENT CHALLENGING**
- ▶ **DATA PROJECTS UNDERWAY**



**“MY TEAM” DRIVES
AND VALIDATES MY
SUBSCRIPTION**





**SKY HAS MORE SPORTS
THAN OTHER LEADING
SUBSCRIPTION TV
PLATFORMS AROUND THE
WORLD**

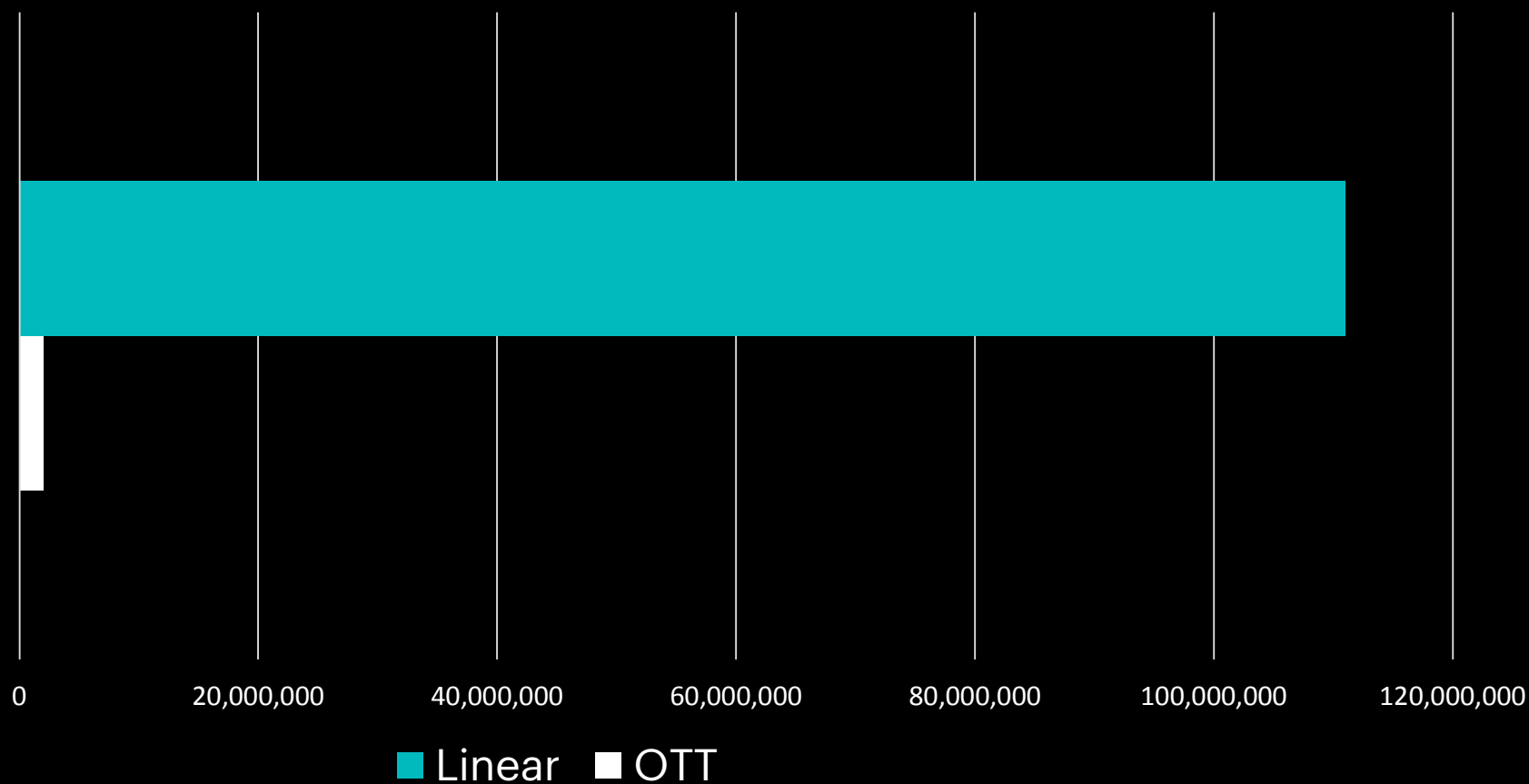


sky

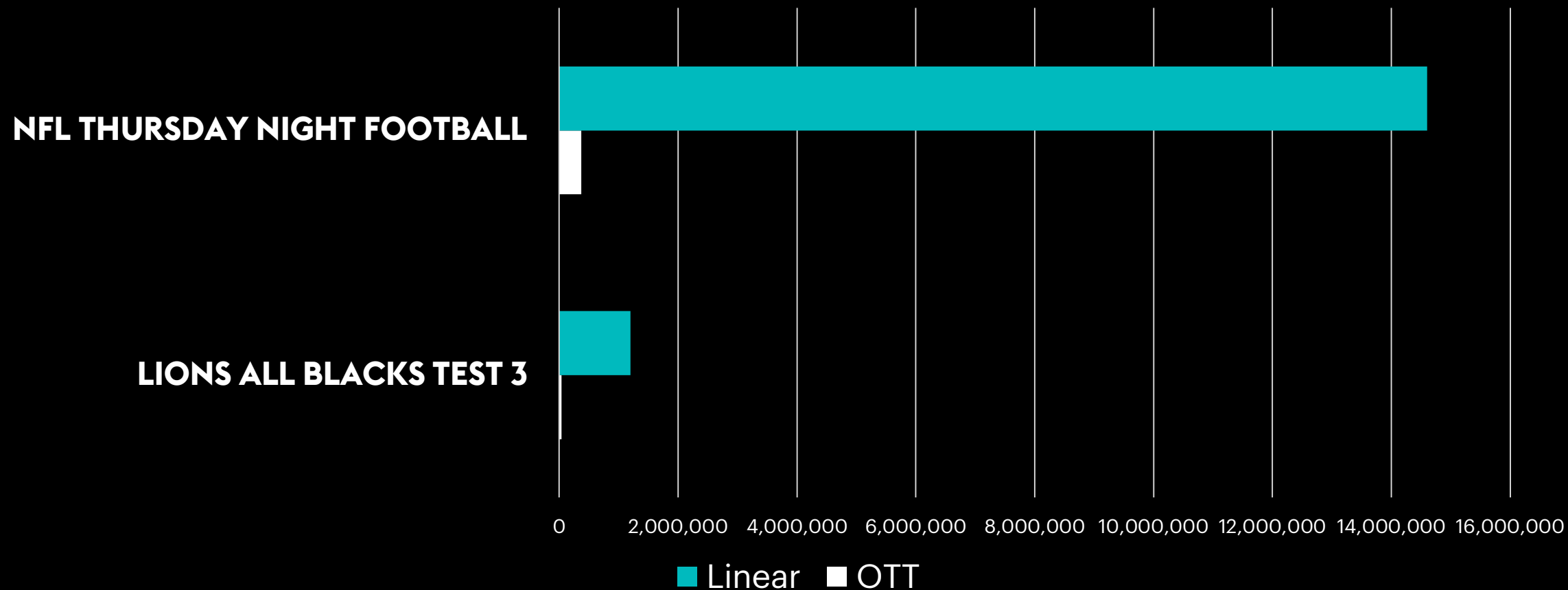
**SKY'S PLATFORMS DELIVER
WHAT NZ CUSTOMERS
WANT**

SUPERBOWL - TRADITIONAL DWARFS OTT

SUPER BOWL 2018



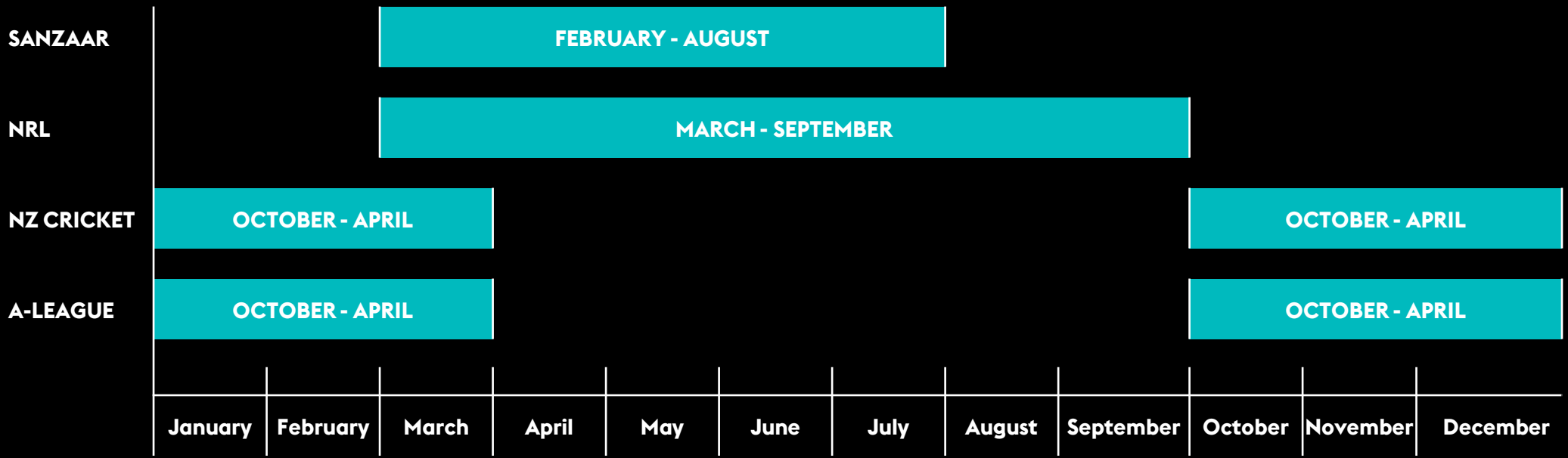
NFL – AMAZON V LINEAR



- ▶ **MAJOR SPORTS RENEWALS**
- ▶ **2, 3 YEARS OR LONGER UNTIL RENEWAL**
- ▶ **WE EXPECT TO RENEW**



YEAR-ROUND COVERAGE



SANZAAR RENEWAL

- ▶ NO COMMENT
- ▶ STRATEGICALLY IMPORTANT
- ▶ MAIN BOARD SUB-COMMITTEE
- ▶ FULL BOARD APPROVAL




**SKY IS AN ATTRACTIVE, EXPERIENCED
AND **PROVEN PARTNER** FOR NZ SPORTS
BODIES**

SANZAAR RENEWAL

- ▶ **NEGOTIATIONS SHOULD START THIS YEAR**
- ▶ **STRATEGICALLY IMPORTANT**
- ▶ **NOTHING TO GAIN BY DISCUSSING PLANS IN PUBLIC**

- 
- ▶ **BLACKCAPS V ENGLAND IN THE PINK BALL TEST**
 - ▶ **SILVER FERNS IN THE TAINI JAMISON FINALS**
 - ▶ **WARRIORS IN THE NRL**
 - ▶ **CHIEFS, HIGHLANDERS AND HURRICANES IN INVESTEC SUPER RUGBY**

- 
- ▶ **SHANE VAN GISBERGEN AND CO.
IN THE SUPERCARS**
 - ▶ **BRENDON HARTLEY IN FORMULA 1**
 - ▶ **THE WORLD'S BEST GOLFERS IN
THE WGC DELL TECHNOLOGIES
MATCH PLAY**
 - ▶ **LYDIA KO IN THE LPGA**

- ▶ **FIGURE SKATING WORLD CHAMPIONSHIPS**
- ▶ **AUCKLAND CITY TAKE ON EASTERN SUBURBS IN THE NZ PREMIERSHIP SEMI-FINALS**

- ▶ **HYUNDAI A-LEAGUE**
- ▶ **SNOOKER'S PLAYERS CHAMPIONSHIP**
- ▶ **CYCLING FROM EUROPE**

The Sky logo is located in the top left corner, consisting of the word "sky" in a white, italicized, sans-serif font, positioned within a teal triangular graphic that points to the right.

▶ **77 HOURS AND 15
MINUTES OF LIVE SPORT
ON SATURDAY ALONE**

KEY MESSAGES

- ▶ **SPORT DRIVES CUSTOMER TAKE UP AND RETENTION**
- ▶ **OTT STRUGGLES TO COMPETE WITH BUNDLED SPORTS PACKAGE**
- ▶ **SKY BEST PARTNER FOR NZ SPORTS**



SKY

ENTERTAINMENT



TRAVIS DUNBAR

**DIRECTOR OF ENTERTAINMENT
CONTENT**



SKY'S HISTORICAL **CONTENT PILLARS**

LIVE SPORTS

**BLOCKBUSTER
MOVIES**

INTERNATIONAL AFFILIATES

DISCOVERY

BBC

VIACOM



PREMIUM DRAMA THE NEW PILLAR

EXCLUSIVE

ENGAGING

EVOLVING

Premium Drama drives our linear, On Demand and VOD services:
SoHo, SKY BOX SETS, SKY 5, VIBE, UKTV, SKY ON DEMAND, SKY GO, NEON....

The Sky logo is located in the top left corner, consisting of the word "SKY" in a stylized, italicized font, colored pink, set against a black background.

PREMIUM DRAMA **KEY SUPPLY**

BEST-IN-CATEGORY. PROVEN STUDIOS. GUARANTEED SUPPLY.

PREMIUM DRAMA **KEY SUPPLY**

BEST-IN-CATEGORY. PROVEN STUDIOS. GUARANTEED SUPPLY.

SKY is the EXCLUSIVE home of:

HBO

- ▶ GAME OF THRONES (& upcoming spin offs)
- ▶ WESTWORLD 2
- ▶ BIG LITTLE LIES 2
- ▶ SHARP OBJECTS (from the author of Gone Girl)

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SHOWTIME

- ▶ BILLIONS
- ▶ RAY DONOVAN
- ▶ THE AFFAIR

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FX

- ▶ AMERICAN CRIME STORY
- ▶ FEUD: BUCKINGHAM PALACE
- ▶ THE MAYANS (Sons of Anarchy spin-off)
- ▶ TRUST (the Getty kidnapping)

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SHOWTIME

- ▶ BILLIONS
- ▶ RAY DONOVAN
- ▶ THE AFFAIR

WB/DC

- ▶ THE FLASH
- ▶ ARROW
- ▶ SUPERGIRL
- ▶ LEGENDS OF TOMORROW
- ▶ SUPERNATURAL
- ▶ SHAMELESS

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CBS

- ▶ NCIS NEW ORLEANS
- ▶ MADAME SECRETARY
- ▶ BULL
- ▶ SCORPION

SHOWTIME

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- ▶ ARROW
- ▶ SUPERGIRL
- ▶ LEGENDS OF TOMORROW
- ▶ SUPERNATURAL
- ▶ SHAMELESS

Plus a horde of key independent Drama supply:
THE LOOMING TOWER, KNIGHTFALL, HARD SUN

ENTERTAINMENT CONTENT STRATEGY

INDUSTRY-LEADING RIGHTS

- ▶ Linear
- ▶ Catch-Up
- ▶ Streaming
- ▶ Video On Demand
- ▶ Box Sets (full seasons)
- ▶ Download To Go
- ▶ Reverse EPG
- ▶ Restart TV
- ▶ Network PVR
- ▶ Free TV
- ▶ OTT

CONTENT RIGHTS AND AMMORTISATION

- ▶ Key supply is prioritised
- ▶ Each deal is staggered
- ▶ Key dramas have 'Run-of-Series' commitments

CONTENT RIGHTS AND AMMORTISATION

- ▶ Each deal is one piece of the jigsaw
- ▶ Amortisation is over a variety of channels, platforms, products, & windows
- ▶ This flexibility makes us unique
- ▶ Our prices reflect that flexibility



“BUT WHAT ABOUT THE GLOBAL OTT PLAYERS’ CONTENT SPEND?”

THE REALITY BEHIND THE HEADLINES

- ▶ It’s not all spent on original drama
- ▶ They still license non-exclusive library
- ▶ Their ORIGINAL content spend doesn’t match SKY’s aggregated power
- ▶ OTT services are complementary to Pay TV

THE POWER OF SKY'S BROAD CONTENT PORTFOLIO

A BACK-OF-THE-ENVELOPE COMPARISON

- ▶ The seven Hollywood Movie Studios plus leading independents spend in excess of \$US8B p.a. combined on production
- ▶ Some studios alone make 5-7 movies p.a. with a \$US200M+ production budget each (before marketing spend)
- ▶ SKY's key Drama suppliers would total over \$US8B production spend p.a. combined
- ▶ One key SKY Affiliate alone spends \$US3B on annual production
- ▶ And that doesn't even count major Sports, All International Affiliates, and SKY's independent content cumulative value

THE POWER OF SKY'S BROAD CONTENT PORTFOLIO

A BACK-OF-THE-ENVELOPE COMPARISON

OTT GLOBALS

- ▶ APPLE \$US2B +
- ▶ AMAZON \$US4B +
- ▶ NETFLIX \$US7B +

SKY'S SUPPLY

- ▶ MOVIE STUDIOS \$US8B+
- ▶ DRAMA SUPPLIERS \$US8B +
- ▶ ENT AFFILIATES \$US12B +
- ▶ SPORTS \$USB...?

WILL YOUR KEY SUPPLIERS GO D.T.C.?

- ▶ Some DTC's have already gone to Australia to marginal results
- ▶ Only a couple of stand-alone brands would resonate with Kiwis
- ▶ Most SKY key content supply is already committed
- ▶ Our size and penetration still appeals to key distributors....

WHAT IS THE **OUTLOOK** FOR SKY'S CONTENT COSTS?

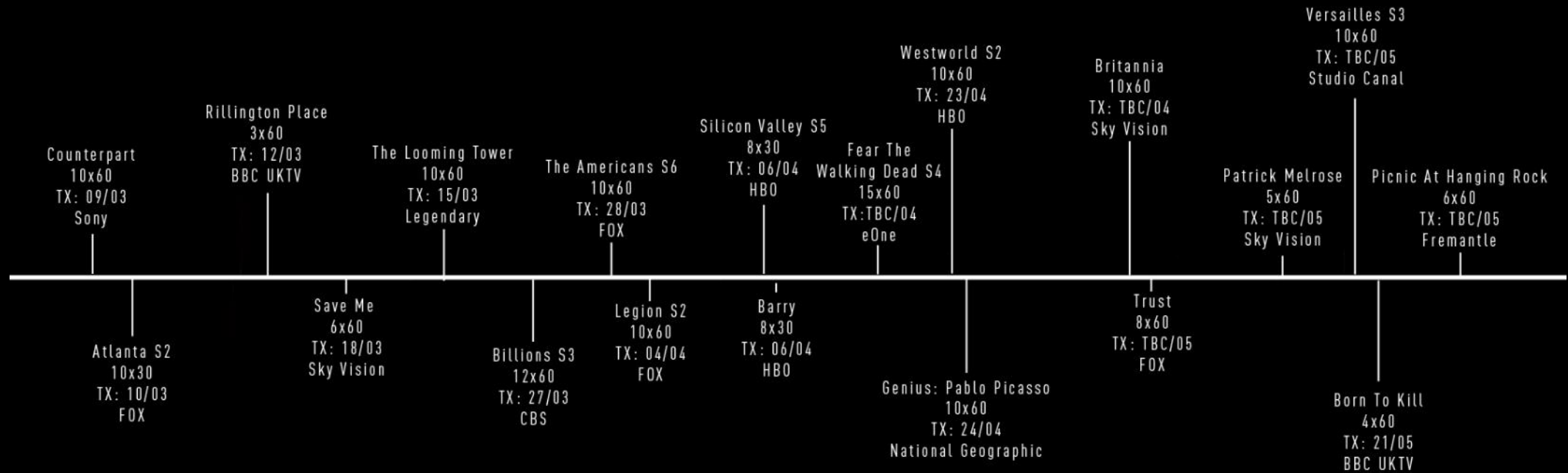
- ▶ Premium content is not without cost; however...
- ▶ As Linear viewing reduces, VOD viewership will grow
- ▶ VOD is more cost-efficient
- ▶ Non-performing VOD content can be more easily rationalised
- ▶ Improved viewing data will further help content rationalisation



IN THE MEDIA BUSINESS CONTENT IS STILL KING

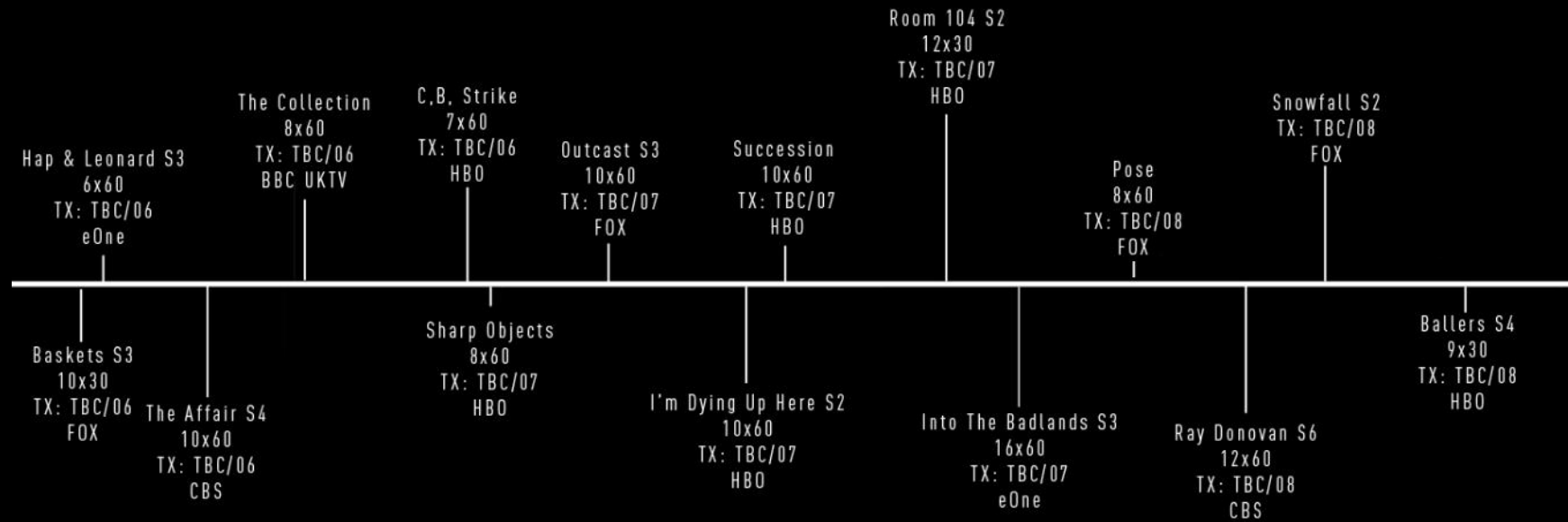
SKY's upcoming drama slate...

HIGHLY CONFIDENTIAL
Please note dates are subject to change
Images for internal use only

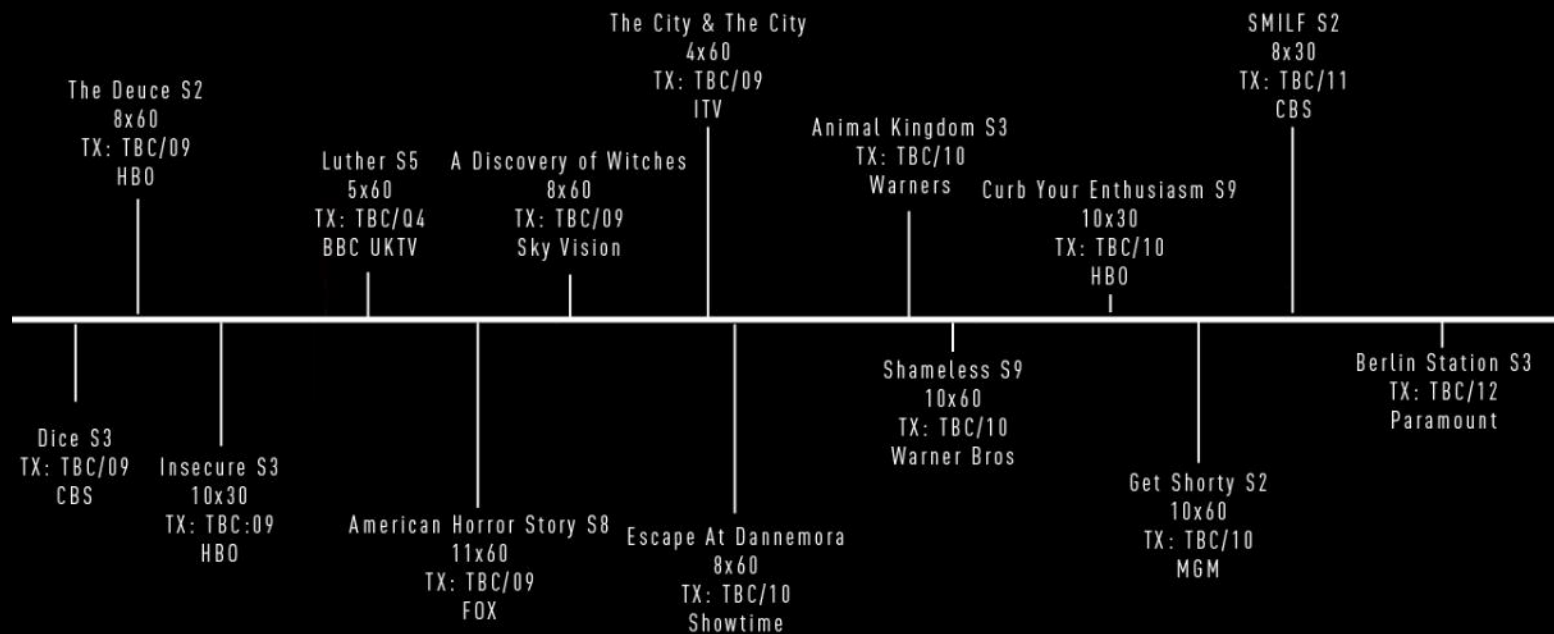


SKY Premiere Drama March - May 2018

HIGHLY CONFIDENTIAL
Please note dates are subject to change
Images for internal use only



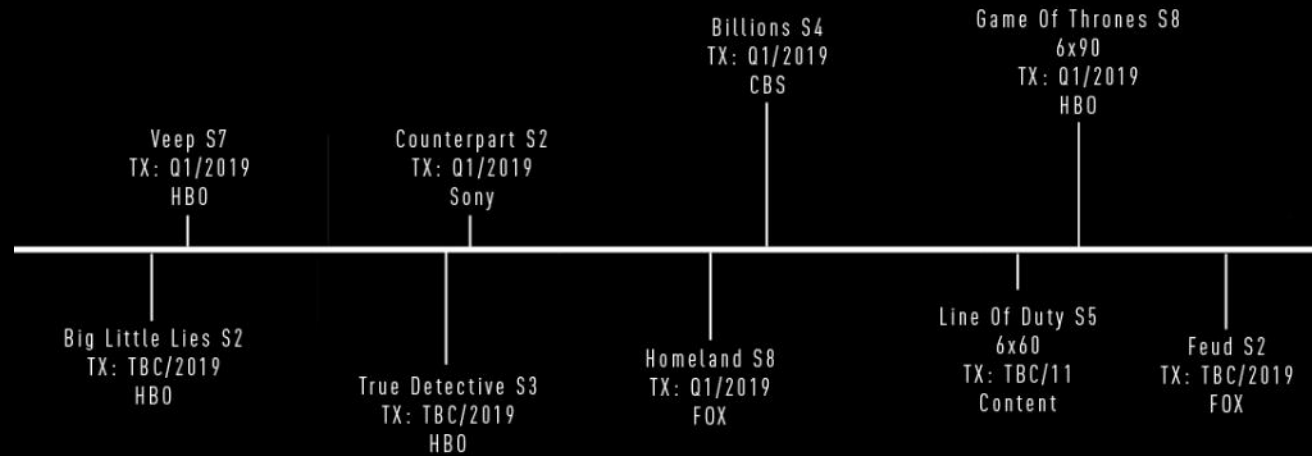
HIGHLY CONFIDENTIAL
Please note dates are subject to change
Images for internal use only



SKY Premiere Drama September - December 2018

HIGHLY CONFIDENTIAL

Please note dates are subject to change
Images for internal use only



SKY Premiere Drama 2019

The Sky logo is positioned within a yellow triangular graphic on the left side of the slide. The logo itself is in a stylized, italicized font.

ADVERTISING

RAWINIA NEWTON

**DIRECTOR OF ADVERTISING
SALES**



ADVERTISING OVERVIEW

2.6b spent on advertising in New Zealand

2017 TV revenue = \$566m

22% of all advertising spend is on television

TV advertising revenue in NZ grew 1.3% in 2017 after declining for 5 consecutive years

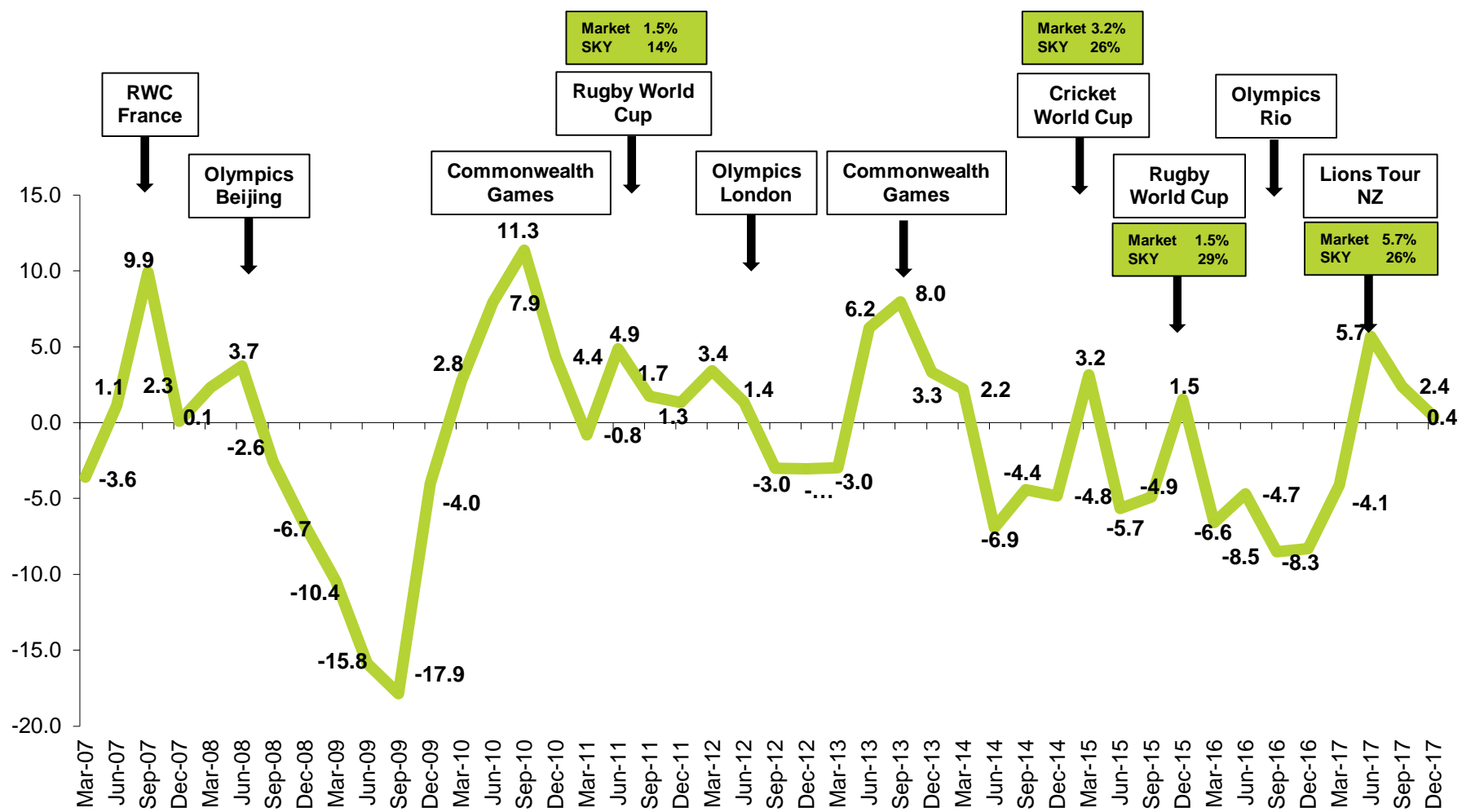
Digital continues year on year growth. +10% in 2016 to \$890m

| | | |
|----------------------|--------|--------------|
| Search & Directories | \$490m | } 72% |
| Classifieds | \$154m | |
| Display | \$143m | |
| Social Media | \$ 58m | |
| Mobile | \$ 44m | |



REVENUE UPLIFT FROM BIG SPORT EVENTS

TOTAL TELEVISION REVENUE - % CHANGE YEAR ON YEAR



SKY ADVERTISING OVERVIEW

SKY multi channel sales

- ▶ Traditional TV advertising
- ▶ Programme sponsorship
- ▶ Sport packages
- ▶ Owned and operated channels + 3rd party channel sales on behalf of Affiliate Channel partners

Successful history of increasing revenue and share by leveraging big sport events.

Sales strategy positioned around SKY's premium content, audience and low advertising minutes.



THE **FUTURE** OF TV ADVERTISING

Programmatic buying of advertising is increasing, while still small the revenue doubled in 2017

Automation of transacting airtime and inventory management is becoming mandatory

- ▶ SKY Landmark system upgrade in 2018 to enable automation of booking and optimisation of inventory

Addressable targeted advertising growing on television

- ▶ SKY investigating dynamic replacement ad insertion in live linear digital feeds eg. SKY Go and Fan Pass



THE **FUTURE** OF TV ADVERTISING

AUDIENCE MEASUREMENT

- ▶ Cross platform measurement and cross platform metrics
- ▶ Total video currency
- ▶ 50% panel expansion of the Nielsen TAM panel

ThinkTV NZ LAUNCH ON THURSDAY 29 MARCH

- ▶ SKY, TVNZ and Mediaworks launching ThinkTV in the New Zealand market
- ▶ ThinkTV is a dedicated research-driven and marketing company focused on helping the advertising and marketing community get the very best from commercial TV
- ▶ Aimed at advertising agencies, media and advertisers





REGULATORY & EXTERNAL AFFAIRS

CHRIS MAJOR

**DIRECTOR OF EXTERNAL
AFFAIRS**

GOVERNMENT RELATIONS

NEW GOVERNMENT 2017

**REGULATORY CHANGE IN BROADCASTING AND
COMMUNICATIONS SECTOR?**

- ▶ **CLASSIFICATION OF ONLINE CONTENT**
 - ▶ **ACCESSIBILITY**
 - ▶ **PUBLIC SERVICE MEDIA**
- 
- A yellow triangle is located at the bottom center of the slide, pointing upwards.

MINISTERIAL FOCUS ON NON-COMMERCIAL, 'PUBLIC GOOD' MEDIA: MORE LOCAL CONTENT AND STRONGER, INDEPENDENT JOURNALISM

3 LEVERS:

- ▶ CROWN-OWNED BROADCASTERS
- ▶ FUNDING
- ▶ REGULATION

DIGITAL CONVERGENCE

- ▶ **CONSISTENT RULES FOR TRADITIONAL AND DIGITAL CONTENT, ACROSS LOCAL AND INTERNATIONAL PROVIDERS**
- ▶ **REGULATORY RESPONSE?**
- ▶ **INDUSTRY CONSULTATION UNDERWAY**

REGULATION OF SPORT

- ▶ **FREE-TO-AIR BILL DID NOT PASS FIRST READING**
- ▶ **WOULD HAVE HAD DIRE CONSEQUENCES FOR NZ SPORT CODES**
- ▶ **NO SUCH THING AS “FREE” IN SPORT BROADCASTING – SOMEONE HAS TO PAY**

PIRACY

- ▶ **REVIEW OF COPYRIGHT ACT A PRIORITY**
- ▶ **CURRENT PIRACY TOOLS LIMITED:**
 - **'3 STRIKES' LAW INEFFECTIVE**
 - **COURT ACTION AGAINST NZ-BASED PROMOTERS OF FULLY-LOADED INTERNET STREAMING DEVICES**
- ▶ **SITE-BLOCKING ORDERS A BETTER MECHANISM**

MEDIA

- ▶ **‘FAIR DEALING’ DISPUTE RESOLVED**
 - **NZ HERALD, STUFF, MEDIAWORKS AND TVNZ**
- ▶ **ENGAGEMENT WITH NEW ZEALANDERS THROUGH TRADITIONAL AND SOCIAL MEDIA**

The Sky logo is positioned on the left side of the image, within a blue triangular graphic that points towards the center. The logo itself is in a stylized, italicized font.

OPERATIONS

MARTIN WRIGLEY
DIRECTOR OF OPERATIONS

The Sky logo, consisting of the word "SKY" in a stylized, italicized font, is positioned within a blue triangular graphic on the left side of the slide.

SKY BUSINESS

BUSINESS UNITS:

**SKY
TELEVISION**

SKY MUSIC

MOVIELINK

**BELIEVE IT
OR NOT?**

GET THE PICTURE!

ACCOMMODATION


HOTELS MOTELS

HOSPITALITY

PUBS CLUBS
LICENSED SECTORS

RETAIL/CORPORATE

OFFICES SHOPS
HOSPITALS STADIUMS

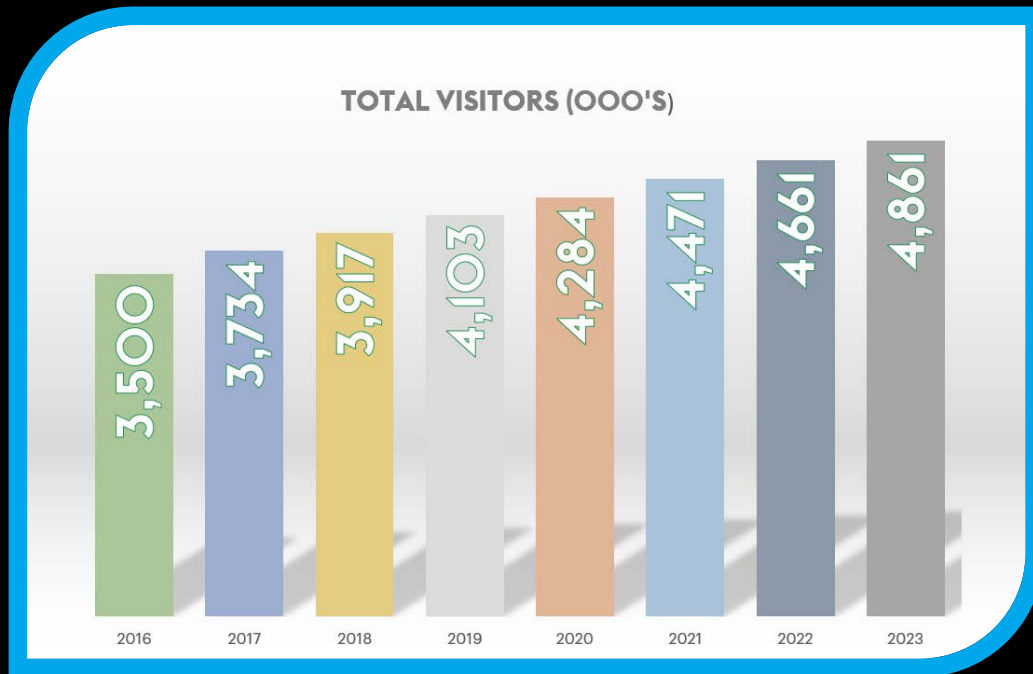
A blue upward-pointing triangle is located at the bottom center of the image.

ACCOMMODATION



- ▶ **BOOMING VISITOR NUMBERS**
- ▶ **HIGH PENETRATION**
- ▶ **50% REVENUE WITHIN THIS SECTOR**

YEAR ON YEAR ARRIVALS



- ▶ **DEMAND INCREASING**
- ▶ **CURRENT INFRASTRUCTURE WON'T CATER FOR GROWTH**
- ▶ **HEAVY INVESTMENT IN NEW HOTELS COMING ON LINE**

HOSPITALITY

- ▶ **PUBS & CLUBS**
- ▶ **LIVE SPORT & PPV**
- ▶ **30% REVENUE**



RETAIL & CORPORATE

- ▶ DIVERSE BUSINESS SECTOR
- ▶ FROM THE OFFICE, TO GYMS, TO FISHING BOATS AND EVERYTHING IN-BETWEEN
- ▶ 20% REVENUE



A word cloud of various business sectors. The words are arranged in a roughly circular shape, with 'Offices' being the largest and most central. Other prominent words include 'Malls', 'Retail', 'Stores', 'Waiting Rooms', 'Hospitals', 'Boardrooms', 'Stadiums', 'Gyms', 'Ships', 'Universities', 'Oil Rigs', 'Banks', 'Dentists', 'Shopping Centres', 'Cinemas', 'Airports', and 'Shopping'.

Shopping
Waiting Rooms
Oil Rigs Universities
Stadiums Gyms Ships
Malls Retail Stores
Offices Banks
Airports Boardrooms
Hospitals Dentists
Cinemas Shopping Centres
Retail Stores



OTHER BUSINESS UNITS



**NEW ZEALAND'S LARGEST SUPPLY OF BACKGROUND
AND FOREGROUND MUSIC TO BUSINESSES**



**OFFERING THE BEST OF NEW RELEASE PAY PER VIEW
MOVIES IN MAJOR HOTELS ACROSS NEW ZEALAND**



**HOSTING CORPORATE EVENTS AND WEEKLY QUIZZES
IN OVER 250 VENUES ACROSS NEW ZEALAND**

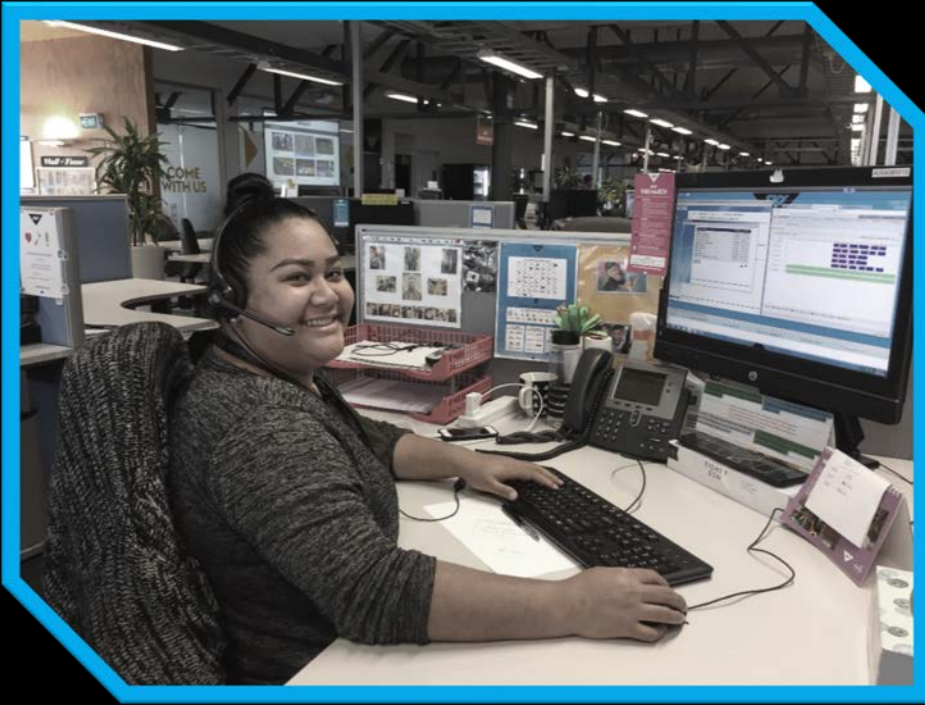


SUPPORT SERVICES

▶ **CUSTOMER
SERVICES**

▶ **TECHNICAL
SUPPORT**

CUSTOMER SERVICE



- ▶ **KIWI BASED CONTACT CENTRE**
- ▶ **SKILLED ACROSS ALL CHANNELS**
- ▶ **MULTI AWARD WINNING**

TECHNICAL SUPPORT

- ▶ **SKILLED INSTALLER BASE**
- ▶ **NATIONWIDE SUPPORT NETWORK**
- ▶ **SHORT LEAD TIME FOR SERVICE**





SKY

FINANCE

**JASON
HOLLINGWORTH**
CFO

STRATEGY

- ▶ **STABILISE EARNINGS & SUBSCRIBER GROWTH**
- ▶ **SUBSCRIBER GROWTH VS REVENUE LOST FROM SPIN DOWN**
- ▶ **OTT GROWTH TO LEVERAGE FIXED PROGRAM COSTS**

SKY'S COST STRUCTURE

| | IH FY18, \$m | % |
|----------------------------------|--------------|-----|
| REVENUE | 433.1 | |
| PROGRAMMING FIXED | 100.14 | 23% |
| PROGRAMMING VARIABLE | 66.76 | 15% |
| VARIABLE SUBSCRIBER COSTS | 42 | 10% |
| FIXED B&I | 46.1 | 11% |
| FIXED OTHER | 24.6 | 6% |
| TOTAL COSTS | 279.6 | 65% |
| EBITDA | 153.5 | 35% |
| DEPRECIATION | 51.2 | 12% |
| EBIT | 102.3 | 24% |

- ▶ Core ARPU \$83.98
- ▶ 25% of Costs Variable, Contribution Margin > \$62
- ▶ Spin Down Costs \$17 vs \$62 when Customers Churn

SKY'S COST STRUCTURE: SPIN DOWN RISK

- ▶ SUBSCRIBER SPINDOWN @ \$17 NET MARGIN
- ▶ LOST SOHO REVENUE, \$8 MILLION PER PA
- ▶ NEW CUSTOMERS @ \$45 NET MARGIN

SKY'S COST STRUCTURE: PROGRAM COSTS

- ▶ **APPROX 50% PROGRAM COSTS RELATE TO SPORT**
- ▶ **SPORTS TIER @\$29.90 < SPORTS PROGRAM COSTS**
- ▶ **PROGRAM COSTS: 40% NZ\$, 40% US\$, 20% A\$**
- ▶ **SATELLITE TO BECOME A FINANCE LEASE (\$A30M PA)**

SKY'S COST STRUCTURE: DEPRECIATION

DEPRECIATION ON EXISTING SKY ASSETS @ 31 DECEMBER 2017, \$

| FY18 | FY19 | FY20 | FY21 | FY22 |
|------------|------------|------------|------------|------------|
| 98,573,999 | 81,605,407 | 58,875,478 | 33,014,270 | 11,394,801 |

SATELITE

- ▶ **DI SIGNED 2003, LAUNCHED 2006, EOL 2021**
- ▶ **WE INTEND TO SECURE CAPACITY BEYOND 2021;**
 - **4 v 7 TRANSPONDERS**
 - **SHORT TERM LEASE**
 - **100K RURAL + 200-300K HAPPY MYSKY CUSTOMERS**
 - **100% NZ COVERAGE (STRATEGIC)**
- ▶ **TARGET IS 50% COST**
- ▶ **WILL HAVE PARTIAL OFFSET FROM IP DELIVERY COSTS**

SATELITE PLATFORM

| | TODAY |
|---------------------------------|---------|
| PACE STB | 330,000 |
| KAON STBS – FUSION | 370,000 |
| KAON STBS – IVP | |
| NEW 4K STB | |
| TRADITIONAL TV PUCK | |
| TRADITIONAL TV CUSTOMERS | 700,000 |
| OTT PUCK | |
| SKY APP | |
| | 700,000 |
| MULTIROOM/COMMERCIAL | 270,000 |
| TOTAL STB'S | 970,000 |

- Mix will depend upon:
- Securing New Content Rights
 - Cost Effective Multicast /CDN Capacity
 - Consumer Uptake of Uncapped B.B.
 - Interest in linear v VOD

CAPEX PROFILE

| Illustration of Capex Profile (\$000) | | | | |
|---------------------------------------|---------------|---------------|---------------|---------------|
| | FY18 | FY19 | FY20 | FY21 |
| INSTALL | 20,000 | 15,000 | 10,000 | 5,000 |
| DECODERS | 10,000 | 15,000 | 15,000 | 15,000 |
| TV STATION | 5,000 | 5,000 | 30,000 | 5,000 |
| OB TRUCKS | - | - | 12,000 | 12,000 |
| PROJECTS | 35,000 | 35,000 | 20,000 | 20,000 |
| TOTAL | 70,000 | 70,000 | 87,000 | 57,000 |

- ▶ 4K/HDR Investment presents monetisation and differentiation opportunities

FOR ILLUSTRATIVE PURPOSES ONLY, THIS IS NOT GUIDANCE

GOODWILL

- ▶ **\$1.4 BILLION ASSET**
- ▶ **NTA \$3.47/SHARE**
- ▶ **IMPAIRMENT IS A NON CASH CHARGE**

DEBT AND DIVIDENDS

- ▶ **\$168M BANK DEBT, \$100M BOND @ 31 DECEMBER 2017**
- ▶ **SANZAR ENDS DECEMBER 2020, BANK FACILITY MATURES JULY 2020, BOND MATURES MARCH 2021**
- ▶ **5 DIVIDEND PAYMENTS TO JULY 2020
(5 X 7.5 CPS = \$145M)**
- ▶ **7.5 CPS INTERIM = 38% OF NPAT**

DISCLAIMER

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GLOSSARY

| | | | | | | | |
|-------|------------------------------------|--------|--|------|----------------------------------|--------|---|
| 3D | Three Dimensional | DSR | Direct Sales Representative | IHDD | Internal Hard Disk Drive | PUP | Post-production Upgrade Project |
| 4K | 4 times resolution of HD | DSSG | Digital Switchover Steering Group | IP | Internet Protocol | PVR | Personal Video Recorder |
| ACC | Accident Compensation Corporation | DTH | Direct to Home (satellite delivery) | ISP | Internet Service Provider | PWO | Paperless Work Order |
| ADSL | Asymmetric Digital Subscriber Line | DTC | Direct to Consumer | ISU | Impulse Subscription Upgrade | ROI | Return on Investment |
| AGB | AGB Nielsen | DTT | Digital Terrestrial Transmission | IPL | Indian Premiere League | RR | Remote Record |
| AMS | Audience Measurement System | DVD | Digital Versatile Disc | IPPV | Impulse Pay Per View | RWC | Rugby World Cup |
| AP | All People | EBITDA | Earnings before Interest Tax Depreciation & Amortisation | IPTV | Internet Protocol Television | SaaS | Software as a Service |
| ARM | Advanced Rights Management | EOL | End of Life | ISU | Impulse Subscription Upgrade | SANZAR | South Africa, New Zealand and Australia Rugby |
| ARPU | Average Revenue per User | EOY | End of Year | KPI | Key Performance Indicator | SBO | SKY Box Office |
| ASO | Analogue Switch Off | EPG | Electronic Programme Guide | LNB | Low Noise Block Converter | SD | Standard Definition |
| BCU | Broadcast Centre Upgrade | EPO | Enterprise Project Office | LYR | Last Year | SIP | Session Initiated Protocol |
| BP | Bookable Promo | EPMO | Enterprise Portfolio Management Office | MAM | Media Asset Management | SMS | Subscriber Management System |
| BOM | Bill of Materials | ERP | Enterprise Resource Planning | MED | Ministry of Economic Development | STB | Set Top Box |
| CA | Conditional Access | EST | Electronic Sell Through | NAS | Network Attached Storage | SOA | Service Orientated Architecture |
| CAPEX | Capital Expenditure | FCF | Free Cash Flow | NPAT | Net Profit After Tax | SSO | Single Sign On |
| CBA | Cost Benefit Analysis | FGF | Friend get Friend | NRL | National Rugby League | SVOD | Subscription Video on Demand |
| CCI | Consumer Comfort Index | FTA | Free to Air | NZOA | New Zealand On Air | TCL | TelstraCLEAR |
| CDN | Content Delivery Network | FTE | Full Time Equivalent | OD | On Demand | TSR | Tier Structure Review |
| CMS | Content Management System | GDP | Gross Domestic Product | OMP | Online Media Platform | TVNZ | Television New Zealand |
| CPI | Consumer Price Index | GE | General Entertainment | OPEX | Operational Expenditure | TVOD | Transactional Video on Demand |
| CPS | Cents per Share | GST | Goods and Services Tax | OSB | Outside Broadcast | UFB | Ultrafast Broadband |
| CPVH | Cost per Viewer Hour | GUI | Graphical User Interface | OTT | Over the Top | UHF | Ultra High Frequency |
| CRM | Customer Relationship Management | HD | High Definition | PAN | Panorama Road | UI | User Interface |
| CSR | Customer Service Representative | HDR | High Dynamic Range | PMO | Project Management Office | UX | User Experience |
| CSS | Customer Self Service | HDTV | High Definition Television | PPV | Pay Per View | VDSL | Very High Speed Digital Subscriber Line |
| CWG | Commonwealth Games | HTS | Hybrid Television Services | POC | Proof on Concept | VFNZ | Vodafone New Zealand |
| DDS | Dynamic Decisioning System | IBC | International Broadcaster Centre | POP | Point of Presence | VOD | Video on Demand |
| DM | Direct Marketing | IBMS | Integrated Broadcast Management System | PS3 | Playstation 3 | WFM | Work Force Management |
| DR | Disaster Recovery | ICC | International Cricket Council | PSB | Public Service Broadcasting | YOY | Year on Year |
| DRM | Digital Rights Management | IDTV | Integrated Digital Television | PSP | Playstation Portable | | |