



TOWNSVILLE HARBOUR BOARD



ANNUAL FINANCIAL REPORT and CARGO STATISTICS 1977-1978

board members

A.G. FIELD

Chairman (Queensland Government)

T.H.A. TITLEY, M.C.

Deputy Chairman (City of Charters Towers)

J.P. DEFRANCISCIS

(Shire of Ayr)

A.J. HOPE

(Queensland Government)

J.B. MATTHEWS

(Shires of Dalrymple & Thuringowa)

A. McGRADY

(City of Mount Isa)

K.V. McELLIGOTT

(City of Townsville)

E.S.P. NETTERFIELD, O.B.E.

(Shires of Flinders, McKinlay and Richmond)

A.W. SHIELD

(Queensland Government)

A.A. TICEHURST

(Shires of Cloncurry, Winton & Boulia)

P.J.R. TUCKER

(City of Townsville)

Cover Illustration:

The Port of Townsville is strategically situated on the shores of Cleveland Bay, the waters of which also provide the playground for sailing and small boat enthusiasts — Ross Creek is their haven.

senior officers

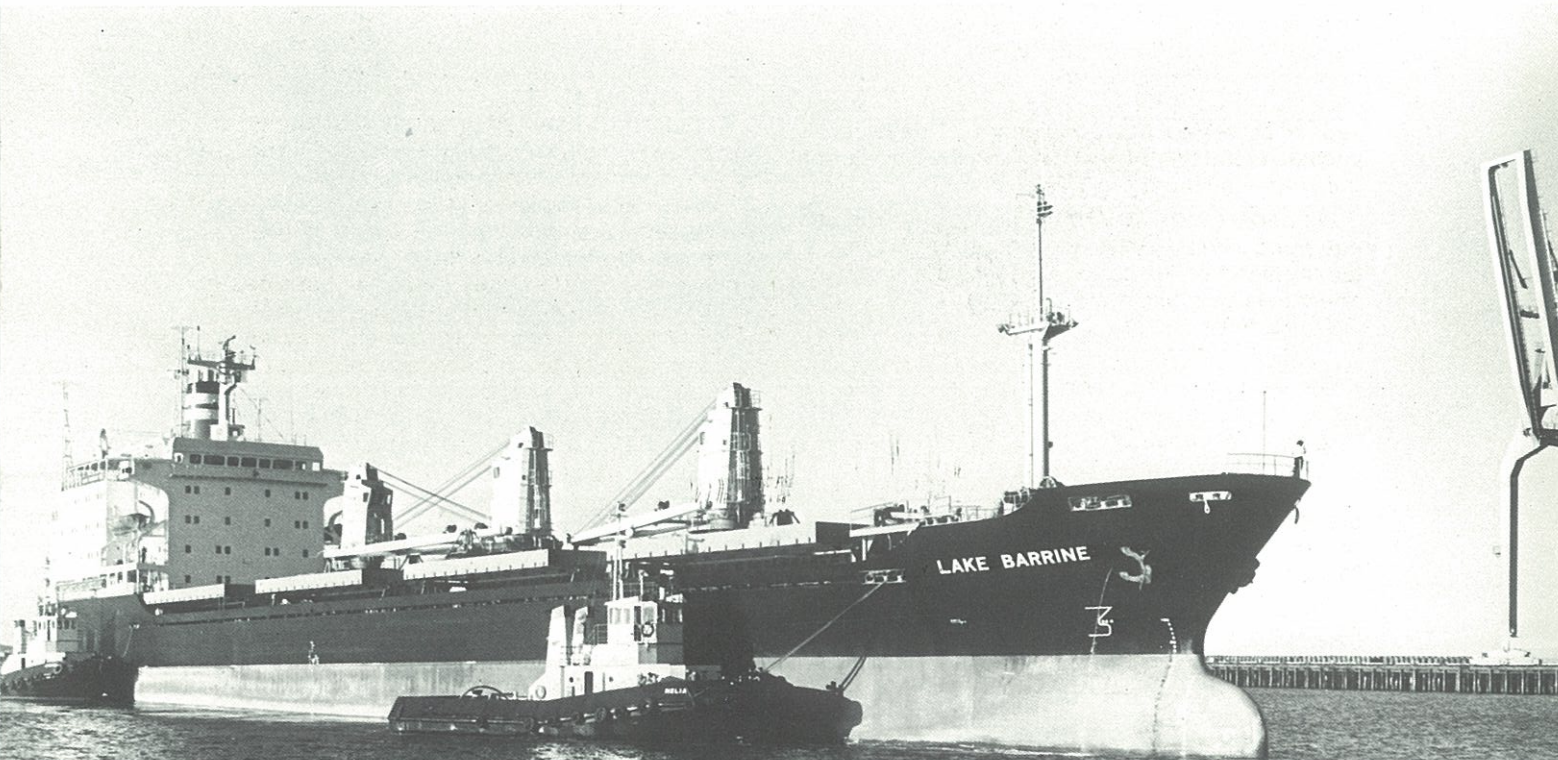
I.G. MALPAS, B. Com., A.A.U.Q., A.A.S.A., A.C.I.S.

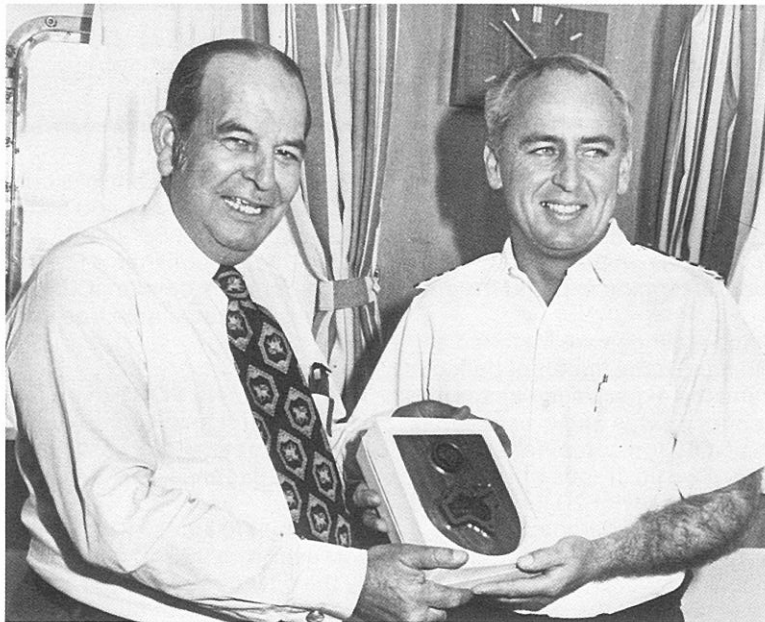
(Secretary and Chief Executive Officer)

W.S. SERVICE, B.E. (C. Eng.), M.I.C.E., M.N.Z.I.E.

(Engineer)

Ships of the Australian Shipping Commission, the 'LAKE EYRE' and the 'LAKE BARRINE' made their commissioning maiden voyages to load phosphate cargos at Townsville. These specialist ships could now become surplus to Australia's requirements following the Duchess closure decision.





Townsville Harbour Board Chairman, Mr. A.G. (Bert) Field, presents T.H.B. plaque to Lake Barrine's Master, Captain Peter Goldsmid.

chairman's message

In this report of financial and cargo statistics for the year 1977-78, the second year of the present Board's triennium, I am pleased to report continued development of the Port, but disappointed to record a decrease in total cargo throughput with the consequence of a slight downturn of profitability in the Port revenue accounts.

The policy of continuing development in the areas of more efficient cargo handling and provision for the needs of ships of more varied type and of ever-increasing size, I believe must continue. This is illustrated by the steadily increasing utilisation of the 55 tonne container crane which was installed in 1974, and the record of quick turn-around of cargo ships which for the year under review averaged only 1.77 days per vessel. A total of 494 vessels used the Port during the year — an increase of 57 over 1977.

We believe that the Port of Townsville which is equipped with the only true container handling facility North of Brisbane, must provide the natural and most economic point for shipment of North Queensland's primary products, such as meat and wool, in the future.

During the year the reconstruction of No. 2 Berth has been nearly completed, and the Board now plans to construct a \$420 000 RoRo stern loading ramp at the No. 3 Container Crane Berth. These works will complete the first stage of the dredging and reconstruction programme which has entailed an expenditure of \$11 500 000 over the last seven years.

Cargo throughput for the 1977-78 financial year fell short of expectations by 163 631 tonnes which meant that only 93.77% of the annual cargo budget was achieved.

Imports totalled 929 850 tonnes, 90.94% of budget. All types of cargo, with the exception of

meat, cattle and crude lead had fallen short of expectations, resulting in the overall trade position at the end of June being 6.23% below the budget estimate.

Our cargo throughput predictions for the immediate future must provide for some temporary set-back in exports, in particular phosphate rock, as a direct result of the closure of the Duchess Phosphate Mine. This closure, made necessary by the ill-advised Federal Government policy of giving preference to imported phosphate over our own Australian rock will be felt, not only by the Port of Townsville, but by many other North Queensland utilities. In the year under review Rock Phosphate shipments amounted to a total of 379 305 tonnes.

Actual cargo revenue for the year amounted to a record of \$3 539 345 representing an increase of 10.6%, but operating expenses totalled \$2 723 516, an increase of 21.1%, which reflects the National economic trend. A review of the methods of calculation of dues has been undertaken to determine a more equitable basis of charges for the use of Port facilities rather than making blanket rate increases which may well disadvantage specialist shippers from the Port.

The Harbour Board has given support to the boating fraternity in Townsville and a two storey building is being constructed on Harbour Board land at a cost of approx. \$400 000. The building will be occupied by the Yacht Club and the Townsville Harbour Employees' Social Club.

I place on record the appreciation of the Board for the efforts of staff in all sections. My personal thanks are extended to members of the Board for their dedicated interest in the welfare of the Port and for the depth of their research and debate on matters of vital interest.

**A. G. FIELD,
CHAIRMAN.**

port operation

FACILITIES

Entry to the Port is gained through a channel 5.3 miles long with a depth of 10.7 m. Within the Harbour, nine major vessels can be accommodated at berths ranging in depth from 7.0 m to 12.3 m.

Bulk shiploaders and pipelines are installed at specialised berths to handle the import of bulk oils and liquid fertilizer and the export of molasses, raw sugar, mineral concentrates and ores.

Craneage consists of a 55 ton container crane and a 25 ton jib crane. Two jib cranes of similar design, one with lifting capacity of 20 tons and the other 12½ tons, are being reconditioned and are expected to be operational towards the latter half of 1978. A modern fleet of mobile cargo handling equipment services all needs of the port.

A stern ramp and a reinforced landing pad for stern angle ramp vessels cater for roll-on roll-off traffic. Three container terminals operate continuously as the need demands.

The State railway system extends to three berths and all berths are accessible by road. Bunkers through pipelines may be taken at three berths whilst fresh water, electrical connections and ship to shore telephone outlets are available at all berths. Collection and incineration of ships garbage is carried out daily.

Two powerful tugs and lines launches provided by a licensee service the berthing and unberthing of shipping.

Fire fighting and oil spillage control equipment is readily available.

The Port control centre is continuously manned and maintains V.H.F. radio contact with shipping, tugs and the Pilot Service.

The Board publishes a Port Information booklet which contains details of all port services and charges. It is available free upon application.

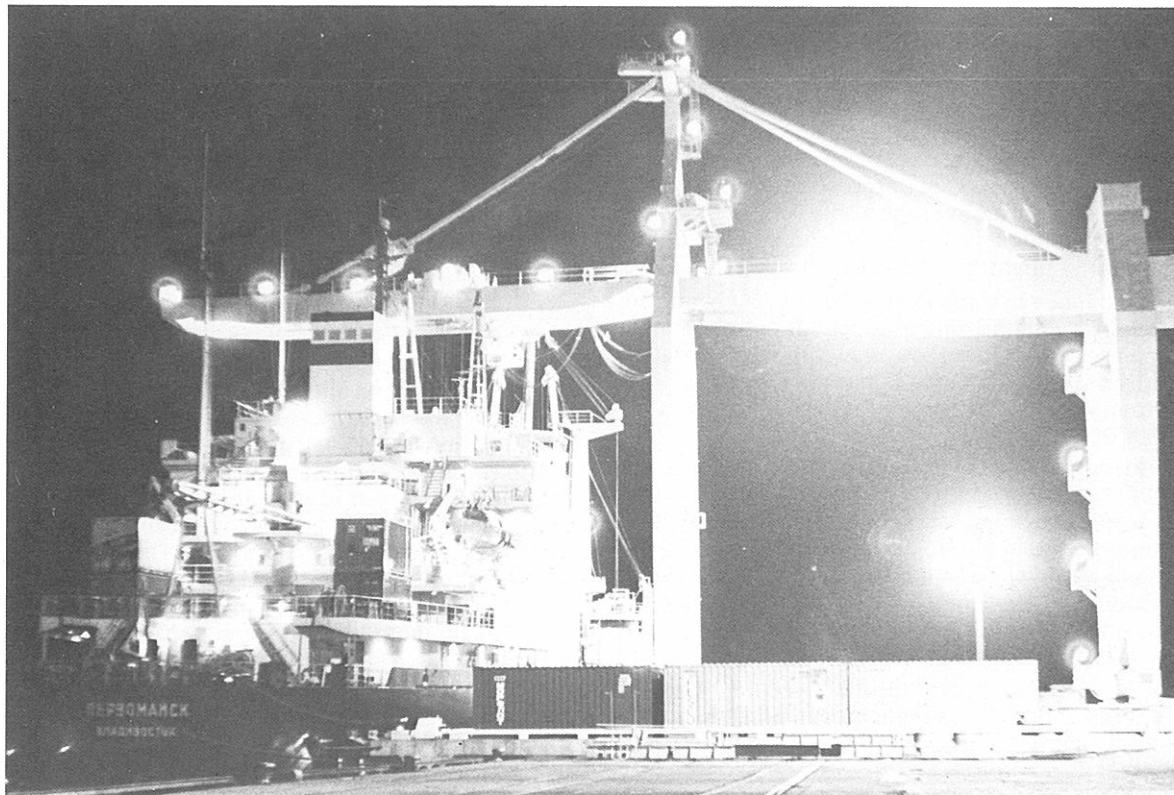
TRADE OF THE PORT

For the first time since 1965 when trade fell by 6.1%, this year's total cargo throughput of 2 464 229 tonnes was 3.4% less than last year's total.

The mining industry continued to be the major port user with 902 010 tonnes of product, followed by the oil industry with 841 861 tonnes and the sugar industry with 554 538 tonnes. Financially, the oil industry contributed 43% of harbour dues revenue whilst the mining industry contributed 28%, the sugar industry 19% and all others the remaining 10%.

During the year, 386 cargo vessels with gross registered tonnage of 3,507,118 entered the port with an average turn around time of 1.77 days. Compared with last year there were 35 more vessels and an increase of 169,750 in gross registered tonnage. The average turn around time of 1.77 days compares favourably with 1.75 and 1.85 days for the previous two years.

A new "Largest Single Cargo" record was established for an export commodity on 19th December, 1977 when the m.v. "Nestor" sailed with 43 772 tonnes of raw sugar.



24 hour per day port operation ensures quick ship turn-around.

development projects

DREDGING

Development dredging continued, using both the Board's and Contractors plant. Areas receiving attention included the entrance channel, the swing basin, various berths and the channel into Ross River.

WHARVES AND LANDINGS

Reconstruction of No.2 Berth was completed, except for paving works, and incorporated in this project was the cathodic protection system, extension of the container crane rails and new rails for the two electric cranes which are presently being reconditioned.

A new steel pontoon and walkway was installed at Ross River to service dredging plant working in the area.

The breakwater in Ross River to give protection to wharves to be erected at fish processing plant sites was completed.

Work was commenced on a Ro-Ro pad at the shore end of No.3 berth which will allow stern angle ramp vessels to simultaneously use the container crane and roll-on roll-off facilities.

HARBOUR SURVEY

A seismic survey was carried out to establish guidelines for future port development.

BUILDINGS

Two new air conditioned portable crib rooms were placed at No.2 berth.

SMALL CRAFT FACILITIES

Sand filling of an area at the Western breakwater with material won from Ross River dredging will extend the vehicle/trailer parking facilities at the Ross Creek public boat ramp.

Additional mooring buoys were placed in the small boat harbour.

MAINTENANCE

DREDGING

Maintenance dredging continued throughout the year in the channel, swing basin and harbour berths. Some depths were restored in the small boat harbour by grab dredging.

BUILDINGS

These have been repaired and painted as required. Part of an old cargo shed on No. 1 Pier and the Cafeteria building, which had outlived their usefulness, were demolished. Air conditioning in the Port Control Building was up-graded.

WHARVES & LANDINGS

All wharves and landings have been maintained in good serviceable condition. 12 mooring piles in the small boat harbour were replaced with prestressed concrete piles.

ROADS & RAIL LINES

Resurfacing and patching of roads was carried out as required and rail lines kept in sound condition.

PLANT AND EQUIPMENT

Floating plant has been maintained to survey standard and mobile equipment has received regular servicing.

Three steel water tanks on Magazine Hill were demolished preparatory to demolition of the hill itself at a later date.

The two electric cranes at No. 2 berth are being reconditioned. One will be restored to its original 20T lifting capacity at 11.25 metres radius whilst the other will be modified to provide an outreach of 21.25 metres with a lifting capacity of 12T.

Water, electrical and telephone services have been up-graded to keep pace with the demand.

PORT BEAUTIFICATION AND CLEANING

Tree planting, grassed areas and regular cleansing gives the port and its environs a pleasing appearance.



Reconstructed No. 2 Berth

BALANCE SHEET

\$11,156,105

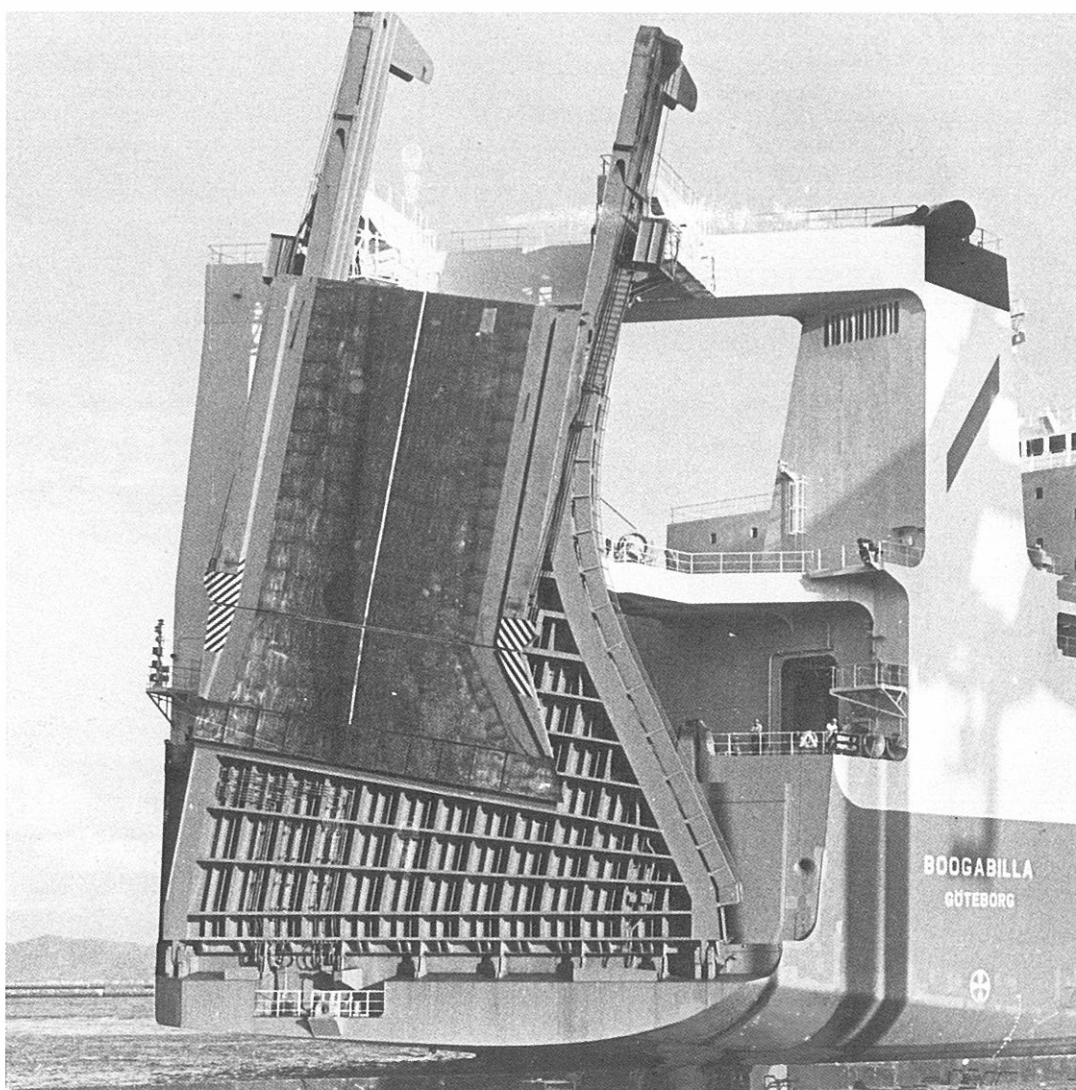
TOWNSVILLE HARBOUR BOARD

RECEIPTS & PAYMENTS

1977		Statement for the year ended 30th June		1978	
\$	\$	HARBOUR FUND		\$	\$
	30,219	Balance 1st July			(41,270)
		Receipts			
2,364,700		Harbour Dues	2,593,485		
519,689		Tonnage Rates	596,455		
47,277		Channel Development Charge	19,653		
206,246		Rents	205,259		
27,977		Plant Hire	10,997		
106,224		Water & Electricity Charges	103,794		
72,915		Interest on Investments	36,803		
72,091		Other Operating Receipts	68,918		
17,595		Non Operating Revenue	—		
11,410		Advances for Container Crane	187,089		
535,417		Advances from Assets Fund	385,892		
4,851	3,986,392	Asset Retirements	2,087	4,210,432	
	4,016,611	Sub-Total		4,169,162	
		Payments			
422,983		Administration	446,805		
500,923		Dredging	708,888		
85,721		Wharves Maintenance	96,357		
52,151		Lands & Tenancies	83,432		
52,609		Plant Hire	(910)		
83,960		Wharf Supervision	87,002		
148,141		Water & Electrical Services	166,995		
689,028		Interest	727,375		
583,423		Other Operating Costs	627,425		
405,167		Loan Commitments	498,851		
535,417		Transfers to Assets Replacement Fund	385,892		
498,358	4,057,881	Capital Expenditure	606,084	4,434,196	
	\$(41,270)	Balance 30th June		\$(265,034)	
		ASSETS REPLACEMENT AND IMPROVEMENT FUND (AS PART OF HARBOUR FUND)			
131		Balance 1st July	131		
		Receipts			
535,417		Transfers from Harbour Fund	385,892		
	535,548	Sub-Total		386,023	
		Payments			
535,417	535,417	Advances to Harbour Fund	385,892	385,892	
	\$ 131	Balance 30th June		\$ 131	
		LOAN FUND			
	536,815	Balance 1st July		369,175	
		Receipts			
800,000		Debenture Loans	1,000,000		
57,189		Interest	27,495		
169,199	1,026,388	Conversion & Renegotiation of Existing Loans	—	1,027,495	
	1,563,203	Sub-Total		1,396,670	
		Payments			
3,491		Molasses Terminal	(2,493)		
13,436		Sugar Drier Stations	1,046		
950,713		Reconstruction No. 2 Berth	1,018,717		
—		Reclamation Eastern Breakwater	241		
—		Dredging Ross River Channel	70,482		
—		Upgrading Electric Cranes	75,118		
57,189		Transfer of Interest to Harbour Fund	27,495		
169,199		Conversion & Renegotiation Loans	—		
—	1,194,028	Redemption Repayment	11,906	1,202,512	
	\$369,175	Balance 30th June		\$194,158	

SOURCE & APPLICATION OF FUNDS

1977 \$	For the Year Ended 30th June HARBOUR FUND	1978 \$
	Source	
950,823	Operating Profit for Year	815,829
278,421	Depreciation Written Off	287,127
1,037,700	Special Advances & Loans Received	2,397,045
4,709	Assets Retirement Surplus (net)	1,887
169,000	Decrease in Investments	180,000
68,144	Decrease in Liquid Assets	226,820
—	Increase in Current Liabilities	17,149
<u>\$2,508,797</u>		<u>\$3,925,857</u>
	Application	
1,707,040	Investment in Fixed Assets	3,102,551
53,782	Increase in Current Assets	143,612
604,828	Redemption of Loans & Advances	679,694
143,147	Decrease in Current Liabilities	—
<u>\$2,508,797</u>		<u>\$3,925,857</u>



Ships like the ScanCarrier 'Boogabilla' will be serviced with a new stern loading RoRo ramp at the No. 3 Container Crane berth.

IMPORTS Australia TONNES

PORT	Oil G.P.	Oil G.Vale	General	Steel	Timber	Meat	Fertilizer	Gypsum	Tr./ship	Total
INTRASTATE										
QUEENSLAND										
Brisbane	240 257	...	4 057	97	32	...	5 651	...	...	250 094
Lucinda	...	...	...	...	...	...	...	...	5 036	5 036
Palms Area	...	...	485	...	...	...	...	...	...	485
Weipa	...	...	17	...	...	...	...	...	...	17
TOTAL INTEREST	240 257	...	4 559	97	32	...	5 651	...	5 036	255 632
INTERSTATE										
NEW SOUTH WALES										
Newcastle	...	...	...	...	...	...	15 872	...	...	15 872
Port Kembla	...	...	...	224	...	...	...	...	...	224
Sydney	6 837	...	8 509	5 208	7	...	...	...	...	20 561
SUB-TOTAL	6 837	...	8 509	5 432	7	...	15 872	...	...	36 657
VICTORIA										
Geelong	84 091	19 636	...	...	...	...	...	...	...	103 727
Melbourne	...	...	8 906	...	...	...	...	...	...	8 906
Westernport	2 054	...	...	...	...	...	...	...	...	2 054
SUB-TOTAL	86 145	19 636	8 906	...	...	...	...	...	...	114 687
TASMANIA										
Bell Bay	...	...	195	...	...	...	...	...	...	195
Burnie	...	...	482	...	10	...	...	...	...	492
SUB-TOTAL	...	...	677	...	10	...	...	...	...	687
SOUTH AUSTRALIA										
Port Pirie	...	...	52	...	...	...	...	...	...	52
SUB-TOTAL	...	...	52	...	...	...	...	...	...	52
TOTAL INTERSTATE	92 982	19 636	18 144	5 432	17	...	15 872	...	...	152 083
TOTAL IMPORTS AUSTRALIA	333 239	19 636	22 703	5 529	49	...	21 523	...	5 036	407 715

After six years of negotiation, A.N.L. Searoader vessels now handle intrastate as well as interstate cargo.



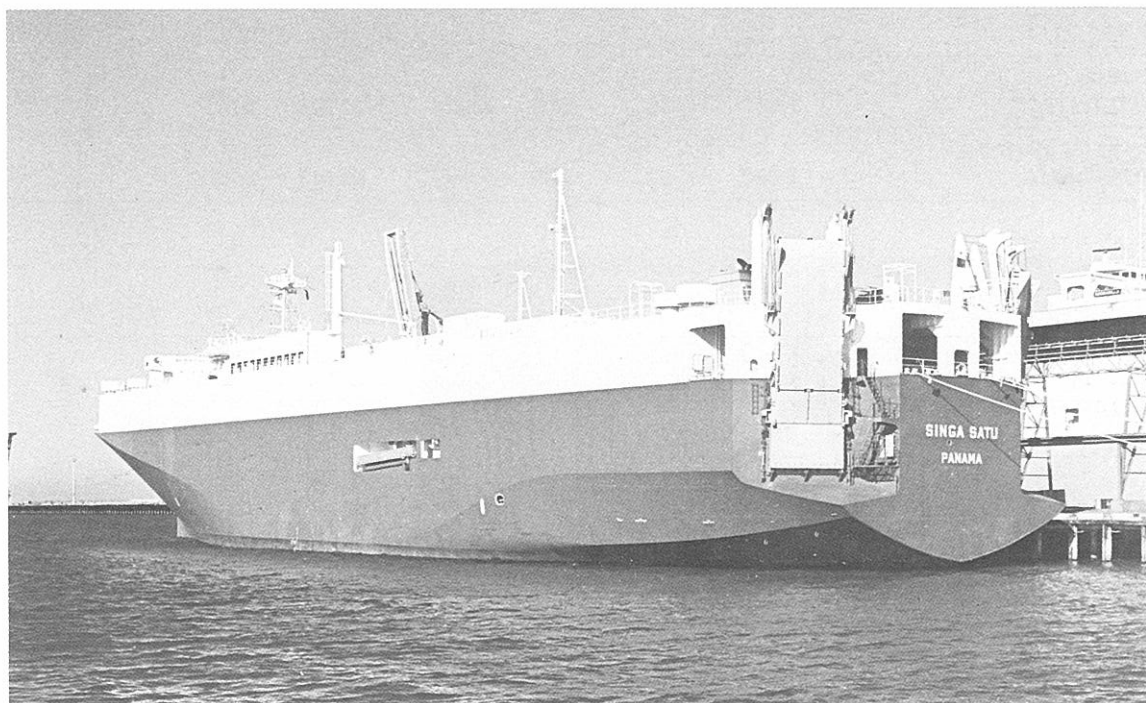
IMPORTS Overseas

TONNES

PORT	Oil G.P.	Oil G. Vale	General	Steel	Timber	Meat	Fertilizer	Gypsum	Tr./ship	Total
AMERICA										
Charleston	...	...	38	...	...	...	...	...	...	38
Longbeach	...	...	36	...	...	...	...	...	...	36
SUB-TOTAL	...	...	74	...	...	...	...	...	...	74
CANADA										
St. John	10 131	...	...	...	...	...	...	...	...	10 131
Vancouver	...	...	21 111	...	...	...	...	...	...	21 111
SUB-TOTAL	10 131	...	21 111	...	...	...	...	...	...	31 242
SWEDEN										
Gothenburg	...	...	11	80	...	...	...	...	...	91
SUB-TOTAL	...	...	11	80	...	...	...	...	...	91
FINLAND										
Kotka	...	...	869	...	...	...	...	...	...	869
SUB-TOTAL	...	...	869	...	...	...	...	...	...	869
UNITED KINGDOM										
London	...	...	2	...	...	...	...	...	...	2
SUB-TOTAL	...	...	2	...	...	...	...	...	...	2
GERMANY										
Bremen	...	...	287	...	...	...	...	...	...	287
Hamburg	...	...	407	...	...	...	...	...	...	407
SUB-TOTAL	...	...	694	...	...	...	...	...	...	694
NETHERLANDS										
Rotterdam	8 291	...	1 101	...	...	...	...	...	...	9 392
SUB-TOTAL	8 291	...	1 101	...	...	...	...	...	...	9 392
BELGIUM										
Antwerp	...	...	292	...	...	...	...	...	...	292
SUB-TOTAL	...	...	292	...	...	...	...	...	...	292
FRANCE										
Dunkirk	...	...	15	...	...	...	...	...	...	15
SUB-TOTAL	...	...	15	...	...	...	...	...	...	15
SPAIN										
Bilbao	...	...	17	...	...	...	...	...	...	17
SUB-TOTAL	...	...	17	...	...	...	...	...	...	17
BAHRAIN										
Bahrian	6 759	...	...	...	...	...	...	...	...	6 759
Sub-Total	6 759	...	...	...	...	...	...	...	...	6 759
SAUDI ARABIA										
Jidda	5 486	...	...	...	...	...	...	...	...	5 486
SUB-TOTAL	5 486	...	...	...	...	...	...	...	...	5 486
KUWAIT										
Kuwait	11 418	...	...	...	...	...	...	...	...	11 418
SUB-TOTAL	11 418	...	...	...	...	...	...	...	...	11 418
IRAN										
Bandarmarshar	7 365	...	...	...	...	...	...	...	...	7 365
SUB-TOTAL	7 365	...	...	...	...	...	...	...	...	7 365

IMPORTS Overseas TONNES (Cont.)

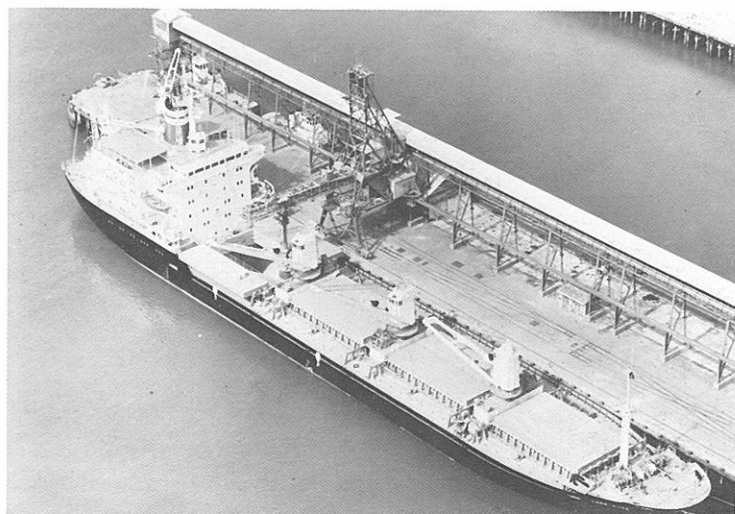
PORT	Oil G.P.	Oil G.Vale	General	Steel	Timber	Meat	Fertilizer	Gypsum	Tr./ship	Total
REPUBLIC OF SINGAPORE										
Singapore	81 479	357 062	...	...	...	...	...	...	...	438 541
SUB-TOTAL	81 479	357 062	...	...	...	...	...	...	...	438 541
PHILIPPINES										
Iligan City	...	...	740	...	...	...	...	...	...	740
Manilla	...	...	91	...	...	...	...	...	...	91
SUB-TOTAL	...	...	831	...	...	...	...	...	...	831
HONG KONG										
Hong Kong	...	...	2	...	...	...	...	...	...	2
SUB-TOTAL	...	...	2	...	...	...	...	...	...	2
JAPAN										
Fukuyama	...	...	...	1 190	...	...	...	...	...	1 190
Hiroshima	...	...	1 469	...	...	...	...	...	...	1 469
Kobe	...	...	582	...	...	...	...	...	...	582
Nagoya	...	...	3 501	...	...	...	...	...	...	3 501
Yokohama	...	...	1 308	...	...	...	...	...	...	1 308
SUB-TOTAL	...	...	6 860	1 190	...	...	...	...	...	8 050
NIUGINI										
Rabaul	995	...	...	...	...	...	...	...	...	995
SUB-TOTAL	995	...	...	...	...	...	...	...	...	995
TOTAL — OVERSEAS	131 924	357 062	31 879	1 270	...	...	...	...	...	522 135
SUMMATION — IMPORTS — AUSTRALIA AND OVERSEAS										
Intrastate	240 257	...	4 559	97	32	...	5 651	...	5 036	255 632
Interstate	92 982	19 636	18 144	5 432	17	...	15 872	...	...	152 083
Oversea	131 924	357 062	31 879	1 270	...	...	...	...	...	522 135
TOTAL	465 163	376 698	54 582	6 799	49	...	21 523	...	5 036	929 850



The SINGA SATU is typical of the special vehicle carriers making regular calls at Townsville with fully assembled Japanese motor vehicles for North Queensland distribution.

EXPORTS Australia TONNES

PORT	General	Steel	Timber	Sugar	Molasses	Meat	Hides	Tallow	By Products	Cattle
INTRASTATE										
QUEENSLAND										
Brisbane	6	...	...	...	...	...	...	...	...	...
Palms Area	777	...	33	...	...	...	...	...	...	...
Thursday Island	93	...	...	...	...	...	...	...	...	...
Weipa	4 525	16	31	...	...	...	...	...	...	...
TOTAL INTRASTATE	5 401	16	64	...	...	...	...	...	...	...
INTERSTATE										
NEW SOUTH WALES										
Newcastle	...	...	...	...	...	...	...	...	...	...
Port Kembla	16	...	...	...	...	...	...	...	...	...
Sydney	1 443	36	252	1 373	6 513	145	...	...	...	...
SUB-TOTAL	1 459	36	252	1 373	6 513	145	...	...	...	...
VICTORIA										
Melbourne	469	...	35	3 592	16 030	142	...	...	...	...
SUB-TOTAL	469	...	35	3 592	16 030	142	...	...	...	...
TASMANIA										
Bell Bay	62	...	...	...	...	...	...	...	...	...
Burnie	116	...	...	...	...	...	...	...	...	...
Launceston	310	...	...	...	...	...	...	...	...	...
Risdon	...	...	...	...	...	...	...	...	...	...
SUB-TOTAL	488	...	...	...	...	...	...	...	...	...
SOUTH AUSTRALIA										
Adelaide	51	...	12	...	...	29	...	...	...	...
SUB-TOTAL	51	...	12	...	...	29	...	...	...	...
WEST AUSTRALIA										
Fremantle	15	...	...	...	...	...	...	...	...	...
SUB-TOTAL	15	...	...	...	...	...	...	...	...	...
TOTAL INTERSTATE	2 482	36	299	4 965	22 543	316	...	...	...	...
TOTAL EXPORTS AUSTRALIA	7 883	52	363	4 965	22 543	316	...	...	...	...



No. 7 Berth bulk loader can accommodate vessels of 195 m. in length.

EXPORTS Australia TONNES

Wool	Refined Copper	Lead	Dross	Concentrate Zinc	Copper	Rock Phosphate	Nickel	Tr./ ship	Total
...	...	...	...	...	...	...	...	...	6
...	...	...	...	...	...	...	...	...	810
...	...	...	...	...	...	...	...	...	93
...	...	...	...	...	...	...	...	...	4 572
...	...	...	...	...	...	...	...	...	5 481
...	...	...	...	...	...	70 144	...	...	70 144
...	45 165	...	...	...	...	26 570	...	...	71 751
6	8 931	...	...	...	...	...	...	...	18 699
6	54 096	...	...	...	...	96 714	...	...	160 594
...	7 891	...	...	...	...	...	...	665	28 824
...	7 891	...	...	...	...	...	...	665	28 824
...	139	...	...	...	...	...	...	...	201
...	64	...	...	...	...	...	...	...	116
...	...	...	...	74 736	...	...	...	...	374
...	203	...	...	74 736	...	...	...	...	74 736
...	1 320	...	...	...	...	...	...	...	1 412
...	1 320	...	...	...	...	...	...	...	1 412
...	349	...	...	...	...	...	...	...	364
...	349	...	...	...	...	...	...	...	364
6	63 859	...	...	74 736	...	96 714	...	665	266 621
...	...	...	...	...	...	...	...	...	272 102



An efficient wool dumping operation in Townsville caters for this growing export.

EXPORTS Overseas TONNES (Cont.)

PORT	General	Steel	Timber	Sugar	Molasses	Meat	Hides	Tallow	By Products	Cattle
AMERICA										
Baton Rouge	...	...	...	...	26 060	...	...	...	...	...
Houston	...	...	...	...	12 259	...	...	...	...	...
Tampa	...	...	...	...	...	865	...	...	...	...
Wentworth	...	...	...	35 923	...	...	...	...	...	...
Willmington	...	...	...	54 870	...	2 094	...	...	...	...
Longbeach	...	...	...	...	...	...	...	...	...	...
Los Angeles	15	...	...	...	...	192	...	...	...	...
SUB-TOTAL	15	...	...	90 793	38 319	3 151	...	...	...	...
CANADA										
Montreal	...	...	...	96 272	...	...	...	...	...	...
St. John	...	...	...	44 692	...	...	...	...	...	...
Vancouver	...	...	...	...	...	...	...	...	...	...
SUB-TOTAL	...	...	...	140 964	...	...	...	...	...	...
NORWAY										
Bergen	...	...	...	...	...	...	...	...	...	...
Oslo	...	...	...	...	...	452	17	...	...	...
SUB-TOTAL	...	...	...	...	...	452	17	...	...	...
SWEDEN										
Gothenburg	...	...	...	...	...	1 313	17	...	...	...
SUB-TOTAL	...	...	...	...	...	1 313	17	...	...	...
FINLAND										
Helsinki	...	...	...	...	...	150	254	...	...	...
SUB-TOTAL	...	...	...	...	...	150	254	...	...	...
POLAND										
Gdynia	...	...	...	...	...	...	641	...	...	...
SUB-TOTAL	...	...	...	...	...	...	641	...	...	...
DENMARK										
Copenhagen	...	...	...	...	...	42	33	...	...	...
SUB-TOTAL	...	...	...	...	...	42	33	...	...	...
UNITED KINGDOM										
London	60	...	...	...	...	...	...	...	...	...
SUB-TOTAL	60	...	...	...	...	...	...	...	...	...
GERMANY										
BREMEN	28	...	...	...	...	...	...	...	...	...
Hamburg	66	...	25	...	...	59	1 590	...	...	...
SUB-TOTAL	94	...	25	...	...	59	1 590	...	...	...
NETHERLANDS										
Rotterdam	17	...	...	...	...	69	17	...	...	...
Vlissingen	20	...	...	...	...	...	119	...	...	...
SUB-TOTAL	37	...	...	...	...	69	136	...	...	...
BELGIUM										
Antwerp	...	...	...	...	...	14	...	...	...	...
Zeebrugge	...	...	...	...	...	...	...	...	...	...
SUB-TOTAL	...	...	...	...	...	14	...	...	...	...
FRANCE										
Dunkirk	1	...	...	...	10 042	61	...	...	...	...
SUB-TOTAL	1	...	...	...	10 042	61	...	...	...	...

EXPORTS Overseas TONNES (Cont.)

Wool	Refined Copper	Lead	Dross	Concentrate Zinc	Concentrate Copper	Rock Phosphate	Nickel	Tr./ ship	Total
...	...	...	...	...	...	...	...	4 371	30 431
...	...	...	...	...	...	...	...	...	12 259
...	...	...	...	...	...	...	...	...	865
...	...	...	...	...	...	...	...	...	35 923
...	...	...	...	...	...	...	...	...	56 964
...	...	...	514	...	...	...	...	...	514
...	...	...	...	...	...	...	...	...	207
...	...	...	514	...	...	...	...	4 371	137 163
...	...	...	...	...	...	...	...	...	96 272
...	...	...	...	...	...	...	...	...	44 692
...	...	...	...	...	...	...	108	...	108
...	...	...	...	...	...	...	108	...	141 072
1	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	469
1	...	...	...	...	...	...	...	...	470
...	...	...	...	...	...	...	2 187	...	3 517
...	...	...	...	...	...	...	2 187	...	3 517
...	...	...	...	...	...	...	...	...	404
...	...	...	...	...	...	...	...	...	404
...	...	...	...	...	...	...	...	...	641
...	...	...	...	...	...	...	...	...	641
...	...	...	...	...	...	...	...	...	75
...	...	...	...	...	...	...	...	...	75
1	18 433	115 553	...	...	...	...	1 860	...	135 907
1	18 433	115 553	...	...	...	...	1 860	...	135 907
10	...	...	...	...	...	...	...	...	38
19	1 869	...	...	...	...	...	...	...	3 628
29	1 869	...	...	...	...	...	...	...	3 666
18	18 239	...	...	3 500	...	...	2 145	...	24 005
109	8 967	...	...	...	...	...	7 530	...	16 745
127	27 206	...	...	3 500	...	...	9 675	...	40 750
...	...	25 038	...	13 349	...	...	...	...	38 401
20	...	...	...	...	...	...	...	...	20
20	...	25 038	...	13 349	...	...	...	...	38 421
23	9 777	...	...	...	...	...	1 350	...	21 254
23	9 777	...	...	...	...	...	1 350	...	21 254

EXPORTS Overseas

TONNES (Cont.)

PORT	General	Steel	Timber	Sugar	Molasses	Meat	Hides	Tallow	By Products	Cattle
SPAIN										
Barcelona	...	...	...	...	...	...	...	...	...	...
SUB-TOTAL	...	...	...	...	...	...	...	...	...	...
ITALY										
Genoa	...	...	...	...	...	...	285	...	...	...
SUB-TOTAL	...	...	...	...	...	...	285	...	...	...
YUGOSLAVIA										
Bar	...	...	...	...	...	1 297	...	...	...	...
SUB-TOTAL	...	...	...	...	...	1 297	...	...	...	...
ROMANIA										
Constanza	...	...	...	...	...	1 241	...	...	...	...
SUB-TOTAL	...	...	...	...	...	1 241	...	...	...	...
UNION OF SOVIET SOCIALIST REPUBLIC										
Baltic Region	...	...	...	...	...	2 198	...	...	...	...
Black Sea Region	...	...	...	...	...	354	...	...	...	...
SUB-TOTAL	...	...	...	...	...	2 552	...	...	...	...
ARAB REPUBLIC OF EGYPT										
Adabya	...	...	...	...	...	2 023	...	...	...	...
SUB-TOTAL	...	...	...	...	...	2 023	...	...	...	...
SAUDI ARABIA										
Dammam	...	...	...	...	...	5	...	...	...	...
SUB-TOTAL	...	...	...	...	...	5	...	...	...	...
IRAQ										
Basrah	...	...	...	...	...	497	...	...	...	...
SUB-TOTAL	...	...	...	...	...	497	...	...	...	...
IRAN										
Khorramshahr	...	...	...	...	...	3 089	...	...	...	...
SUB-TOTAL	...	...	...	...	...	3 089	...	...	...	...
INDIA										
Cochin	...	...	...	...	...	...	...	...	...	...
SUB-TOTAL	...	...	...	...	...	...	...	...	...	...
BANGLADESH										
Chittagong	...	...	...	...	...	...	...	438	...	...
SUB-TOTAL	...	...	...	...	...	...	...	438	...	...
MALAYA										
Kelang	102	...	...	...	...	...	...	...	...	1 886
Pasir Gudang	...	...	...	...	...	...	...	...	...	...
SUB-TOTAL	102	...	...	...	...	...	...	...	...	1 886
REPUBLIC OF SINGAPORE										
Singapore	...	...	...	6 224	...	...	...	...	...	...
SUB-TOTAL	...	...	...	6 224	...	...	...	...	...	...
INDONESIA										
Cilacap	130	...	...	...	...	...	...	...	...	1 323
Jakarta	126	...	...	...	...	...	...	...	...	1 213
Pare Pare	254	...	...	...	...	...	...	...	...	1 707
SUB-TOTAL	510	...	...	...	...	...	...	...	...	4 243

EXPORTS Overseas TONNES (Cont.)

Wool	Refined Copper	Lead	Dross	Concentrate Zinc	Copper	Rock Phosphate	Nickel	Tr./ ship	Total
6	6
6	6
521	806
521	806
...	1 297
...	1 297
...	1 241
...	1 241
...	2 198
...	354
...	2 552
...	2 023
...	2 023
...	5
...	5
...	497
...	497
...	3 089
...	3 089
...	7 734	...	...	7 734
...	7 734	...	...	7 734
...	438
...	438
...	1 988
...	30 497	...	...	30 497
...	30 497	...	...	32 485
...	6 224
...	6 224
...	1 453
...	1 339
...	1 961
...	4 753

EXPORTS Overseas TONNES (Cont.)

PORT	General	Steel	Timber	Sugar	Molasses	Meat	Hides	Tallow	By Products	Cattle
PHILIPPINES										
Busuanga	78	...	...	...	...	...	...	...	...	985
Cebu	...	...	...	...	...	...	...	...	602	...
Currimao	...	...	...	...	...	...	...	...	...	203
Manila	50	...	...	...	...	625	...	942	2 856	...
Sangi	...	...	...	...	...	...	...	...	...	...
SUB-TOTAL	128	...	...	...	...	625	...	942	3 458	1 188
CHINA										
Hsing Hang	...	...	...	...	...	...	...	782	...	...
Koahsing	12	...	...	...	...	...	...	651	746	...
Keelong	...	...	...	...	...	...	...	3 053	200	...
SUB-TOTAL	12	...	...	...	...	...	...	4 486	946	...
HONG KONG										
Hong Kong	368	...	...	...	...	242	640	1 162	28	6 559
SUB-TOTAL	368	...	...	...	...	242	640	1 162	28	6 559
KOREA										
Inchon	5 326	...	...	...	...	573	...	...	...	...
Pohang	4 723	...	...	...	...	...	...	...	...	...
SUB-TOTAL	10 049	...	...	...	...	573	...	...	...	...
JAPAN										
Akita	...	...	...	...	...	...	...	...	...	...
Hickoshima	...	...	...	...	...	...	...	...	...	...
Ishinomaki	...	...	...	...	...	...	...	...	...	...
Kaoshing	...	...	...	...	...	...	...	...	...	...
Kawasaki	...	...	...	...	...	...	...	373	...	...
Kobe	5	...	...	...	...	...	18	419	701	...
Miiki	...	...	...	...	...	...	...	...	...	...
Miyako	...	...	...	...	...	...	...	...	...	...
Nagoya	50	...	...	...	...	...	...	...	270	...
Naoshima	...	...	...	...	...	...	...	...	...	...
Niihama	...	...	...	...	...	...	...	...	...	...
Osaka	9	...	...	...	...	...	18	...	...	...
Onahama	...	...	...	...	...	...	...	...	...	...
Sakata	...	...	...	...	...	...	...	...	...	...
Shikaka	...	...	...	...	...	...	...	...	...	...
Toyama	...	...	...	...	...	...	...	...	...	...
Tokyo	...	...	...	240 688	...	...	...	...	...	...
Tsuruga	...	...	...	...	...	...	...	...	...	...
Yokohama	...	...	...	...	...	...	...	1 879	351	...
SUB-TOTAL	64	...	...	240 688	...	...	36	2 671	1 322	...
NIUGINI										
Lae	10	...	...	...	...	...	...	...	...	29
Padang	96	...	...	...	...	...	...	...	...	935
SUB-TOTAL	106	...	...	...	...	...	...	...	...	964
NEW ZEALAND										
Wellington	442	...	...	...	...	...	...	...	...	...
SUB-TOTAL	442	...	...	...	...	...	...	...	...	...
TOTAL	11 988	...	25	478 669	48 361	17 455	3 649	9 699	5 754	14 840
	19 871	52	388	483 634	70 904	17 771	3 649	9 699	5 754	14 840
SUMMATION										
Intrastate	5 401	16	64	...	...	...	...	...	...	...
Interstate	2 482	36	299	4 965	22 543	316	...	...	...	...
Oversea	11 988	...	25	478 669	48 361	17 455	3 649	9 699	5 754	14 840
TOTAL	19 871	52	388	483 634	70 904	17 771	3 649	9 699	5 754	14 840

EXPORTS Overseas TONNES (Cont.)

Wool	Refined Copper	Lead	Dross	Concentrate Zinc	Concentrate Copper	Rock Phosphate	Nickel	Tr..ship	Total
...	1 063
...	602
...	203
...	4 473
...	24 750	...	...	24 750
...	24 750	...	...	31 091
...	782
...	1 409
...	3 253
...	5 444
5	9 004
5	9 004
...	30 732	...	...	36 631
...	4 723
...	30 732	...	...	41 354
...	40 288	...	...	...	...	40 288
...	15 000	...	...	...	...	15 000
...	15 553	...	...	15 553
...	15 662	...	...	15 662
...	373
...	402	...	...	...	...	...	2 522	...	4 067
...	32 248	...	...	...	...	32 248
...	3 193	...	...	3 193
32	352
...	9041	...	...	...	9 041
...	...	5 013	...	...	...	...	...	...	5 013
...	894	...	921
...	...	4 050	...	5 008	6 254	50 216	...	...	65 528
...	13 977	...	...	13 977
...	15 947	...	...	...	...	15 947
...	90 277	...	...	90 277
...	240 688
...	9 002	...	...	...	...	9 002
...	3 245	...	...	...	...	...	4 777	...	10 252
32	3 647	9 063	...	117 493	15 295	188 878	8 193	...	587 382
...	39
...	1 031
...	1 070
...	442
...	442
765	60 932	149 654	514	134 342	15 295	282 591	23 373	4 371	1 262 277
771	124 791	149 654	514	209 078	15 295	379 305	23 373	5 036	1 534 379
...	5 481
6	63 859	...	...	74 736	...	96 714	...	665	266 621
765	60 932	149 654	514	134 342	15 295	282 591	23 373	4 371	1 262 277
771	124 791	149 654	514	209 078	15 295	379 305	23 373	5 036	1 534 379

SUMMARY OF IMPORTS TONNES

	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
General	45 826	58 298	53 367	72 824	84 835	117 481	94 253	109 243	59 412	54 582
Oil										
General Purpose	284 810	325 386	339 652	364 610	420 169	497 629	656 356	782 031	841 725	809 324
Bitumen										
Feedstock	21 533	12 850	13 327	20 738	20 598	15 590	23 219	19 222	19 994	27 488
Liquid Gas	4 936	6 300	8 435	7 099	8 311	8 362	9 047	8 359	9 102	5 049
	311 279	344 536	361 414	392 447	449 078	521 581	688 622	809 612	870 821	841 861
Coal & Coke	3 779	15 508	7 293	...	3 109	4 816	9 663	...	...	...
Fertilizer										
Bulk	8 750	...	3 498	5 406	8 763	5 822	3 036	...	...	...
Bagged	8 387	...	51	715	279	45	...	...	...	...
Liquid	10 255	10 538	9 956	13 778	18 017	23 723	21 844	19 783	19 870	21 523
	27 392	10 538	13 505	19 899	27 059	29 590	24 880	19 783	19 870	21 523
Iron and Steel	33 671	52 212	49 559	23 624	23 037	41 903	27 904	10 261	6 719	6 799
Meat	...	...	...	43	20	223	182	96	...	...
Timber	855	1 397	565	356	1 547	8 480	1 555	1 485	891	49
Cattle	(198 Head)	(744 Head)	...	(744 Head)	(348 Head)	(664 Head)	...	...	...	...
	100	378	...	378	174	332	...	...	...	...
Gypsum	...	...	...	...	12 050	10 454	10 135	5 357	15 538	...
Tranship	...	...	...	...	...	...	...	5 268	1 338	5 036
TOTAL	422 902	482 867	485 703	509 571	600 909	734 860	857 194	961 105	974 589	929 850

TOTAL

THROUGHPUT

	1969	1970	1971	1972	1973
Tonnes	1 320 476	1 426 710	1 453 485	1 584 906	1 595 6

SUMMARY OF EXPORTS TONNES

	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
General	12 736	13 200	15 134	18 792	21 523	16 971	38 152	29 236	15 129	19 871
Oil	489	6 061	1 488	1 147	3 922	385	580	2 386	...	...
Steel	...	...	103	843	31	30	2 002	2 884	2 720	52
Meat and Associated Products										
Frozen	33 373	27 856	27 089	30 406	26 867	11 301	9 998	11 444	12 211	17 771
Tallow	6 748	5 463	5 519	9 328	6 838	6 493	7 193	9 869	9 309	9 699
Hides	5 191	4 290	4 231	4 447	5 321	4 336	2 863	3 682	3 001	3 649
By Products	4 310	3 217	4 616	6 743	8 548	7 427	1 547	969	6 148	5 754
	49 622	40 826	41 455	50 924	47 574	29 557	21 601	25 964	30 669	36 873
Minerals										
Refined										
Copper	67 859	83 398	87 165	116 279	115 641	124 122	141 110	138 611	141 453	124 791
Concentrates—										
Copper	...	...	21 788	22 182	21 707	21 226	32 078	27 783	29 991	15 295
Concentrates—										
Zinc	163 356	180 790	188 786	165 349	234 430	249 935	238 043	169 359	247 039	209 078
Dross	2 594	7 115	3 049	1 295	2 817	1 682	...	6 599	4 959	514
Crude Lead	112 675	150 437	141 159	113 222	120 151	120 700	126 807	129 065	158 005	149 654
Ore	234	14 436	2 088	144	534	200	12	35	...	...
Nickel	...	...	...	...	...	...	3 133	21 516	23 867	23 373
Rock Phosphates	...	...	...	...	...	...	17 671	181 452	265 980	379 305
	346 718	436 176	444 035	418 471	495 280	517 865	558 854	674 420	871 294	902 010
Molasses	59 007	66 315	63 434	81 695	62 419	89 963	94 866	108 647	108 835	70 904
Sugar										
Bulk	405 391	380 161	371 939	461 956	362 743	484 889	525 704	427 535	539 071	483 634
Bagged	22 860	...	...	...	...	...	...	...	...	...
	428 251	380 161	371 939	461 956	362 743	484 889	525 704	427 535	539 071	483 634
Timber	539	737	1 653	749	809	833	257	518	335	388
Veneer	25	115	332	210	208	129	...	...	...	...
Wool	(128	(203	...	(290	...	...	...	(81	...	(4 401
	Bales)	Bales)		Bales)				Bales)		Bales)
	14	34	...	158	241	1 054	...	25	...	771
Cattle	(340	(430	(400	...	...	...	(3 662	(5 120	...	(14 840
	Head)	Head)	Head)				Head)	Head)		Head)
	173	218	203	...	...	...	1 746	2 580	7 309	14 840
Crushed Metal	...	...	28 006	40 390	...	...	...	...	...	...
Tranship	...	...	...	...	...	...	...	5 268	1 338	5 036
TOTAL	897 574	943 843	967 782	1 075 335	994 750	1 141 676	1 243 762	1 279 463	1 576 700	1 534 379

TONNAGES

1974	1975	1976	1977	1978
1 876 536	2 100 956	2 240 568	2 551 289	2 464 229

SHIPPING INFORMATION

	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
No. of Vessels	419	522	448	455	420	471	408	433	437	494
Gross Tonnage	2 410 261	2 517 174	2 417 361	2 727 068	2 632 532	2 880 287	2 851 070	3 146 405	3 411 700	3 662 282

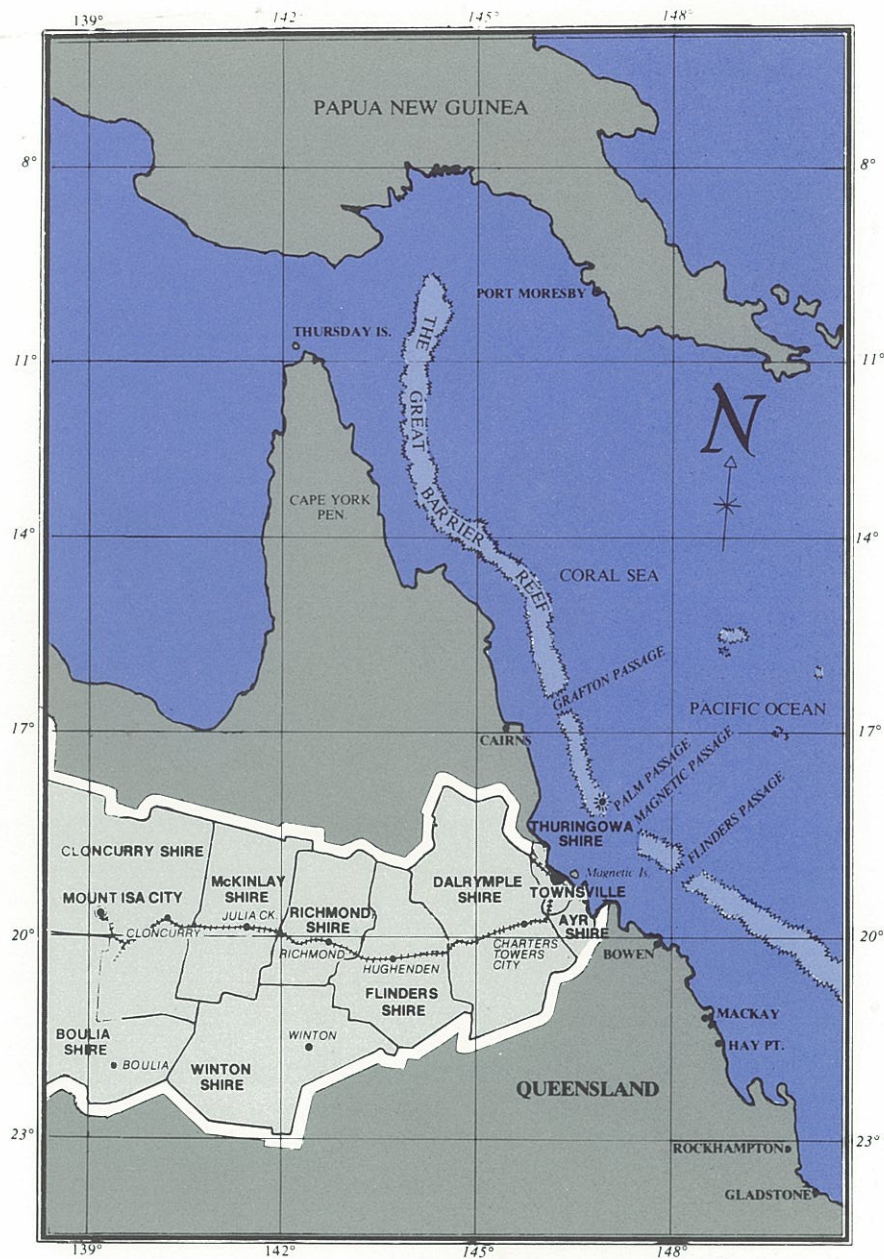
CARGO RECORDS

	Date	Vessel	Record
Imports	5.1.77	Bramora	discharged 56 506 tonnes of Bulk Oil
Exports	19.12.77	Nestor	loaded 43 772 tonnes of Raw Sugar
Deepest Draft Vessel	14.3.77	Edward Stevinson	12.04 metres loaded with Bulk Oil
Longest Vessel	26.3.76	Capetan Caras	252.36 metres
Highest D.W.T. Tonnage	26.3.76	Capetan Caras	85 180 tonnes



The NESTOR, drawing nearly 11 metres moves out from No. 9 Sugar Loading berth with 43 772 tonnes of raw sugar for Canada.

HARBOUR BOARD DISTRICT



The Harbour Board District, from which Board Members are elected, embraces the rich agricultural Burdekin River delta and extensive pastoral and minerals areas in Western Queensland through to the Northern Territory border. Cities and Shires within this district cover an area of 392,219 km² (151,436 square miles) — about six times the size of Tasmania.

THE PORT OF TOWNSVILLE



Townsville is Australia's largest tropical city and the second city of Queensland. With an area of 349.65 km², the city has a population nearing 100,000 increasing at the rate of 4% annually.

Industries include a copper refinery, a nickel treatment plant, a cement works, meatworks, timber mills and engineering plants.