

Sanford

An Alternative Valuation

GUY HOOPER

guy.hooper@forsythbarr.co.nz
+64 4 495 5255

OUTPERFORM

Sanford (SAN) provides investors exposure to a series of unique, quasi-property assets, in its significant fishing quota holdings and extensive marine farm licences. SAN's share price has seen a material de-rating through 2020 as the company attempts to navigate COVID-19 headwinds. Whilst news flow is expected to remain negative in the short-term, we view SAN's share price as approaching an asset backed support level (book value of quota & licenses NZ\$5.21/share) and therefore see an attractive entry point. We estimate a market sum of the parts valuation of SAN's quota and marine farms is NZ\$8.37/share, based on a mixture of market transactions and comparable values. At the current market price, investors are receiving the aquaculture assets for free.

NZX Code	SAN	Financials: Sep/	19A	20E	21E	22E	Valuation (x)	19A	20E	21E	22E
Share price	NZ\$5.54	NPAT* (NZ\$m)	40.0	27.2	36.1	50.5	PE	13.0	19.0	14.4	10.3
Target price	NZ\$7.45	EPS* (NZc)	42.7	29.1	38.5	53.9	EV/EBIT	10.2	14.9	12.0	9.0
Risk rating	Medium	EPS growth* (%)	0.4	-32.0	32.4	39.9	EV/EBITDA	7.7	9.9	8.0	6.3
Issued shares	93.6m	DPS (NZc)	23.0	13.0	20.0	23.0	Price / NTA	5.5	4.8	4.1	3.3
Market cap	NZ\$519m	Imputation (%)	100	100	100	100	Cash div yld (%)	4.1	2.3	3.6	4.2
Avg daily turnover	84.0k (NZ\$542k)	*Based on normalised profits					Gross div yld (%)	5.8	3.3	5.0	5.8

Underlying asset value provides downside support

SAN's quota holdings and extensive marine farm interests provide value support in our view. Recent earnings disruption has limited impact on the underlying productivity and therefore value of these assets.

- **Fishing quota** — SAN holds c. 19% of New Zealand's total fishing quota. We estimate the value of SAN's quota share using the average open market transaction price for quota over the past ten years, excluding any data points that appear to be outliers. Our spot valuation range for SAN's quota holdings is NZ\$5.89/share to NZ\$6.68/share.
- **Marine farms** — SAN's marine licences are generally granted on a 25 year basis, with the likelihood of renewal subject to the continual suitability of consent conditions. With no active markets for marine consents, we use comparable company and transaction analysis to reach our spot valuation of NZ\$2.08/share.

We recognise the inherent issues in quota and marine farm license valuation techniques (limited active market, ownership constraints, convoluted nature of transactions, etc.), and therefore do not include these methods in our formal SAN valuation. Instead we suggest investors use these valuations as a reference point.

Short-term earnings suppressed, long-term asset productivity intact with growth optionality

The collapse of the foodservice channel, amid COVID-19 disruption, has materially weighed on short-term earnings. The demand recovery path is highly uncertain, and SAN is actively targeting redeployment of volume into retail channels. We expect earnings are likely to remain under pressure until we see a normalisation of the food supply channels. However, recent market disruption has limited impact on the underlying productivity and therefore value of its assets. In addition SAN offers attractive medium-term earnings growth should it execute on its value add strategy with longer-term optionality from additional aquaculture volume opportunities, in our view.

Sanford Ltd (SAN)

Priced as at 29 Sep 2020 (NZ\$) 5.54

12-month target price (NZ\$)*	7.45
Expected share price return	34.5%
Net dividend yield	3.6%
Estimated 12-month return	38.1%

Key WACC assumptions	
Risk free rate	1.30%
Equity beta	1.04
WACC	6.7%
Terminal growth	2.0%

Spot valuations (NZ\$)	
1. DCF	7.86
2. Comparative multiples	6.50
3. Market multiple	n/a

DCF valuation summary (NZ\$m)	
Total firm value	867
(Net debt)/cash	(131)
Less: Capitalised operating leases	
Value of equity	736

Profit and Loss Account (NZ\$m)	2018A	2019A	2020E	2021E	2022E
Sales revenue	515.0	545.1	482.4	556.6	599.9
Normalised EBITDA	86.7	85.7	67.3	84.2	107.3
Depreciation and amortisation	(19.7)	(20.9)	(22.9)	(27.8)	(32.0)
Normalised EBIT	67.0	64.8	44.4	56.4	75.3
Net interest	(8.1)	(7.9)	(6.5)	(6.3)	(5.2)
Associate income	0	0	0	0	0
Tax	17.7	17.6	10.6	14.0	19.6
Minority interests	0	0	0	0	0
Normalised NPAT	39.8	40.0	27.2	36.1	50.5
Abnormals/other	2.5	1.7	0	0	0
Reported NPAT	42.3	41.7	27.2	36.1	50.5
Normalised EPS (cps)	42.6	42.7	29.1	38.5	53.9
DPS (cps)	23.0	23.0	13.0	20.0	23.0

Growth Rates	2018A	2019A	2020E	2021E	2022E
Revenue (%)	7.7	5.9	-11.5	15.4	7.8
EBITDA (%)	5.0	-1.1	-21.5	25.1	27.4
EBIT (%)	5.0	-3.2	-31.6	27.1	33.5
Normalised NPAT (%)	0.1	0.4	-32.0	32.4	39.9
Normalised EPS (%)	0.0	0.4	-32.0	32.4	39.9
Ordinary DPS (%)	-0.2	0.0	-43.4	53.8	15.0

Cash Flow (NZ\$m)	2018A	2019A	2020E	2021E	2022E
EBITDA	86.7	85.7	67.3	84.2	107.3
Working capital change	6.4	(3.1)	(22.2)	1.6	4.7
Interest & tax paid	(25.7)	(25.5)	(17.1)	(20.3)	(24.8)
Other	5.3	(8.4)	(0.0)	0	0
Operating cash flow	72.6	48.7	27.9	65.5	87.2
Capital expenditure	(24.7)	(38.3)	(44.9)	(62.8)	(62.0)
(Acquisitions)/divestments	1.6	32.9	0	0	0
Other	0	0	0	0	0
Funding available/(required)	49.5	43.2	(17.0)	2.7	25.2
Dividends paid	(21.5)	(21.5)	(12.2)	(18.7)	(21.5)
Equity raised/(returned)	0	0	0	0	0
(Increase)/decrease in net debt	28.0	21.7	(29.2)	(16.0)	3.7

Balance Sheet (NZ\$m)	2018A	2019A	2020E	2021E	2022E
Working capital	63.2	66.3	88.5	86.9	82.2
Fixed assets	130.8	141.8	163.8	198.8	228.8
Intangibles	506.2	493.1	493.1	493.1	493.1
Right of use asset	0	0	0	0	0
Other assets	74.1	70.9	69.9	69.6	70.2
Total funds employed	774.3	772.1	815.3	848.4	874.3
Net debt/(cash)	152.4	130.7	159.8	175.9	172.2
Lease liability	0	0	0	0	0
Other liabilities	40.0	53.3	53.3	53.3	53.3
Shareholder's funds	581.3	587.5	601.5	618.6	648.2
Minority interests	0.6	0.7	0.7	0.7	0.7
Total funding sources	774.3	772.1	815.3	848.4	874.3

* Forsyth Barr target prices reflect valuation rolled forward at cost of equity less the next 12-months dividend

Valuation Ratios	2018A	2019A	2020E	2021E	2022E
EV/EBITDA (x)	7.8	7.7	9.9	8.0	6.3
EV/EBIT (x)	10.2	10.2	14.9	12.0	9.0
PE (x)	13.0	13.0	19.0	14.4	10.3
Price/NTA (x)	6.9	5.5	4.8	4.1	3.3
Free cash flow yield (%)	9.2	2.0	-3.3	0.5	4.9
Net dividend yield (%)	4.1	4.1	2.3	3.6	4.2
Gross dividend yield (%)	5.8	5.8	3.3	5.0	5.8

Capital Structure	2018A	2019A	2020E	2021E	2022E
Interest cover EBIT (x)	8.3	8.2	6.8	9.0	14.4
Interest cover EBITDA (x)	10.7	10.9	10.3	13.4	20.6
Net debt/ND+E (%)	20.8	18.2	21.0	22.1	21.0
Net debt/EBITDA (x)	1.8	1.5	2.4	2.1	1.6

Key Ratios	2018A	2019A	2020E	2021E	2022E
Return on assets (%)	8.3	7.9	5.2	6.3	8.2
Return on equity (%)	6.9	6.8	4.5	5.8	7.8
Return on funds employed (%)	6.9	5.8	4.3	5.1	6.5
EBITDA margin (%)	16.8	15.7	13.9	15.1	17.9
EBIT margin (%)	13.0	11.9	9.2	10.1	12.6
Capex to sales (%)	4.8	7.0	9.3	11.3	10.3
Capex to depreciation (%)	125	184	196	226	194
Imputation (%)	100	100	100	100	100
Pay-out ratio (%)	54	54	45	52	43

Operating Performance	2018A	2019A	2020E	2021E	2022E
Revenue split (division)					
Wild catch	365.6	370.7	287.6	345.2	366.2
Mussels	103.0	114.5	126.7	135.7	144.7
Salmon	46.3	60.0	68.0	75.7	89.1
Total	86.7	85.7	67.3	84.2	107.3

Catch split (division GWT)	2018A	2019A	2020E	2021E	2022E
Wild catch	92,612	90,351	72,281	86,737	88,472
Mussels	26,976	29,419	37,142	38,999	39,779
Salmon	3,498	4,028	4,270	4,483	4,909
Total	123,086	123,798	113,693	130,219	133,160
EBIT	67.0	64.8	44.4	56.4	75.3
EBIT (\$/kg)	0.53	0.56	0.43	0.48	0.62

An alternative valuation – Asset based sum of the parts

Sanford's (SAN) share price has experienced a material de-rating in 2020, off -30% year to date. A collapse in the foodservice channel and commodity price weakness has weighed on near-term earnings. We forecast FY20E EBIT to fall -32% against the prior comparable period. We expect earnings to remain under pressure until we see a normalisation of food supply channels, and although the demand recovery path is highly uncertain, global food scarcity/security concerns underpin our view of recovery.

Given the market sell off and current period of turbulence (COVID-19 disruption, management change), we re-visit a sum of the parts (SOTP) asset focussed valuation. The purpose of this exercise is to frame the discussion around the underlying asset value investors are gaining exposure to. We view SAN's unique assets as quasi-property and recent market disruption has limited impact on the underlying productivity and therefore value of these assets.

Unique assets – transaction based valuation

SAN has a unique asset in its significant holding of New Zealand's fish stock quota and marine farm licenses.

- **Fishing quota** – In an environment of constrained supply and growing demand, we believe this property right provides investors downside protection with price support at the quota value. SAN's balance sheet valuation of its quota is NZ\$386m (NZ\$4.13/share), this compares to our spot valuation range based on recent market transactions of NZ\$588 (NZ\$6.29/share).
- **Aquaculture** – There is no active market for marine farms, however, listed and unlisted trading multiples provide a benchmark. We estimate the asset value of SAN's marine farms is NZ\$195m (NZ\$2.08/share). SAN's book value of its marine farm licences is NZ\$101m (NZ\$1.08/share).

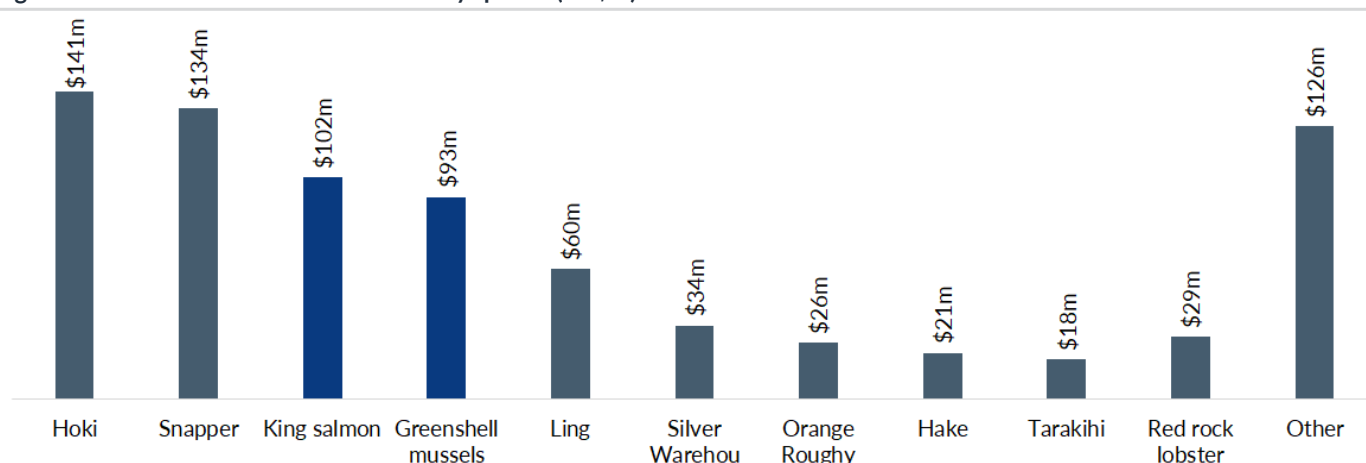
We recognise the inherent issues in quota and marine farm license valuation techniques (limited active market, ownership constraints, convoluted nature of transactions, etc.), and therefore do not include these methods in our formal SAN valuation. Instead we suggest investors use these valuations as a reference point.

Figure 1. SAN estimated net asset value

	Value (NZ\$m)	Per share (NZ\$)	Comment
Fishing quota value	588	6.29	Based on market quota transactions
Salmon farm value	102	1.09	Using a market cap to harvest tonnage multiple
Mussel farm value	93	0.99	Historic transaction value
Working capital	88	0.94	FY19 balance sheet value
Vessels	74	0.79	FY19 balance sheet value
Net cash/(debt)	(160)	(1.70)	FY19 net debt balance
Estimate Value of SAN NTA	785	8.40	
Current Market Value	521	5.57	Issued Shares 94.0m
Implied Discount to Market Value	264	2.83	At current share price, investors are buying the Aquaculture assets for free

Source: Forsyth Barr analysis

Figure 2. Estimated valuation distribution by species (NZ\$m)



Source: Fishserve, Bloomberg, Forsyth Barr analysis

NZ fisheries quota system – Property right in perpetuity

The Quota Management System (QMS), introduced to New Zealand in 1986, saw private property rights assigned in the form of quota to commercial fisheries, of which SAN is one of the largest owners with c. 19%. New Zealand's fisheries are widely considered as one of the most sustainable in the world. The fisheries are separated into fish stocks by species and location. Every fish stock has a separate quota and 100m shares of quota attributable to each fish stock. Every fishing year (year end 30 September for most species) a total allowable commercial catch (TACC) is set with quota holders entitled to a representative percentage of the TACC. This specified amount is known as the annual catch entitlement (ACE). Quota can be openly traded and transactions are recorded by FishServe.

Quota valuation NZ\$6.29/share

We estimate the value of SAN's quota share using the average open market transaction price for quota over the past ten years, excluding any data points that appear to be outliers. Our spot valuation range for SAN's quota holdings is NZ\$551m to NZ\$625m, which equates to a per share range of NZ\$5.89/share to \$6.68/share. To reach our valuation range we apply three methods:

1. The average transaction price per quota share by fish stock – The transaction implied value per quota share multiplied by SAN's fish stock quota ownership.
2. The average value per tonne by fish stock – Transaction implied value per tonne (calculated using ACE at time of transaction) multiplied by SAN's FY20 fish stock ACE.
3. The average value per tonne by fish species – Average transaction implied value per tonne (calculated using ACE at time of transaction) for each species multiplied by SAN's FY20 species ACE.

The large variance in the values comes from a lack of data. Where no trades had occurred we omit a value for the fish stock, meaning only a portion of SAN's quota ownership was included in the valuation. This suggests there is some upside to the determined valuation range.

Figure 3. Quota valuation methods

	Methods	Based on	Value (NZ\$m)	Per share (NZ\$)	% quota captured
1	Sum product of value per quota trade	Individual fish stock value	589.2	6.30	82%
2	Sum product of value per tonne (based on FY20 ACE)	Individual fish stock value	550.8	5.89	82%
3	Sum product of value per tonne (based on FY20 ACE)	Aggregate species value	624.7	6.68	93%
	Average		588.2	6.29	86%

Source: Forsyth Barr analysis

Valuation by species

SAN's largest quota holding based on FY20 ACE is Hoki which is also its single largest wild capture earnings contributor, largely due to the significant volume. SAN's Toothfish earnings contributions relative to other species are boosted by fisheries not managed within the New Zealand QMS.

Figure 4. SAN top five exposure by wild catch species

Rank	Quota value*	Quota volume (ACE)	Earnings*
1	Hoki	Arrow squid	Hoki
2	Snapper	Hoki	Toothfish
3	Ling	Barracouta	Scampi
4	Orange Roughy	Ling	Orange Roughy
5	Silver Warehou	Southern Blue Whiting	Snapper

Source: Fishserve, Forsyth Barr analysis * estimate

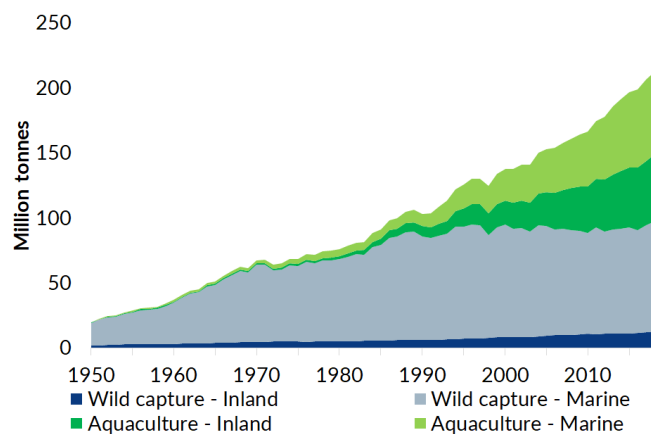
Does recent disruption impact the underlying value?

Our valuation range is based on pre COVID-19 transactions, which raises the question: has there been a change to the underlying value? We think the answer is no. There are three key drivers of quota valuation – productivity, cost, and price. The latter being most disrupted in the short-term by COVID-19.

The underlying productivity of New Zealand's fisheries is unchanged by the pandemic and arguably so is the cost to catch. However, prices achieved have fallen following the disruption to the foodservice channel. Our view is that prices normalise over time as channel

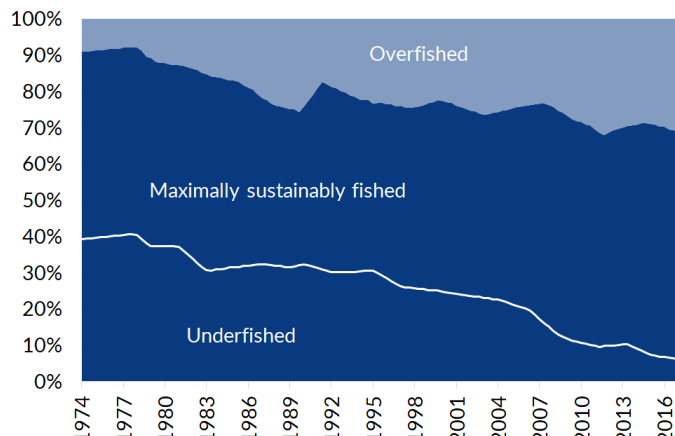
recovery/re-distribution occurs, backed by food security/scarcity remaining a global concern. Wild capture volumes globally have been declining (Figure 5), a trend likely to continue (Figure 6), which should see long-term value appreciation.

Figure 5. Wild capture volumes flat to in decline



Source: Forsyth Barr analysis, UN FAO

Figure 6. State of the world's fish stocks in decline



Source: Forsyth Barr analysis, UN FAO

Marine farms

SAN has a number of marine licences to farm King salmon and Greenshell mussels. These licenses are generally granted on a 25 year basis, with the likelihood of renewal subject to the continual suitability of consent conditions.

SAN's largest licences include its Big Glory Bay salmon farms and extensive mussel licences in the Marlborough Sounds. With no active market for marine farms and availability of new coastal space limited, we use comparable company/transactional analysis to gauge farm value. We estimate the value of SAN's aquaculture marine farms are c. NZ\$195m (NZ\$2.08/share).

King salmon – Big Glory Bay valuation NZ\$1.09/share

Our comparable valuation of SAN's King salmon farms is based on an equity value per production tonne (normalised FY19 harvest). We use New Zealand King Salmon (NZK) to benchmark against SAN, given it is the only other listed King salmon farmer and the only other listed finfish farmer in New Zealand. As SAN realises production, benefits from its consent uplift could provide upside.

We also present valuations based on Australian and Norwegian peers but note comparisons are less direct, with the companies producing a different species of salmon and having varied market and earnings exposures.

Figure 7. Salmon comparable valuation – NZ King Salmon (NZK)

Company	FY19 harvest weight (MT)	Value per share (NZ\$)	Equity value (NZ\$m)	Equity value/'000 MT
NZK	9,000	1.74	242	26.9
	FY19 harvest weight (MT)	Implied value per share (NZ\$)	Implied equity value (NZ\$m)	Equity value/'000 MT
SAN - based on NZK	3,800	1.09	102	26.9
SAN - based on Australian peers	3,800	0.78	73	19.2
SAN - based on Norwegian peers	3,800	1.44	134	35.3

Source: Bloomberg, Company reports, Forsyth Barr analysis

Greenshell mussels – Farm valuation NZ\$0.99/share

We value SAN's Greenshell mussel farms at NZ\$93m (NZ\$0.99/share). Our valuation is based on SAN's historic acquisition of Pacifica Seafoods aquaculture operations in 2010. SAN acquired Pacifica for NZ\$85m, which included inventories, biological assets, and plant/vessels. SAN recognised NZ\$56m asset for the marine farms which we base our valuation on. Since 2010, the export price (NZ\$ FOB) of Greenshell mussels has increased at a CAGR of +4.6%.

Figure 8. Mussels comparable valuation – Pacifica Seafoods

	Production at time of purchase (MT)	Value/'000 MT	Equity value (NZ\$m)*	Value per share (NZ\$)
Pacifica acquisition	18,000	3.09	55.7	0.60
	FY19 Production (MT)	Implied value/'000 MT	Implied equity value (NZ\$m)	Implied value per share (NZ\$)
SAN	30,000	3.09	92.8	0.99

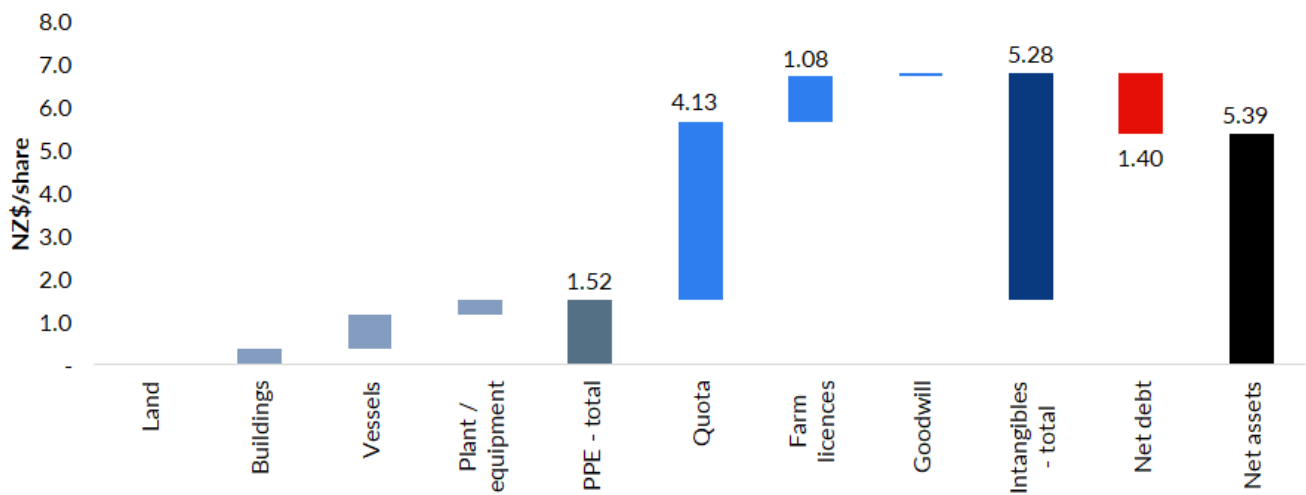
Source: Company reports, Forsyth Barr analysis *value recognised for marine farms

Book value comparison

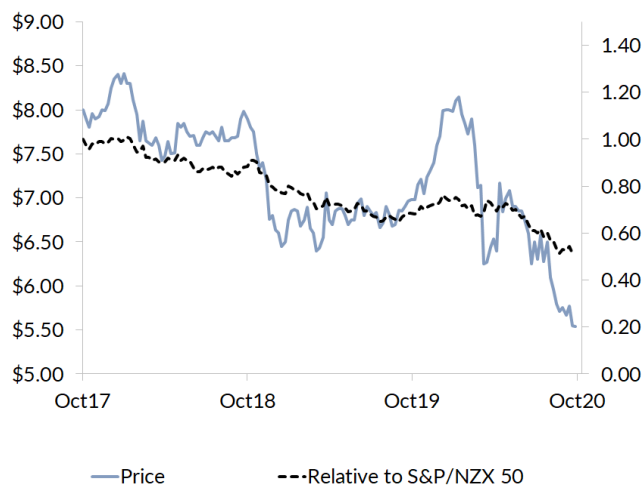
As a reference point, we include a breakdown of the book value of SAN's marine assets.

- **Fishing quota NZ\$386.0m (NZ\$4.13/share)** – Purchased fishing quota is carried at cost less impairment losses. Quota and licences which are initially recognised on the basis of previous permits, catch history or when purchased through business combinations are initially valued at fair value on allocation.
- **Marine licenses NZ\$101.2m (NZ\$1.08/share)** – Marine farm licences are recorded at cost, or when purchased through business combinations are initially measured at fair value.

Figure 9. Balance sheet breakdown (NZ\$)



Source: Company reports, Forsyth Barr analysis

Figure 10. Price performance


Source: Forsyth Barr analysis

Figure 11. Substantial shareholders

Shareholder	Latest Holding
Amalgamated Dairies Ltd	12.0%
Harbour Asset Management & Jarden Securities Limited	8.1%
Tasman, Arden and Past	7.1%
Masfen	6.3%
Forsyth Barr Investment Management	5.6%

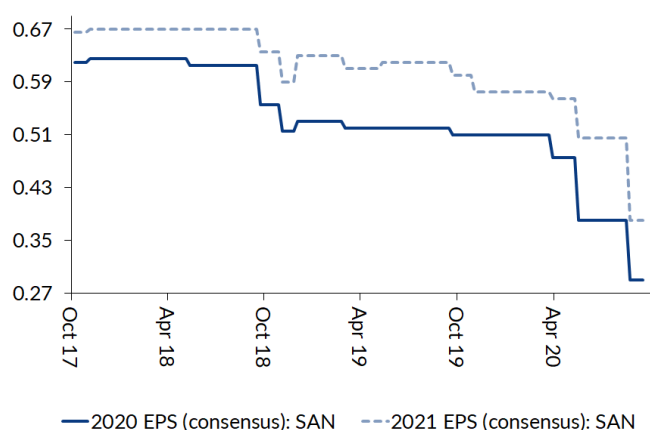
Source: NZX, Forsyth Barr analysis, NOTE: based on SPH notices only

Figure 12. International valuation comparisons

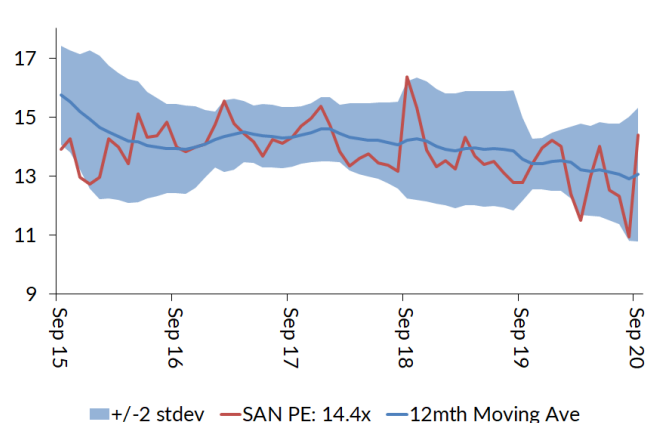
Company	Code	Price	Mkt Cap (m)	PE 2020E	PE 2021E	EV/EBITDA 2020E	EV/EBITDA 2021E	EV/EBIT 2020E	EV/EBIT 2021E	Cash Yld 2021E
(metrics re-weighted to reflect SAN's balance date - September)										
Sanford	SAN NZ	NZ\$5.54	NZ\$519	19.0x	14.4x	9.7x	7.7x	14.6x	11.5x	3.6%
NEW ZEALAND KING SALMON *	NZK NZ	NZ\$1.70	NZ\$236	17.8x	27.6x	10.6x	11.1x	17.0x	18.7x	2.1%
NIPPON SUISAN KAISHA	1332 JT	¥448.00	¥139,969	9.8x	9.2x	8.1x	8.0x	n/a	n/a	2.0%
HIGH LINER FOODS INC	HLF CN	US\$8.53	US\$284	14.0x	9.2x	8.0x	7.5x	10.7x	n/a	n/a
HUON AQUACULTURE GROUP	HUO AT	A\$2.95	A\$322	44.4x	17.7x	11.0x	10.9x	<0x	<0x	2.2%
TASSAL GROUP	TGR AT	A\$3.53	A\$739	10.4x	10.2x	7.0x	7.2x	10.8x	10.2x	5.4%
SCALES *	SCL NZ	NZ\$4.89	NZ\$695	20.7x	21.0x	9.7x	9.4x	13.3x	13.2x	4.2%
COMVITA *	CVT NZ	NZ\$3.26	NZ\$227	>50x	20.2x	12.4x	11.3x	26.3x	19.8x	1.3%
Compcop Average:				19.5x	16.4x	9.5x	9.3x	15.6x	15.5x	2.8%
SAN Relative:				-2%	-13%	1%	-17%	-6%	-26%	27%

EV = Current Market Cap + Actual Net Debt

Source: *Forsyth Barr analysis, Bloomberg Consensus, Compcop metrics re-weighted to reflect headline (SAN) companies fiscal year end

Figure 13. Consensus EPS momentum (NZ\$)


Source: Forsyth Barr analysis

Figure 14. One year forward PE (x)


Source: Forsyth Barr analysis

Analyst certification: The research analyst(s) primarily responsible for the preparation and content of this publication ("**Analysts**") are named on the first page of this publication. Each such Analyst certifies (other than in relation to content or views expressly attributed to another analyst) that (i) the views expressed in this publication accurately reflect their personal views about each issuer and financial product referenced and were prepared in an independent manner, including with respect to Forsyth Barr Limited and its related companies; and (ii) no part of the Analyst's compensation was, is, or will be, directly or indirectly, related to the specific recommendations or views expressed by that Analyst in this report.

Analyst holdings: The following Analyst(s) have a threshold interest in the financial products referred to in this publication: N/A. For these purposes, a threshold interest is defined as being a holder of more than \$50,000 in value or 1% of the financial products on issue, whichever is the lesser.

Ratings distributions: As at 28 Sep 2020, Forsyth Barr's research ratings were distributed as follows:

OUTPERFORM	NEUTRAL	UNDERPERFORM
42.6%	44.4%	13.0%

Forsyth Barr's research ratings are OUTPERFORM, NEUTRAL, and UNDERPERFORM. The ratings are relative to our other equity security recommendations across our New Zealand market coverage and are based on risk-adjusted Estimated Total Returns for the securities in question. Risk-adjusted Estimated Total Returns are calculated from our assessment of the risk profile, expected dividends and target price for the relevant security.

Disclosure: Forsyth Barr Limited and its related companies (and their respective directors, officers, agents and employees) ("Forsyth Barr") may have long or short positions or otherwise have interests in the financial products referred to in this publication, and may be directors or officers of, and/or provide (or be intending to provide) investment banking or other services to, the issuer of those financial products (and may receive fees for so acting). Forsyth Barr is not a registered bank within the meaning of the Reserve Bank of New Zealand Act 1989. Forsyth Barr may buy or sell financial products as principal or agent, and in doing so may undertake transactions that are not consistent with any recommendations contained in this publication. Other Forsyth Barr business units may hold views different from those in this publication; any such views will generally not be brought to your attention. Forsyth Barr confirms no inducement has been accepted from the issuer(s) that are the subject of this publication, whether pecuniary or otherwise, in connection with making any recommendation contained in this publication. In preparing this publication, non-financial assistance (for example, access to staff or information) may have been provided by the issuer(s) being researched.

Investment banking engagements: Other than confidential engagements, Forsyth Barr has not within the past 12 months been engaged to provide investment banking services to the issuer that is the subject of this publication. For information about whether Forsyth Barr has within the past 12 months been engaged to provide investment banking services to any other issuer referred to in this publication, please refer to the most recent research report for that issuer's financial products.

Not personalised financial advice: The recommendations and opinions in this publication do not take into account your personal financial situation or investment goals. The financial products referred to in this publication may not be suitable for you. If you wish to receive personalised financial advice, please contact your Forsyth Barr Investment Adviser. The value of financial products may go up and down and investors may not get back the full (or any) amount invested. Past performance is not necessarily indicative of future performance. Disclosure statements for Forsyth Barr Investment Advisers are available on request and free of charge.

Disclaimer: This publication has been prepared in good faith based on information obtained from sources believed to be reliable and accurate. However, that information has not been independently verified or investigated by Forsyth Barr. Forsyth Barr does not make any representation or warranty (express or implied) that the information in this publication is accurate or complete, and, to the maximum extent permitted by law, excludes and disclaims any liability (including in negligence) for any loss which may be incurred by any person acting or relying upon any information, analysis, opinion or recommendation in this publication. Forsyth Barr does not undertake to keep current this publication; any opinions or recommendations may change without notice to you. Any analyses or valuations will typically be based on numerous assumptions; different assumptions may yield materially different results. Nothing in this publication should be construed as a solicitation to buy or sell any financial product, or to engage in or refrain from doing so, or to engage in any other transaction. This publication is not intended to be distributed or made available to any person in any jurisdiction where doing so would constitute a breach of any applicable laws or regulations or would subject Forsyth Barr to any registration or licensing requirement within such jurisdiction.

Terms of use: Copyright Forsyth Barr Limited. You may not redistribute, copy, revise, amend, create a derivative work from, extract data from, or otherwise commercially exploit this publication in any way. By accessing this publication via an electronic platform, you agree that the platform provider may provide Forsyth Barr with information on your readership of the publications available through that platform.