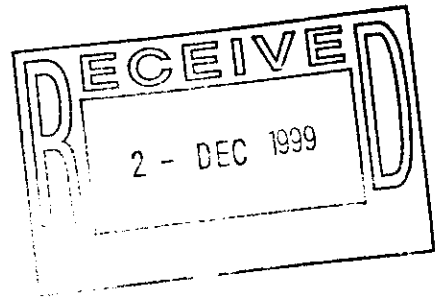




BUREAU OF METEOROLOGY

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ADDRESS CORRESPONDENCE TO: Regional Director Bureau of Meteorology PO Box 413, Darlinghurst NSW 2010

In reply please quote 70/16/20



Mr Philip Thompson
Race Director
Telstra Sydney-Hobart Yacht Race
Cruising Yacht Club of Australia
New Beach Road
DARLING POINT NSW 2027

Dear Mr Thompson

I refer to the meeting of 28th October 1999 held at the offices of the Cruising Yacht Club of Australia (CYCA) and attended by Messrs van Kretschmar, Sommer and Thompson representing the CYCA, and Messrs Batt, Hutchinson, Buckley and Sullivan representing the Bureau of Meteorology.

The purpose of this letter is to summarise the agreement that was reached at that meeting as to the weather services support to be provided by the Bureau of Meteorology for the 1999 Telstra Cup and the 1999 Telstra Sydney-Hobart Yacht Race; to request your concurrence with the stated agreement and seek your acceptance of the charges that will be incurred for provision of the services. The agreement is:

- Mr Kenn Batt will provide a weather briefing on 15 December 1999 as a prelude to the commencement of the Telstra Cup. The weather briefing, in addition to indicating expected weather conditions over the next several days, will also give information on how Cup participants and others can access the Bureau's marine weather service for Sydney Harbour and Sydney Waters (Pittwater to Port Hacking), this service being judged by the CYCA to fully meet the requirements of the Telstra Cup participants and organisers. Opportunity will also be taken at this briefing to describe the information that the Bureau will be providing in support of the Sydney-Hobart Yacht Race and how that information can be accessed.
- Messrs Batt and Buckley will provide a weather briefing on 24th December 1999 in support of preparations for the 1999 Telstra Sydney-Hobart Yacht Race. The briefing will include an explanation of the terminology used by the Bureau in its marine services and provide a weather outlook for the start of the race on 26th December. The briefing will also discuss computer predictions of possible weather developments in the first days of the race, and also their limitations.
- Messrs Batt and Buckley of the Bureau of Meteorology will provide an extended weather briefing on the day of the race, 26th December 1999. The CYCA and the Bureau agree that one hour will be allocated for this briefing. The Bureau will during this time use its best endeavours to explain the marine weather service and the terminology used by the Bureau in the marine weather service. The Bureau will also describe other information and its sources. This other information is in addition to that which is provided by the Bureau as a special race forecast to the CYCA, and communicated twice daily to the fleet through the relay vessel, the Young Endeavour. The Bureau will also issue and explain the basis of the Bureau's special

race forecast covering the first two days of the race with an outlook for the subsequent 24 hours.

- As agreed by the CYCA the Bureau will provide special forecasts for the race commencing 26th December 1999 as per Schedule 1. The content of these special forecasts will be as per the example in Schedule 2. The forecasts will be transmitted to the CYCA, the RYCT and the Radio Relay Vessel - the Young Endeavour. Additionally it is proposed that the Bureau transmit, at its own expense, the special forecasts to AMSA, Penta Comstat, Royal Volunteer Coastal Patrols at Jervis Bay, Merimbula and Eden, Coastguard Victoria at Lochsport, VIS, VIM, Coastguard Mallacoota, TAS COAST RADIO, TASMAR RADIO and made available on the Bureau's web site and Weather by Fax service.
- The Bureau will make available to the CYCA the services of Mr Kenn Batt to act as the principal liaison officer between the Sydney-Hobart Race Management Committee and the Bureau of Meteorology. It is agreed that Mr Batt will be available to relocate to Hobart as needed. Mr Batt's role will be to undertake liaison tasks assigned by the Committee but will not include the origination of forecasts. These will be provided by either the NSW or Tasmanian Regional Forecasting Centres. Mr. Batt's role which involves liaison with the media on behalf of the CYCA will be limited to providing factual statements about the weather and Bureau forecasts. Any requirement for comment going beyond factual statements will be referred to the Bureau for comment.
- The CYCA will arrange the provision of weather and sea state observations up to four times per day from at least 10 yachts chosen to represent the full geographical spread of the fleet. The observations will be made available to the Bureau via a web site established by the CYCA.
- The charge for the services to be provided by the Bureau is at Schedule 3, the total cost being \$4945-25.

Would you please advise your acceptance or otherwise of the above and the attached schedules so that preparations for weather support services by the Bureau for the 1999 Telstra Sydney -Hobart Yacht Race can be finalised.

Yours sincerely



Patrick J. Sullivan
Regional Director (NSW)

1 December 1999

SCHEDULE 1**Telstra 1999 Sydney to Hobart****Proposed Sydney to Hobart Forecast Schedule**
(based upon latest CYCA Radio Schedule advice)

Issue Time (Rad. Sked.)	Forecasts Before noon: Today After noon: Today and Tomorrow	Forecasts Before noon: Tomorrow After noon: Day after tomorrow	Outlook	Issuing Office
0500 26 th	Sydney to Jervis Bay	Port Kembla to Tasman Island	Merimbula to Hobart	Sydney
1100 26 th	Sydney to Jervis Bay	Port Kembla to Tasman Island	Merimbula to Hobart	Sydney
1930 26 th (2000)	Port Kembla to Tasman Island	Port Kembla to Tasman Island	Merimbula to Hobart	Sydney
0730 27 th (0800)	Port Kembla to Tasman Island	Jervis Bay to Hobart	Merimbula to Hobart	Sydney
2130 27 th (2200)	Jervis Bay to Hobart	Jervis Bay to Hobart	Eddystone Point to Hobart	Hobart
0730 28 th (0800)	Merimbula to Hobart	Gabo Island to Hobart	Eddystone Point to Hobart	Hobart
2130 28 th (2200)	Gabo Island to Hobart	Gabo Island to Hobart	Eddystone Point to Hobart	Hobart
0730 29 th (0800)	Gabo Island to Hobart	Gabo Island to Hobart	Eddystone Point to Hobart	Hobart
2130 29 th (2200)	Eddystone Point to Hobart	Eddystone Pt to Hobart	No Outlook	Hobart
0730 30 th (0800)	Eddystone Point to Hobart	Eddystone Pt to Hobart	No Outlook	Hobart
2130 30 th (2200)	Eddystone Point to Hobart	Eddystone Pt to Hobart	No Outlook	Hobart
0730 31 st (0800)	Eddystone Point to Hobart	No forecast	No Outlook	Hobart

Weather Forecast Broadcast Times 26 December: 2000 hours;
Other days: 0800 and 2200 hours

Additional Safety / Position-reporting times: 0200 hours and 1400 hours. Urgent amendments to forecasts and warnings will be relayed at this time, but not routinely.

EXAMPLE ONLY

SYDNEY TO HOBART YACHT RACE WEATHER FORECAST
Issued by the Bureau of Meteorology at 11.00 AM XX December 1999

SYNOPTIC SITUATION AND EXPECTED DEVELOPMENTS

At 09.00 am today a 1030 hPa high pressure system centred near 38S 160E is directing a freshening northerly airstream along the NSW coastline. A cold front in the southern Bight is moving rapidly east and is expected to be near King Island at 10pm tonight and Gabo Island at around 3pm on Monday. A second cold front is expected to develop west of this leading cold front during Monday afternoon, maintaining a strong westerly airstream over the race track during Tuesday.

WARNINGS

A strong wind warning has been issued for mean winds between 25 and 33 knots for waters south of Jervis Bay commencing Monday afternoon also for all waters south of Gabo Island for Monday. Seas rising to 3.5m on a 1.5m swell.

A gale warning has been issued for mean winds of up to 40 knots for high seas east of Bass Strait commencing Monday afternoon. Seas rising to 6.0m on a 5.0 m swell. Max wave height 11m.

FORECASTS FOR THE REMAINDER OF SUNDAY 26 DECEMBER 1999

Sydney to Jervis Bay

Weather: Fine and sunny

Winds: NE winds averaging 18 knots increasing to 25 knots, gusting 35 knots, this evening and tending more northerly.

Seastate: 1.5 m seas increasing to 2.5 m this evening. 1.0m swell from the east.

FORECASTS FOR MONDAY 27 DECEMBER 1999

Port Kembla to Jervis Bay

Weather: A few evening showers developing.

Winds: N to NW winds averaging 25 knots, gusting 35 knots, shifting Southerly 25knots, gusting to 40 knots, in the evening.

Seastate: 2.5 m seas offshore increasing to 3.0 m inshore in the evening. 1.0m swell from the east.

Jervis Bay to Gabo Island

Weather: Cloud increasing with thunderstorms likely south of Merimbula in the late afternoon.

Winds: N to NE winds 25 knots, gusting 40 knots shifting West to South West 30 knots, gusting 45 knots in the mid to late afternoon. Possible squalls to 50 knots with thunderstorms.

Seastate: 2.5 m seas rising to 3.5 m offshore during the afternoon with the wind change. 1.5m north easterly swell.

Outlook for Tuesday:

25 knot westerly winds, gusting 35 knots. 2.5m seas rising to 3.5m offshore south of Merimbula. A 2.0 m south south westerly swell developing from the south.

Gabo Island to Eddystone Point

Weather: Occasional showers developing around noon with possible small hail.

Winds: Northerly winds increasing to 30 knots with gusts to 45 knots during the morning. Winds shifting Westerly averaging 40 knots with possible squalls to 65 knots in the early afternoon.

Seastate: Rising to 3.0 m during the morning then increasing to 6.0 m with the change. Confused 1.0m swell. Maximum wave height of 11 m late in the day.

Outlook for Tuesday:

Westerly winds averaging 30 to 35 knots with gusts to 50 knots.

Eddystone Point to Tasman Island

Weather: Scattered showers in the north and offshore.

Winds: West to North West winds averaging 25 to 30 knots, gusting to 40 knots.

Seastate: Rising to 3.0 m during the morning. 5.0 metre swell. Maximum wave height of 11 metres in offshore northern waters.

Outlook for Tuesday:

Westerly winds averaging 30 to 35 knots with gusts to 50 knots.

Notes:

- 1. Wind forecasts must include maximum gusts whenever the mean wind speed is 25 knots or greater or the possibility of wind squalls if this is appropriate.**
- 2. Sea and swell forecasts should include the probably maximum wave height whenever the significant wave height is forecast to be 4 metres high or greater.**
- 3. Weather. Particular attention should be given to the possible occurrence of thunderstorms or significant convective weather. Sea fog is also of concern.**

SCHEDULE 3

**CHARGES FOR SERVICES PROVIDED BY THE BUREAU OF METEOROLOGY
TO THE CRUISING YACHT CLUB OF AUSTRALIA ***

WEATHER BRIEFING 15 DECEMBER 1999 Mr Batt	\$ 91 - 00
WEATHER BRIEFING 24 DECEMBER 1999 Mr Buckley (Mr Batt to assist)**	\$ 146 - 00
EXTENDED WEATHER BRIEFING 26 DECEMBER 1999 Mr Buckley (Mr Batt to assist)**	\$ 292 - 00
FORECASTS AS PER SCHEDULE 1 12 @ \$51 plus \$6.60 transmission cost per forecast	\$ 691 - 20
ASSIGNMENT OF MR BATT TO HOBART*** (27 December 1999 to 2 January 2000)	\$ 3725 - 05
<u>TOTAL</u>	<u>\$ 4945 - 25</u>

* Charges calculated in accordance with the Bureau's Charging Policy.

** Mr Batt's participation in the briefings on 24th and 26th December is costed against the Bureau's Public Education Program. No charge is made against the CYCA for Mr Batt's involvement in these briefings.

*** The charge is based on Mr Batt providing the CYCA 40 hours advisory service during the period 27 December 1999 to 2 January 2000. The 40 hours service includes Mr Batt's travel time to and from Hobart and assumes that he will be off duty on 1 January 2000. The charge is calculated on the basis of the CYCA fully meeting Mr Batt's travel, accommodation and meals' costs and the Bureau providing Mr Batt \$85-05 to cover his incidental expenses during the period of the assignment.