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## Forecast for M/Y Mischief 1

Prepared on Apr 24 00:33z

By JY

Voyage Summary			Dist (nm)		Conditions Above Constraints			Avg Ocean Current	Tropical Impact and/or Advisory within 60nm
Departure / Destination		ETD / ETA	Trip (hrs)	Peak	% of Trip	Weather Impacts	Impact		
SYDNEY (Australia)		29/01z	404	Wind(kts)	20	0%	Favorable	-0.86 knots	None
GOLD COAST SEAWAY		30/13z	36	Seas(mtr)	2	0%	Marginal	UnFavorable	

Detailed information regarding your forecast and recommendations is further down on the following pages.

**Synopsis:** Good day and thank you for your email.

**HIGH PRESSURE** over the S'n Tasman Sea with a ridge over SE'n Australia will lift NE'ward to near 40S/161E by tomorrow night, then move east of New Zealand by the 27th. The ridge will linger over the E'n Tasman Sea on the 27th before shifting over New Zealand on the 28th and weaken on the 29th.

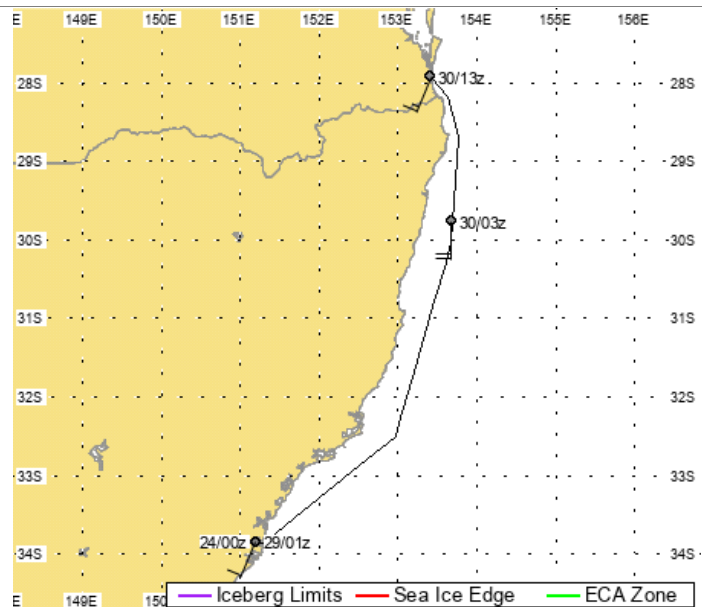
**LOW PRESSURE** will move offshore Central New South Wales by overnight the 26th. This **LOW** will strengthen while meandering NE'ward to near 32S/157E by evening of the 28th, with associated troughing tending broad along NE'n New South Wales through the 30th. This **LOW** will lift NE'ward while weakening by the morning of the 30th over the N'n Tasman Sea.

A **COLD FRONT** will reach SE'n New South Wales by evening of the 29th. This front will move NE'ward across Sydney through the morning of the 30th while a trough of **LOW PRESSURE** additionally appears to develop and strengthen across the region along the front.

**Conclusions:** We recommend delaying your departure from the morning of the 26th until midday on the 29th to allow a squally area of **LOW PRESSURE** to develop along NE'n New South Wales morning of the 27th. This **LOW** appears to strengthen into a non-tropical **GALE** while gradually departing the coast of New South Wales and moving E'ward towards North Island through the evening of the 29th. With a departure as soon as the 26th, we'd anticipate the vessel to encounter scattered to at times widespread severe squalls and showers while NE'ly breezes forward of the beam tend quite enhanced along NE'n New South Wales until reaching Coffs Harbour. When you depart, we recommend most direct routing to Gold Coast Seaway. We evaluated taking the vessel farther offshore to minimize the strength of currents on the nose, however this additional distance does not appear to improve the vessel's ETA to Gold Coast Seaway and would lead to higher conditions offshore.

To avoid the aforementioned low, a delay until midday on the 29th appears best. This will allow the majority of squall development associated with the **LOW** to dissipate prior to your departure. Broad troughing will linger across the coast of NE'n New South Wales after the above system departs the region through the 30th, allowing for relatively moderate breezes to tend aft of the beam while residual SE'ly swells lower and become S'ly through your arrival. This broad troughing will still present a possibility for periods of isolated squalls and showers, though these are not expected to be a concern and will be short lived/weak if encountered.

Do note that this forecast remains longer range at this time, so we will need to monitor for any changes to this active pattern in the coming days. We trust this assists, and will standby for your next request accordingly.



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Above Vessel's Constraints

Vicinity At Port

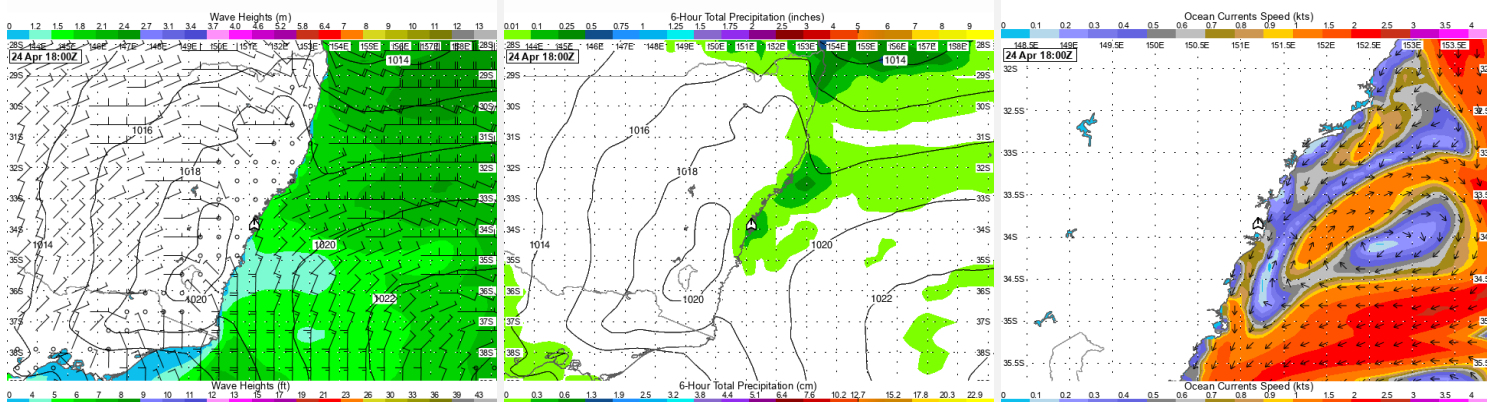


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Click Image for Larger View. Forecast Charts to 15 days provided by **REQUEST**.



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## SYDNEY (Australia) TO GOLD COAST SEAWAY FORECAST: (DEPARTURE - 04/29 01z)

SunRise: 07:27 SunSet: 18:17 (ST)

Route Recommendation: Departure from Sydney near midday on the 29th appears best relative at this time, though long range. Please see Conclusions for further input. Recommend most direct routing to Gold Coast Seaway.

Forecast Period (LT=Local Time, Z=GMT)	Wind Dir	Wind Spd (Knots)	Swell Dir	Seas Hght Swell Hght (Meters)	Per(sec) Viz (nm)	Sky Conditions / Advisory	Temp F / C	Currents Dir From/Knots
TUE (29) (MORN 08LT)	SSE-SSW	09-14	E-SE	0.5-1.0 1.5-2.0	8 13	PARTLY CLOUDY ISOLATED SHWRS/SQUALLS	71° / 22°	S @ 0.6
TUE (29) (MORN/AFTN 11LT)	SSE-SSW	09-14	E-SE	0.5-1.0 1.5-2.0	8 13	PARTLY CLOUDY ISOLATED SHWRS/SQUALLS	71° / 22°	SSW @ 0.5
DEPART 29/01Z / 29/12LT TO 33-12S/152-06E	SSE-SSW	07-12	E-SE	0.5/LESS 1.5-2.0	8 13	PARTLY CLOUDY ISOLATED SHWRS/SQUALLS	71° / 22°	SSW @ 0.5
29/06Z / 29/17LT TO 32-20S/153-00E	SE-S	06-11	ESE-SSE	0.5/LESS 1.5-2.0	10 11	PARTLY CLOUDY ISOLATED SHWRS/SQUALLS	70° / 21°	S @ 0.1
29/12Z / 29/23LT TO 31-15S/153-19E	SSE-SSW	07-12	SE-S	0.5/LESS 1.5-2.0	10 3	PARTLY CLOUDY REDUCED VIS ISOLATED SHWRS/SQUALLS	64° / 18°	S @ 0.3
29/18Z / 30/05LT TO 30-17S/153-36E	S-SW	13-19	SE-S	1.0-1.5 1.5-2.0	10 13	PARTLY CLOUDY SCATTERED SHWRS/SQUALLS	70° / 21°	N @ 2
30/00Z / 30/11LT TO 29-14S/153-43E	SSE-SSW	15-20	SE-S	1.0-1.5 1.5-2.0	10 13	PARTLY CLOUDY ISOLATED SHWRS/SQUALLS	71° / 22°	NNE @ 1
30/06Z / 30/17LT TO 28-09S/153-36E	SE-S	10-16	SSE-SSW	0.5-1.0 1.5-2.0	10 2	PARTLY CLOUDY REDUCED VIS ISOLATED SHWRS/SQUALLS	71° / 22°	N @ 1.5
30/12Z / 30/23LT TO 27-56S/153-25E	SSE-SSW	12-17	SSE-SSW	0.5-1.0 1.5-2.0	10 13	MOSTLY CLOUDY ISOLATED SHWRS/SQUALLS	69° / 21°	N @ 1.3
ARRIVAL 30/13:24Z WED (30) @ 23:24LT	SSE-SSW	09-14	SSE-SSW	0.5-1.0 0.5-1.5	10 13	PARTLY CLOUDY ISOLATED SHWRS/SQUALLS	66° / 19°	NNE @ 0.9
THU (01) (MORN 04LT)	SSE-SSW	05-10G14	SE-S	0.5/LESS 0.5-1.5	10 13	PARTLY CLOUDY ISOLATED SHWRS/SQUALLS	66° / 19°	NNW @ 0.2
THU (01) (MORN/AFTN 10LT)	SE-S	04-09	SE-S	0.5/LESS 0.5-1.5	10 13	PARTLY CLOUDY ISOLATED SHWRS/SQUALLS	73° / 23°	N @ 0.1
THU EVENING (16LT)	SE-S	06-11	E-SE	0.5/LESS 0.5-1.5	11 13	MOSTLY CLOUDY ISOLATED SHWRS/SQUALLS	73° / 23°	ENE @ 0.1

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Above Vessel's Constraints

Vicinity At Port

Comments: \*Wind/Seas HIGHER in SQUALLS

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