

O.R.S.T.O.M.
Institut Français de Recherche Scientifique
pour le Développement en Coopération

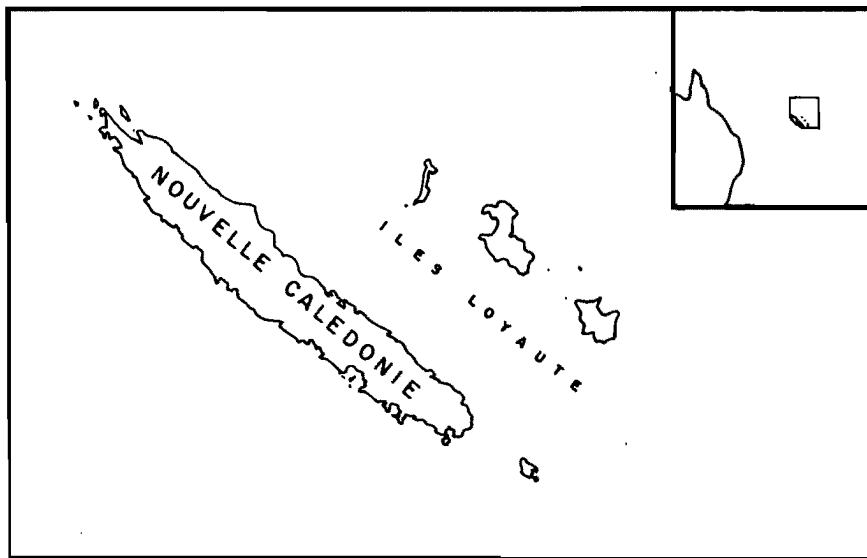
CENTRE DE NOUMÉA

OCEANOGRAPHIE

PROGRAMME "PROCAL"

I - CROISIÈRES "PRÉFIL" 2 a 10

N.O. CORIOLIS



1985

Centre ORSTOM-BP A5-NOUMÉA
NOUVELLE-CALÉDONIE



INSTITUT FRANCAIS POUR LA RECHERCHE EN DEVELOPPEMENT ET EN COOPERATION

O.R.S.T.O.M.

RÉSULTATS DES CAMPAGNES À LA MER DU PROGRAMME "PROCAL"

1 - CROISIERES "PREFIL"

Mars 1982 - Septembre 1984

préparé par

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Centre ORSTOM
B.P. A5
NOUMEA Cédex
Nouvelle-Calédonie

TABLE DES MATIERES

	<u>Page</u>
I - INTRODUCTION	1
II - METHODES DE TRAVAIL ET DE PRÉLÈVEMENTS	2
III - LISTE DES PARTICIPANTS	6
IV - RÉSULTATS	7
1 - Liste des croisières PREFIL	7
2 - Stockage des données	7
3 - Numérotation des stations	7
4 - Notations et unités	8
5 - Résultats d'observations	9
PREFIL 1	10
PREFIL 2	11
PREFIL 3	36
PREFIL 4	49
PREFIL 5	64
PREFIL 6	80
PREFIL 7	100
PREFIL 8	116
PREFIL 9	132
PREFIL 10	156
V - RÉFÉRENCES	175

I - INTRODUCTION

Le programme PROCAL avait pour but l'étude de la production pélagique et des mécanismes de la production dans les eaux de la zone économique de Nouvelle-Calédonie. L'influence des effets d'île sur cette production devait également être évaluée. L'un des facteurs d'enrichissement au voisinage des îles peut être représenté par les "effets d'îles", qui créent un enrichissement et qui permettraient d'expliquer la richesse relative des eaux du Pacifique occidental où la densité des îles est très forte. La Nouvelle-Calédonie et ses Dépendances entraînent des perturbations au sein de l'océan, par la présence de récifs, d'apports terrigènes, par la modification de la circulation générale, etc... Ces effets d'îles, encore mal connus, n'ont reçu que peu d'intérêt jusqu'à présent de la part des océanographes. ?

Très rapidement est apparue l'importance des ondes internes qui voient leur amplitude accrue au voisinage des îles où les fonds remontent, et qui ont une incidence sur la production primaire.

Trois sortes de croisières ont été effectuées pour étudier d'une part la réalité et la description de la production et des effets d'îles, d'autre part la variabilité de ces effets et de la production.

La première approche, faite avec le N.O. "Vauban", navire ORSTOM, a permis d'étudier en divers sites les ondes internes. Ce sont les croisières ONDIMAR, en nombre de 5. Les résultats feront l'objet d'un deuxième fascicule.

La deuxième approche, faite avec le N.O. "Coriolis", navire français géré par l'IFREMER, a permis de faire une étude dynamique du système et d'étudier les productions primaires et secondaires. Ce sont les croisières PREFIL, au nombre de 10, dont les résultats font l'objet du présent fascicule : données physiques et chimiques des stations hydrologiques et données biologiques concernant les productions primaire et secondaire.

Les enregistrements de S°/‰ et T° faits à la sonde STD dans le but de l'étude des ondes internes ne sont pas publiés dans ce fascicule et sont sur support informatique (HP 1000 de Nouméa).

Enfin une troisième partie du programme est constituée par la croisière PROLIGO, faite avec le N.O. "Jean Charcot", navire français géré par l'IFREMER. L'objectif en était d'étudier la production dans des eaux oligotrophes non perturbées par la présence d'îles. Les résultats feront l'objet d'un troisième fascicule.

II - MÉTHODES DE TRAVAIL ET DE PRÉLÈVEMENTS

A - Physique - Chimie - Production primaire

1 - Prélèvements

- Courants : - mesures au GEK (appareil ORSTOM)
 - mesures au "profileur de courant" avec un courantomètre Aanderaa mouillé à 600 m (référence) et un courantomètre Aanderaa libre de 0 m à 600 m. L'ensemble est monté sur bouée dérivante.
- Sonde STD Bissett Berman : fournit la température et la salinité en fonction de la profondeur, en temps réel.
- Rosette de 12 bouteilles PVC de 1,7 l. associée à la sonde. Permet les prélèvements aux niveaux choisis pour l'analyse ultérieure des descripteurs suivants :
 - . Oxygène dissous
 - . Nutrients : ammoniacque, nitrate, nitrite, phosphate.
 - . Pigments : chlorophylle a et phaeophytine.
 - . Azote et phosphore organique dissous.
- Bouteille PVC de 30 l. Fournit des prélèvements pour la détermination des descripteurs suivants :
 - . Assimilation du Cl_4 , P32 et N15 (NO_3 et NH_4).
 - . Nutrients : NH_4 , NO_2 , NO_3 , PO_4 .
 - . Nombre de Copépodes (inférieurs à 200 μ et supérieurs à 50 μ).
 - . Particules (C, N et P). P en particules à 50 μ et 200 μ .

2 - Méthodes d'analyse

Données physiques, chimiques et de production primaire.

- ✓ NO₃, NO₂, NH₄, PO₄ : Nitrate, nitrite, ammoniacque et phosphate minéral dissous mesurés à l'autoanalyseur Technicon par les méthodes classiques. (Manuel "Barrier/ORSTOM").
- ✓ Phosphore organique : Phosphore organique dissous mesuré sous forme de PO₄-P (Méthode d'Armstrong et Tibbits, 1968).
- ✓ Azote organique : Azote organique dissous mesuré sous forme de nitrate après irradiation UV et oxydation (Méthode d'Armstrong et Tibbits, 1968).
- ✓ Oxygène : Méthode de Winkler (Strickland et Parsons, 1972).
- Chl a : Mesure de la concentration en chlorophylle a au fluorimètre TURNER sur extraits acétoniques. Etalonnage au spectrophotomètre avec de la chlorophylle a.
- Phaeo : Phaeophytine mesurée par fluorimétrie après acidification de l'extrait acétonique.
- Chl A : Chlorophylle SCOR/UNESCO (Fluorescence et étalonnages).
- ✓ ^P_P : Phosphore en particules. Analyse par la méthode de Menzel et Corwin (1965) après filtration sur Whatman GF/F d'un volume de 1,5 l.
- ✓ ^C_P, ^N_P : Filtres Selas Flotronics 0.8μ de P₂ à P₉.
 Whatman GF/F (rétention meilleure que 0.5μ) de P₉ à P₁₀. Mesures faites avec l'analyseur CHN 185-B Hewlett-Packard. Volume filtré : 1,0 l. à 1,5 l.
- ✓ A T P : Mesuré avec l'ATP-mètre LKB - Filtres Millipore 0.45μ. Extraction suivant Holm-Hansen et Booth (1966).
- ✓ Lumière : Pénétration de la lumière mesurée avec un quanta-mètre LI-COR. La lumière intégrée sur la durée du jour a été également enregistrée. La cellule (à correction de cosinus) a été grée sur la sonde de façon à avoir une profondeur précise.
- , Comptage : En scintillation liquide (Instagel et Aquasol 2). Correction par courbe de quenching établie avec échantillons quenchés (acétone; Cl 4).
- ✓ U A O : Utilisation apparente de l'oxygène, calculée d'après Weiss (1970).
- ✓ % Oxygène : Pourcentage de saturation de l'oxygène (Weiss 1970).
- Salinité et
 ✓ Température : Mesurées par la sonde STD Bissett-Berman.

- ^{14}C : Production primaire calculée en prenant une valeur de CO_2 total de 90 mg.l^{-1} , valeur moyenne de la région. Comptages : minivials + 6 cl liquide scintillant.
- ^{32}P : Comptages : en Cerenkov avec 10 ml eau, fioles en verre.
- Copépodes : Nombre de Copépodes recueillis sur soie de 50 μm d'après un prélèvement de 27 l. (bouteille Niskin) et comptés à la loupe binoculaire (tamisage préalable sur 200 μm).

3 - Microzooplancton et mésozooplancton

- 1 - Prélèvements à la bouteille de 30 l. L'eau est tamisée sur une soie de 200 μm , puis de 50 μm avant de servir aux mesures sur les particules (production primaire, chlorophylle, composition élémentaire, etc...). Ces soies et les organismes qu'elles contiennent font l'objet de mesures de phosphore particulaire par la méthode de Menzel et Corwin (1965), immédiatement après le prélèvement ou au retour de mer après conservation au congélateur. Notons que les organismes recueillis sur 200 μm sont dénombrés sous loupe binoculaire à bord. Seuls les effectifs de Copépodes, qui sont les plus nombreux, seront présentés ici.
- 2 - Prélèvements au filet. Le microzooplancton est recueilli en traits verticaux avec un filet de 50 μm de vide de maille, de $\varnothing = 39$ cm à l'ouverture et de longueur 260 cm. A partir de la campagne PREFIL 7, on a utilisé un filet double qui permettait de ramener deux échantillons simultanément. Le plancton ainsi recueilli est tamisé sur 200 μm .
Le mésozooplancton est recueilli en traits verticaux avec un filet WP-2 triple (Anonyme, 1968) de 200 μm de vide de maille. Il est tamisé sur 5 mm avant toute mesure.
Le volume d'eau filtré par les filets a été mesuré avec des débit-mètres TSK et la profondeur maximum atteinte, estimée à partir de la longueur de câble filé, corrigée de l'angle. Les valeurs de biovolume déplacé, de poids sec, poids sec sans cendre sont rapportées au volume filtré (en m^3) ou à la colonne d'eau (valeurs par mètre-carré = valeurs par mètre-cube multipliée par la profondeur maximum atteinte).
- 3 - Mesures de biomasse et de composition élémentaire (carbone, azote, phosphore), selon le protocole opératoire décrit par LE BORGNE (1975) :
 - volume déplacé (VDEPL), mesuré à bord. En ml.
 - poids sec (PS), mesuré à terre sur du plancton recueilli sur une soie rincée à l'eau douce, séchée à 60°C pendant 24 h., puis conservée au congélateur.
 - poids sec sans cendre (PSSC). L'échantillon destiné à la détermination du poids sec est brûlé au four (550°C) pendant une demi-heure afin de déterminer le pourcentage du poids sec sans cendre (ou poids de matière organique) dans le poids sec total. Les valeurs par mètre-cube ou mètre-carré sont le produit du pourcentage ainsi obtenu par le poids sec rapporté au volume d'eau considéré.

- composition élémentaire (C, N, P) : les mesures sont faites sur le plancton d'un échantillon total, broyé, dilué et dont une fraction est déposée dans des nacelles (récipients en aluminium de $\approx 100\mu\text{l}$) destinées aux analyses au "CHN" (modèle 185 B de Hewlett-Packard) ou de phosphore particulaire (Menzel et Corwin, 1965). Ces échantillons, séchés (60°C , 24h.), sont pesés afin de permettre le calcul du pourcentage du poids sec en carbone, azote et phosphore. Les rapports C/N et N/P sont des rapports atomiques. Les valeurs de C, N, P sont, de la même façon que pour le poids sec sans cendre, rapportées au mètre-cube ou au mètre-carré.
 - 4 - Observations générales. Tous les échantillons de micro- et de méso-zooplancton contenaient à des degrés divers, des Cyanophycées du genre *Oscillatoria* (ou *Trichodesmium*), de sorte que le terme de "zooplancton" qui est utilisé, n'est pas rigoureusement exact. Des mesures de respiration et d'excrétion du zooplancton ont été faites également au cours de ces campagnes, mais leurs résultats ne figurent pas ici.
- B - Macrozooplancton et micronecton
- 1 - Prélèvements au filet OMORI (1965), de maille 2 mm, par traits obliques à une vitesse maintenue proche de 3 noeuds. Volume filtré et profondeurs échantillonnées sont déterminées avec un D.D.R. (Depth-Distance-Recorder) T.S.K., monté à l'embouchure, au tiers du diamètre ($\emptyset = 160\text{ cm}$).
 - 2 - Mesures de biomasses. Les échantillons, conservés dans du formol à 10 %, sont triés et pesés par taxon. Poids humide et poids sec formolés sont ensuite rapportés au volume filtré par le filet.
 - 3 - Analyse élémentaire. Des animaux ayant servi aux mesures d'excrétion sont rincés à l'eau douce, séchés, pesés, broyés dans un mortier et une fraction analysée pour le C, N et P selon les méthodes décrites.

III - LISTE DES PARTICIPANTS

		P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
BLANCHOT J.	Chargé de Recherches/Zoo										x
BONNET S.	Technicien/Chimiste							x	x	x	x
CHARPY L.	Chargé de Recherches/Prod. I									x	
COSTA B.	VAT/Biologiste							x	x	x	x
CREMOUX J.L.	Technicien/Chimiste		x	x	x	x	x	x	x	x	x
DANDONNEAU Y.	Maître de Recherches/Prod. I	x	x			x	x		x		
FERRER H.	Technicien/Chimiste	x	x	x	x						
GALLOIS F.	Technicien/Electronicien									x	
GERARD Ph.	Technicien/Chimiste				x	x	x	x	x	x	x
GUILLERM J.M.	Technicien/Physicien	x	x	x	x	x	x	x	x		x
HAZANE Ph.	VAT/Ass. Biologiste					x					
LE BORGNE R.	Maître de Recherches/Zoo			x	x	x	x	CdM	CdM	x	x
LEMASSON L.	Directeur de Recherches/Prod.I	CdM	CdM	CdM	CdM	CdM	CdM			CdM	CdM
MARCHAND J.	Technicien/Electronicien				x		x			x	x
MOLL Ph.	Technicien/Biologiste	x		x							
MOU-THAM C.	Technicien/Biologiste								x		
PANCHE J.Y.	Technicien/Electronicien			x		x		x	x		
REBERT J.P.	Maître de Rech. Princ./Phys.	x				x	x				
ROGER C.	Maître de Rech. Princ./Zoo			x	x	x	x	x			
THILLIER J.	VAT/Ass. Biologiste				x						
VUILLARD D.	VAT/Informaticien	x	x								
WAGNA P.	Technicien/Chimiste		x	x			x				
WALICO H.	Technicien/Biologiste			x	x			x	x	x	x

CdM : Chef de Mission

IV - RÉSULTATS

1 - Liste des croisières

- PREFIL 1 - du 11/02/82 au 16/02/82 - GEK autour de Walpole pendant 48 heures
4 stations STD. Interruption due à une avarie de matériel.
- PREFIL 2 - du 06/05/82 au 15/05/82 - Trajet GEK autour de Maré suivi de 6
radiales de 7 stations. 3 points fixes de 24 heures.
- PREFIL 3 - du 07/12/82 au 19/12/82 - 3 points fixes de 3 jours chacun à
l'est de Maré.
- PREFIL 4 - du 24/01/83 au 06/02/83 - GEK autour de Maré. 6 radiales de
3 stations. 4 points fixes de 3 jours (1) et 1 jour (3).
- PREFIL 5 - du 13/04/83 au 25/04/83 - GEK autour de Maré. 6 radiales de
3 stations. 1 point fixe de 6 jours.
- PREFIL 6 - du 08/09/83 au 18/09/83 - GEK autour de Maré. 6 radiales de
3 stations. 2 points fixes de 3 jours chacun.
- PREFIL 7 - du 08/11/83 au 20/11/83 - GEK autour de Maré. 6 radiales de
3 stations. 2 points fixes de 3 jours chacun.
- PREFIL 8 - du 03/02/84 au 14/02/84 - 1 transect SW-NE entre Lifou et Maré.
4 stations E de Maré. 2 points fixes de 3 jours chacun.
- PREFIL 9 - du 10/05/84 au 22/05/84 - Transect de 7 stations entre Ouvéa et
Lifou. 3 points fixes de 3 jours.
- PREFIL 10 - du 30/08/84 au 09/09/84 - Transect de 9 stations. 2 points fixes
de 4 jours et de 3 jours.

2 - Stockage des données

La saisie des données a été effectuée par J.L. CREMOUX. Les données physiques, chimiques et de production primaire sont stockées à l'Antenne ORSTOM de Brest, et au Centre ORSTOM de Nouméa sur HP 1000. Elles portent le sigle : RCO (millésime + lettre).

Les données T et S des stations sondes ne sont pas publiées ici. Elles sont stockées aux deux centres cités ci-dessus sous le sigle : SCO (millésime + lettre).

3 - Numérotation des stations

Le numéro des stations au point fixe est déterminé en ajoutant "10" devant le numéro correspondant à la station STD (effectuée juste avant les prélèvements à la bouteille de 30 l.)

4 - Notations et unités

CODE	PARAMETRE (SIGLE)	NB. CH. SIGNIF.	FORMAT SORTIE	UNITE
01	IMMERSION (PROF)	4	XXXX	m
03	TEMPERATURE (TEMP)	4	XX.XX	°C
04	SALINITE (SAL)	4	XX.XX	10**3
06	OXYGENE DISSOUS (O2)	3	X.XX	ml l**1
07	PHOSPHATE MINERAL DISSOUS (PO4)	3	X.XX	UMol l**1
08	PHOSPHORE DISSOUS (PTOTAL)	3	X.XX	UMol l**1
09	NITRATE (NO3)	4	XX.XX	UMol l**1
10	NITRITE (NO2)	3	X.XX	UMol l**1
11	SILICATE (SiO3-Si)	4	XX.XX	UMol l**1
21	NITRATE + NITRITE (NO2NO3)	4	XX.XX	UMol l**1
22	CHLOROPHYLLE - A (Chla)	4	XX.XX	Ug l**1
23	PHEOPHYTINE (PHAE)	4	XX.XX	Ug l**1
24	A.T.P.	4	XXXX	ng **1
28	AMMONIUM (NH4)	3	X.XX	UMol l**1
29	CONCENTRATION AZOTE PARTICULAIRE (NP)	4	XX.XX	UMol l**1
30	IMMERSION PHOTOMETRIQUE (I/I0-) (% PENETRATION / SURFACE)	4	X.XXX	%
33	CHLOROPHYLLE-A SU (SCOR-UNESCO) (CHLA)	4	XX.XX	UMol l**1
36	VITESSE D ASSIMILATION DE L'AZOTE NITRIQUE	5	X.XXXX	h**1
37	VITESSE D ASSIMILATION DE L'AZOTE AMMONIACAL	5	X.XXXX	h**1
38	AZOTE NITRIQUE ASSIMILE	5	X.XXXX	UMol l**1
39	AZOTE AMMONIACAL ASSIMILE	5	X.XXXX	UMol (1h)**1
40	C14 (C14)	4	XX.XX	Ug (1j)**1
43	AZOTE ORGANIQUE DISSOUS (NTOTAL)	4	XX.XX	UMol l**1
45	PHOSPHORE EN PARTICULES (PP)	4	X.XXX	UMol (l**1)*10
74	PHOSPHORE ORGANIQUE DISSOUS	3	X.XX	UMol l**1
77	CARBONE PARTICULAIRE (CP)	4	XX.XX	UMol l**1
78	COPEPODES (COMPTAGE EN 30) (COPEP)	4	XXXX	
80	UREE	3	X.XX	UMol l**1
86	ENERGIE LUMINEUSE PAR JOUR (0+) (400nm - 700nm)	5	XXXX.X	10**22cm
87	FLUO +DCMU / FLUO IN VIVO	3	X.XX	
88	% PHAEOPHYTINE (%PHAE)	2	XX	%
89	P PARTICULAIRE Zpk 200 microns (PP200)	4	XX.XX	nmol l**1
90	P PARTICULAIRE Zpk 50 microns (PP50)	4	XX.XX	nmol l**1
91	VITESSE ASSIMILATION DU PHOSPHATE CLAIR	3	.XXX	h**1
92	VITESSE ASSIMILATION DU PHOSPHATE SOMBRE	3	.XXX	h**1

) OK

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5 - Résultats d'observations

Remarques générales pour toutes les croisières :

Immersion photométrique (I/I_{0-}) : rapport de l'énergie mesurée à Z_m sur l'énergie reçue en surface corrigée de la réflexion ($I_{0-} = I_{0+} * .9$).

C 14 : Production primaire journalière, calculée en tenant compte du rapport "Energie par jour/Energie reçue pendant l'incubation".

Vent : Direction en degrés - V en m/s (xxx/x)

Heure : heure locale

Arr. : T° air sec T° air humide

PREFIL 1 :

La croisière PREFIL 1 (autour de Walpole) ayant été interrompue après 4 stations sonde STD, les résultats n'ont pas été édités dans ce fascicule.

PREFIL 2

(RCO 82 B)

du 6 au 15 Mai 1982

Description de la croisière

- 65 stations sonde STD0 entre 0 et 200 m, 1 à 65.

- 3 stations de longue durée au point fixe.

A : 44 à 49 + 1045

B : 50 à 57 + 1054

C : 58 à 65 + 1059

- 3 stations "current-profiler" : mesure de la répartition verticale des courants entre 0 et 600 m.

GEK pendant 36 heures autour de l'île de Maré avec prélèvements pour la salinité et analyse en continu du nitrate.

GEK pendant le trajet Nouméa-Maré aller et retour.

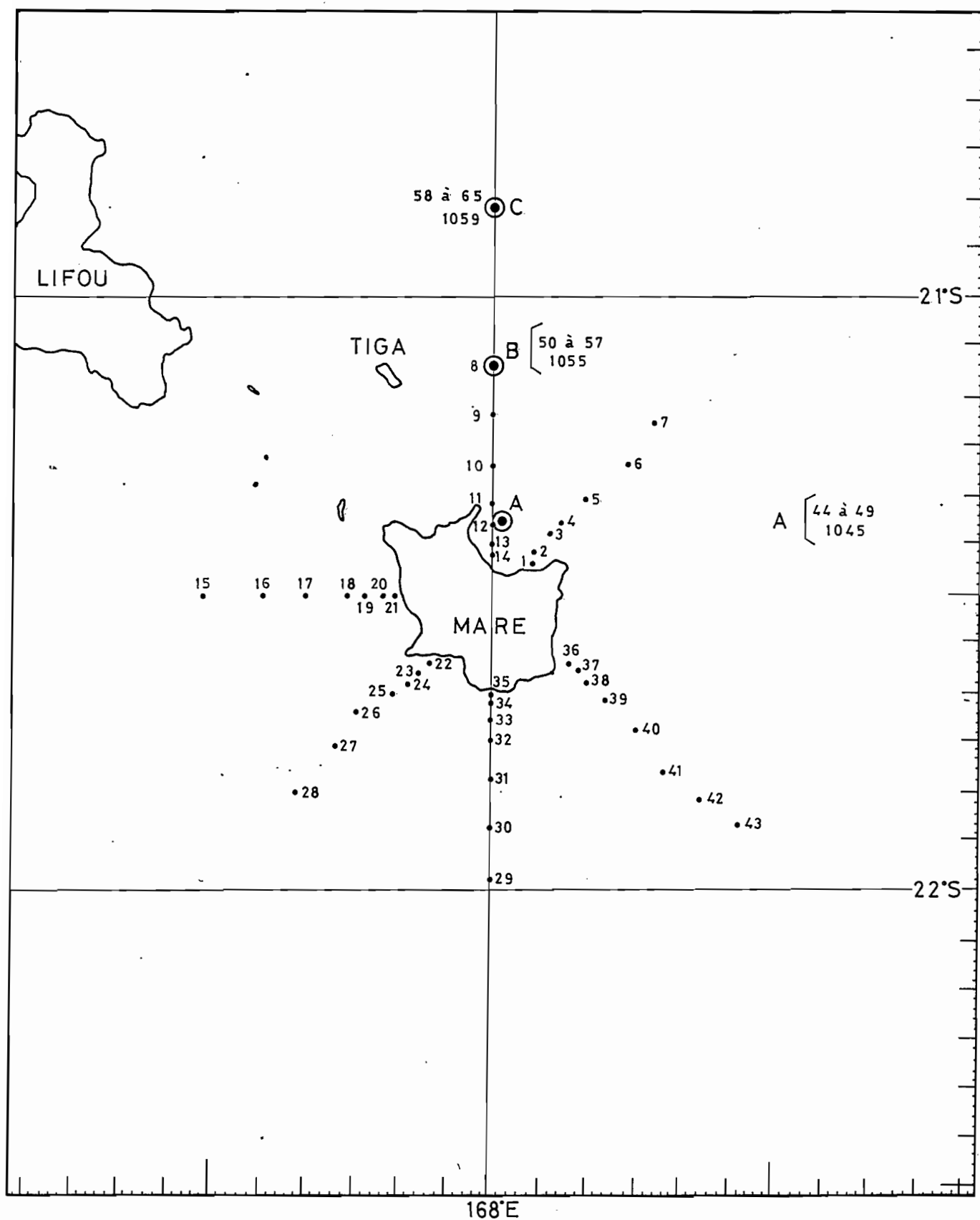
Chl A : Chl SCOR/UNESCO uniquement avec étalonnages.

CHN : Filtres Selas Flotronics en Ag (0,8 μ m).

Tamisage sur 120 μ .

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PREFIL 2



CROISIERE: RC082B
STATION : 1
POSITION : 21.27 S 168.04 E

DATE: 9 5 82
HEURE: 6 30

- 13 -

AIR= 2259999 VENT=112/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.73	35.62	23.91	4.86	182.6	-.13		.08	.06				.05		
11.	24.74	35.62	23.91												
26.	24.73	35.62	23.91	4.62	181.8	-.09		.09	.05				.07		
34.	24.65	35.61	23.93	4.84	182.1	-.10		0.00	.04				.07		
42.	23.81	35.61	24.18	4.84	180.5	-.02		.12	.07				.07		
47.	23.34	35.68	24.37	4.78	98.4	.08		.16	.06				.31		
63.	22.79	35.71	24.55	4.55	98.9	.06		.09	.06				.55		
72.	22.21	35.74	24.74	4.77	96.2	.19		.46	.12				.55		
95.	20.55	35.78	25.15	4.58	90.0	.51		1.98	.14				.21		
119.	19.47	35.76	25.50	4.49	86.0	.73		3.23	.08				.09		
150.	18.55	35.73	25.71	4.50	84.6	.62		3.96	.07				.09		
200.	17.27	35.65	25.97	4.64	85.0	.82		5.27	.05				.09		

CROISIERE: RC082B
STATION : 2
POSITION : 21.26 S 168.04 E

DATE: 9 5 82
HEURE: 7 40

AIR= 2349999 VENT=112/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.70	35.61	23.91	4.86	182.6	-.12		.02	.07				.08		
23.	24.62	35.61	23.94	4.85	182.2	-.11		.13	.08				.15		
31.	24.38	35.62	24.02	4.93	183.5	-.16		.12	.06				.33		
38.	24.09	35.64	24.12	4.86	161.5	-.07		.04	.07				.34		
46.	22.52	35.72	24.64	4.69	99.2	.04		.03	.13				.54		
54.	22.18	35.73	24.74	4.96	100.8	.00		.54	.18				.65		
77.	21.02	35.78	25.10	4.52	87.2	.55		1.86	.15				.34		
101.	20.59	35.78	25.22	4.51	88.2	.60		2.28	.14				.28		
108.	20.43	35.77	25.25	4.75	96.5	.18		2.26	.12				.28		
116.	19.67	35.74	25.43	4.18	86.3	1.02		2.79	.12				.24		
146.	18.76	35.71	25.64	4.42	83.4	.68		3.92	.11				.10		
203.	17.22	35.63	25.96	4.64	84.9	.82		5.03	.08				.10		

CROISIERE: RC082B
STATION : 3
POSITION : 21.24 S 168.06 E

DATE: 9 5 82
HEURE: 8 40

AIR= 2399999 VENT=112/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.43	35.61	23.99					.01	.02				.12		
32.	23.94	35.63	24.16					.09	.04				.71		
36.	23.92	35.66	24.18					.19	.06				.86		
39.	22.75	35.74	24.59					.20	.04				.73		
47.	22.44	35.75	24.68					.21	.04				.78		
55.	22.64	35.76	24.80					1.26	.13				.61		
62.	21.67	35.74	24.89					1.81	.13				.30		
71.	20.76	35.77	25.16					1.92	.12				.26		
98.	20.08	35.78	25.35					2.56	.08				.14		
129.	19.25	35.75	25.55					3.09	.06				.14		
168.	18.47	35.72	25.72					3.61	.05				.14		
199.	17.71	35.68	25.88					4.26	.04				.05		

CROISIERE: RCO82B
STATION : 4
POSITION :21.23 S 168.07 E

DATE: 9 5 82
HEURE: 9 25

- 14 -

AIR= 3 4 VENT=112/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.39	35.63	24.02					.18	.03				.11		
26.	24.14	35.62	24.09					.19	.04				.17		
33.	23.58	35.65	24.28					.27	.05				.26		
49.	22.67	35.76	24.62					.31	.06				.39		
57.	22.06	35.75	24.79					.38	.06				.48		
65.	21.37	35.77	25.00					.71	.09				.39		
77.	20.93	35.81	25.15					1.11	.13				.35		
90.	20.47	35.76	25.23					1.40	.16				.35		
101.	19.79	35.86	25.44					2.80	.08				.21		
126.	19.43	35.79	25.53					2.92	.07				.11		
150.	19.23	35.79	25.58					3.30	.06				.11		
205.	18.32	35.74	25.78					3.96	.06				.04		

CROISIERE: RCO82B
STATION : 5
POSITION :21.20 S 168.10 E

DATE: 9 5 82
HEURE: 10 37

AIR= 2449999 VENT=112/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.68	35.67	23.96					.05	.03				.09		
36.	24.47	35.65	24.01					.11	.04				.08		
44.	24.23	35.63	24.07					.06	.03				.13		
52.	23.58	35.72	24.33					.02	.03				.13		
60.	22.84	35.72	24.54					.01	.04				.25		
68.	22.20	35.79	24.78					.03	.03				.29		
75.	21.78	35.79	24.90					.03	.05				.45		
83.	21.57	35.82	24.98					.06	.07				.50		
90.	21.34	35.82	25.04					.05	.08				.56		
100.	20.72	35.81	25.20					.72	.22				.40		
150.	19.13	35.78	25.60					2.96	.08				.12		
200.	18.01	35.71	25.83					4.17	.06				.09		

CROISIERE: RCO82B
STATION : 6
POSITION :21.17 S 168.14 E

DATE: 9 5 82
HEURE: 11 40

AIR= 2439999 VENT=112/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.80	35.58	23.86					.02	.02				.11		
33.	24.60	35.62	23.95					.03	.02				.11		
41.	23.98	35.67	24.17					.03	.02				.11		
52.	23.41	35.71	24.37					.02	.02				.13		
60.	22.25	35.69	24.69					0.00	.01				.15		
65.	21.74	35.79	24.91					.02	.01				.27		
72.	21.61	35.80	24.95					.07	.04				.53		
83.	20.97	35.80	25.13					.12	.06				.57		
91.	20.21	35.80	25.33					.29	.11				.53		
100.	20.09	35.80	25.37					1.25	.15				.25		
150.	18.99	35.76	25.62					2.44	.05				.11		
200.	18.00	35.70	25.83					3.08	.04				.06		

CROISIERE: RC0828
STATION : 7
POSITION :21.13 S 168.17 E

DATE: 9 5 82
HEURE: 12 55

- 15 -

AIR= 2439999 VENT=112/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NHA
0.	24.80	35.57	23.85	4.80	101.5	-.07		.02	.03				.06		
31.	24.16	35.68	24.13	4.93	103.1	-.15		.03	.03				.06		
42.	23.82	35.78	24.24	4.98	103.5	-.17		0.00	.03				.11		
50.	23.59	35.73	24.33	4.97	102.9	-.14		.01	.03				.12		
60.	23.24	35.74	24.44	4.97	102.2	-.11		0.00	.03				.15		
68.	22.54	35.75	24.65	5.20	105.5	-.27		0.00	.03				.18		
76.	22.06	35.78	24.81	5.07	102.0	-.10		0.00	.07				.48		
84.	21.54	35.78	24.96	4.95	98.6	.07		.08	.11				.54		
92.	21.13	35.82	25.10	4.91	97.1	.15		.29	.17				.44		
99.	20.92	35.82	25.16	4.81	94.7	.27		.66	.19				.37		
150.	19.37	35.75	25.52	4.66	87.9	.63		3.09	.06				.12		
203.	18.30	35.73	25.77	4.59	65.9	.76		3.56	.06				.06		

CROISIERE: RC0828
STATION : 8
POSITION :21.07 S 168.00 E

DATE: 9 5 82
HEURE: 15 0

AIR= 2419999 VENT=110/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NHA
0.	24.79	35.57	23.86	4.85	102.5	-.12		.36	.03				.06		
26.	24.27	35.68	24.10	4.95	103.7	-.18		.35	.03				.20		
36.	24.09	35.69	24.16	4.91	102.5	-.12		.27	.04				.26		
46.	23.66	35.70	24.29	4.89	101.3	-.06		.27	.05				.32		
54.	23.15	35.73	24.46	4.89	100.4	-.02		.26	.06				.04		
62.	22.96	35.72	24.51	4.96	101.4	-.07		.26	.05				1.02		
72.	21.89	35.73	24.82	4.81	96.4	.18		.95	.15				.80		
81.	21.57	35.80	24.96	4.80	95.7	.22		.77	.15				.70		
91.	21.08	35.79	25.09	4.74	93.6	.32		1.19	.17				.54		
100.	20.55	35.82	25.26	4.36	65.2	.75		1.72	.18				.50		
150.	19.28	35.78	25.56	4.50	85.8	.74		3.72	.06				.16		
198.	18.30	35.74	25.78	4.59	65.9	.76		4.43	.07				.06		

CROISIERE: RC0828
STATION : 9
POSITION :21.12 S 168.00 E

DATE: 9 5 82
HEURE: 16 5

AIR= 2419999 VENT=116/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NHA
0.	24.64	35.60	23.92					.01	.02				.10		
20.	24.57	35.59	23.94					.09	.02				.10		
31.	24.53	35.60	23.96					.10	.02				.11		
38.	24.50	35.61	23.97					.09	.01				.15		
46.	23.61	35.67	24.28					.19	.02				.25		
54.	23.35	35.71	24.39					.09	.02				.34		
62.	22.81	35.65	24.50					.11	.02				.60		
69.	22.08	35.76	24.79					.57	.13				.60		
77.	21.75	35.75	24.88					1.40	.16				.39		
108.	20.86	35.80	25.16					2.76	.09				.18		
150.	19.32	35.78	25.55					3.36	.06				.07		
200.	18.31	35.72	25.76					4.10	.05				.04		

CROISIERE: RCO826
STATION : 10
POSITION :21.17 S 168.00 E

DATE: 9 5 82
HEURE: 17 2

- 16 -

AIR= 2419999 VENT=110/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.80	35.61	23.88	4.84	162.4	-.11		0.00	.05				.09		
30.	24.75	35.62	23.91	4.98	105.2	-.25		0.00	.05				.17		
37.	24.71	35.62	23.92	4.91	163.7	-.17		0.00	.05				.19		
45.	24.58	35.61	23.95	4.91	103.4	-.16		0.00	.06				.30		
53.	23.84	35.61	24.17	4.81	99.9	.00		.03	.05				.57		
61.	23.64	35.65	24.26	4.81	97.6	.02		.06	.07				.69		
68.	22.78	35.66	24.52	4.65	94.7	.26		1.13	.15				.58		
76.	21.49	35.73	24.93	4.45	88.5	.58		2.64	.16				.36		
84.	20.49	35.78	25.24	4.35	84.9	.77		3.10	.11				.24		
100.	19.98	35.74	25.35	4.23	81.8	.94		3.49	.09				.11		
150.	18.92	35.75	25.63	4.45	84.3	.83		3.50	.07				.11		
200.	18.24	35.73	25.79	4.52	84.5	.83		3.95	.07				0.60		

CROISIERE: RCO826
STATION : 11
POSITION :21.21 S 168.00 E

DATE: 9 5 82
HEURE: 17 54

AIR= 2419999 VENT=110/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.78	35.62	23.90					.04	.05				.08		
17.	24.74	35.62	23.91					.06	.05				.11		
29.	24.67	35.62	23.93					.09	.05				.21		
37.	23.91	35.57	24.12					.14	.06				.52		
44.	23.17	35.64	24.39					.48	.09				.67		
50.	21.93	35.61	24.72					.72	.13				.67		
58.	20.57	35.75	25.20					2.63	.12				.27		
65.	20.37	35.77	25.27					3.12	.11				.18		
75.	20.02	35.75	25.35					3.33	.11				.18		
100.	19.58	35.74	25.45					3.66	.08				.15		
150.	18.20	35.69	25.77					3.73	.07				.08		
200.	17.60	35.68	25.91					4.86	.06				.08		

CROISIERE: RCO826
STATION : 12
POSITION :21.23 S 168.00 E

DATE: 9 5 82
HEURE: 18 37

AIR= 2389999 VENT=110/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.75	35.61	23.90	4.84	162.3	-.11		0.00	.04				.12		
34.	24.70	35.62	23.92	5.03	106.2	-.29		0.00	.05				.26		
42.	24.48	35.59	23.96	4.84	161.7	-.08		0.00	.05				.46		
50.	23.05	35.61	24.40	4.75	97.2	.13		.22	.07				.85		
58.	21.96	35.68	24.76	4.51	96.5	.47		1.40	.16				.52		
65.	21.42	35.76	24.98	4.48	99.0	.55		1.65	.16				.36		
73.	21.14	35.77	25.06	4.41	87.2	.65		1.93	.16				.35		
81.	20.81	35.75	25.13	4.39	86.2	.70		2.25	.15				.35		
90.	20.47	35.75	25.23	4.34	84.7	.78		2.71	.13				.21		
100.	20.10	35.77	25.34	4.05	79.5	1.11		3.28	.10				.15		
150.	19.09	35.75	25.59	4.38	83.2	.88		3.56	.07				.09		
200.	17.42	35.65	25.94	4.47	82.1	.97		5.32	.07				.09		

CROISIERE: RCO828
STATION : 13
POSITION :21.25 S 168.00 E

DATE: 9 - 5 82
HEURE: 19 17

- 17 -

AIR= 2389999 VENT=110/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	Oz	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.75	35.62	23.91					0.00	.04				.10		
26.	24.76	35.62	23.90					.02	.05				.13		
37.	24.70	35.61	23.91					.06	.05				.30		
45.	24.33	35.61	24.02					.02	.06				.41		
53.	23.58	35.64	24.27					.18	.07				.68		
61.	22.90	35.68	24.50					.42	.11				.69		
68.	21.74	35.70	24.84					1.32	.17				.48		
76.	21.14	35.78	25.07					1.84	.17				.37		
84.	20.69	35.77	25.18					2.41	.14				.25		
100.	20.28	35.77	25.29					2.67	.11				.21		
150.	19.15	35.75	25.57					4.15	.08				.09		
200.	17.31	35.63	25.94					5.78	.07				.09		

CROISIERE: RCO828
STATION : 14
POSITION :21.26 S 168.00 E

DATE: 9 5 82
HEURE: 19 55

AIR= 2379999 VENT=110/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	Oz	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.75	35.61	23.90					.08	.04				.12		
36.	24.67	35.61	23.92					.09	.04				.52		
45.	24.25	35.59	24.03					.18	.05				.51		
53.	23.37	35.66	24.35					.48	.08				.62		
61.	22.39	35.74	24.69					.77	.12				.62		
68.	21.79	35.74	24.86					1.16	.16				.58		
76.	21.25	35.74	25.01					1.45	.15				.37		
84.	20.69	35.75	25.17					2.41	.12				.29		
92.	20.43	35.77	25.25					2.46	.13				.20		
119.	19.97	35.76	25.37					3.18	.08				.14		
150.	18.58	35.69	25.67					4.43	.08				.14		
200.	17.63	35.66	25.89					5.14	.07				.10		

CROISIERE: RCO828
STATION : 15
POSITION :21.36 S 167.29 E

DATE: 10 5 82
HEURE: 6 16

AIR= 2289999 VENT= 96/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	Oz	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.71	35.57	23.88	4.87	102.8	-.13		.06	.02				.09		
29.	24.72	35.57	23.88	4.82	101.8	-.08		.06	.02				.16		
44.	24.72	35.57	23.88	4.80	101.3	-.06		.03	.02				.12		
53.	24.69	35.58	23.89	4.86	102.5	-.12		.07	.02				.12		
58.	24.42	35.61	24.00	4.88	102.5	-.12		.07	.02				.15		
68.	23.65	35.65	24.26	4.90	101.5	-.07		.06	.02				.19		
76.	22.78	35.73	24.57	5.00	101.9	-.09		.09	.03				.25		
84.	22.13	35.78	24.79	4.96	99.9	.00		.08	.02				.30		
91.	21.77	35.80	24.91	4.95	99.0	.05		.14	.05				.73		
100.	21.19	35.78	25.05	4.69	92.8	.36		.65	.17				.67		
150.	19.59	35.79	25.49	4.43	65.0	.78		3.27	.05				.15		
200.	18.68	35.76	25.70	4.44	63.7	.86		4.63	.04				.04		

CROISIERE: RC082B
STATION : 16
POSITION :21.30 S 167.35 E

DATE: 10 5 82
HEURE: 7 12

- 18 -

AIR= 2309999 VENT= 96/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	OZ	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.60	35.55	23.90	4.82	181.5	-.87		.07	.01				.08		
35.	24.46	35.58	23.96	4.86	182.1	-.10		.16	.01				.10		
44.	24.18	35.67	24.14	4.95	183.4	-.16		.17	.01				.13		
56.	23.63	35.71	24.31	4.91	181.7	-.98		.22	.01				.18		
64.	23.27	35.73	24.43	4.98	182.4	-.12		.25	.02				.21		
72.	22.86	35.75	24.56	5.00	182.1	-.10		.28	.01				.25		
80.	22.43	35.75	24.68	4.95	180.3	-.81		.37	.03				.50		
87.	21.73	35.75	24.88	4.80	95.9	.20		.79	.15				.51		
95.	21.04	35.78	25.09	4.68	92.3	.39		1.36	.26				.42		
103.	20.74	35.80	25.19	4.38	85.9	.72		1.58	.19				.39		
150.	19.85	35.80	25.43	4.49	86.6	.69		3.36	.66				.20		
200.	18.75	35.70	25.64	4.45	84.0	.65		4.55	.04				.09		

CROISIERE: RC082B
STATION : 17
POSITION :21.30 S 167.40 E

DATE: 10 5 82
HEURE: 8 13

AIR= 2309999 VENT= 96/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	OZ	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.46	35.62	23.99	4.82	181.3	-.66		.08	0.00				.12		
40.	24.36	35.65	24.05	4.88	182.4	-.11		.10	0.00				.13		
48.	23.94	35.66	24.18	4.88	181.6	-.08		.14	.01				.17		
56.	23.20	35.72	24.44	4.95	181.7	-.88		.88	0.00				.28		
64.	22.74	35.78	24.62	4.91	180.0	-.80		.08	.61				.29		
73.	22.12	35.76	24.78	4.71	94.0	.26		.67	.10				.65		
80.	21.51	35.79	24.97	4.74	94.4	.28		.99	.16				.49		
88.	21.17	35.82	25.09	4.66	92.2	.39		1.58	.15				.35		
96.	20.75	35.82	25.20	4.61	96.5	.49		1.92	.11				.33		
110.	20.39	35.80	25.29	4.49	87.5	.64		2.48	.06				.27		
150.	18.92	35.74	25.62	4.35	82.4	.93		4.19	.62				.08		
200.	18.01	35.76	25.82	4.47	83.1	.91		4.49	.02				.07		

CROISIERE: RC082B
STATION : 18
POSITION :21.30 S 167.44 E

DATE: 10 5 82
HEURE: 9 7

AIR= 2309999 VENT= 96/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	OZ	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.49	35.68	24.03	4.95	184.1	-.20		.02	0.00				.07		
37.	24.25	35.67	24.09	4.92	183.0	-.14		.01	0.00				.11		
53.	23.56	35.71	24.33	4.92	181.7	-.08		.01	.01				.20		
61.	22.64	35.76	24.63	4.87	99.0	.05		.02	.01				.35		
68.	22.41	35.78	24.71	4.87	98.6	.07		.05	.02				.51		
76.	21.56	35.77	24.94	4.79	95.4	.23		.34	.12				.53		
84.	21.13	35.81	25.09	4.61	91.1	.45		1.35	.17				.35		
92.	20.69	35.78	25.14	4.48	83.1	.60		2.09	.12				.31		
100.	20.68	35.77	25.18	4.37	85.6	.73		2.79	.08				.27		
124.	19.67	35.74	25.43	4.82	77.2	1.18		3.57	.04				.09		
150.	18.89	35.73	25.62	4.39	83.1	.89		3.98	.63				.08		
200.	18.00	35.70	25.83	4.47	83.1	.91		4.71	.03				.05		

CROISIERE: RCO828
STATION : 19
POSITION :21.38 S 167.46 E

DATE: 10 5 82
HEURE: 9 48

- 19 -

AIR= 2359999 VENT= 96/ 1 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	OZ	OZ	UAO	PO4	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
8.	24.53	35.67	24.01	4.89	102.9	-.14		.04	.01				.08		
39.	24.45	35.66	24.03	4.86	102.1	-.10		.03	.01				.10		
48.	24.14	35.68	24.13	4.84	101.2	-.06		.02	.01				.14		
57.	23.99	35.69	24.19	4.91	102.3	-.11		.04	.01				.18		
65.	23.75	35.66	24.23	4.88	101.2	-.06		.03	.01				.21		
73.	22.73	35.71	24.57	4.85	98.8	.06		.05	.02				.44		
80.	21.97	35.73	24.80	4.81	96.6	.17		.44	.13				.55		
60.	21.17	35.77	25.05	4.56	90.2	.50		1.68	.15				.35		
102.	20.41	35.78	25.27	4.43	86.4	.70		3.84	.06				.24		
116.	20.11	35.73	25.31												
150.	18.82	35.73	25.64	4.35	82.2	.94		4.10	.63				.07		
200.	17.87	35.67	25.83	4.45	82.5	.94		4.87	.03				.04		

CROISIERE: RCO828
STATION : 20
POSITION :21.38 S 167.48 E

DATE: 10 5 82
HEURE: 10 33

AIR= 2359999 VENT= 96/ 1 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	OZ	OZ	UAO	PO4	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.88	35.65	23.89					.11	.02				.09		
41.	24.47	35.66	24.02					.08	.01				.23		
49.	24.42	35.66	24.04					.06	.02				.21		
57.	23.84	35.68	24.22					.11	.02				.37		
64.	23.00	35.71	24.49					.24	.04				.66		
72.	22.37	35.75	24.70					.61	.09				.69		
80.	22.07	35.74	24.78					.67	.12				.60		
88.	21.63	35.76	24.92					1.16	.17				.47		
95.	20.92	35.78	25.13					2.23	.11				.32		
111.	20.06	35.77	25.35					3.25	.05				.11		
150.	18.99	35.74	25.61					4.00	.04				.06		
200.	18.07	35.70	25.81					4.60	.02				.06		

CROISIERE: RCO828
STATION : 21
POSITION :21.38 S 167.49 E

DATE: 10 5 82
HEURE: 11 6

AIR= 2409999 VENT= 96/ 1 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	OZ	OZ	UAO	PO4	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.01	35.65	23.85	4.84	102.8	-.13		.05	.02				.15		
40.	24.27	35.66	24.08	4.87	102.0	-.10		.15	.03				.39		
48.	24.13	35.67	24.13	4.89	102.2	-.10		.05	.02				.43		
56.	23.79	35.68	24.24	4.84	100.5	-.02		.09	.02				.46		
64.	23.06	35.72	24.48	4.81	98.6	.07		.26	.04				.64		
71.	22.97	35.73	24.51	4.77	97.6	.12		.80	.09				.64		
79.	22.54	35.71	24.62	4.61	93.5	.32		1.27	.14				.54		
87.	21.90	35.74	24.63	4.50	90.2	.47		1.58	.15				.43		
95.	21.50	35.72	24.92	4.51	89.7	.52		2.24	.12				.33		
102.	20.40	35.75	25.24	4.02	76.3	1.11		2.89	.08				.25		
150.	19.26	35.73	25.53	4.39	83.7	.86		3.95	.64				.05		
199.	17.77	35.65	25.84	4.45	82.3	.95		5.18	.04				.03		

CROISIERE: KCO828
STATION : 22
POSITION :21.37 S 167.53 E

DATE: 10 5 82
HEURE: 12 40

- 20 -

AIR= 2409999 VENT=44/44 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	2PHA	NH4
0.	24.64	35.67	23.98	4.85	102.3	-.11		0.80	.01				.19		
30.	24.35	35.66	24.06	4.90	102.8	-.13		0.00	0.00				.19		
37.	24.31	35.67	24.88	4.87	102.1	-.10		.02	.01				.24		
45.	24.15	35.67	24.12	4.88	102.0	-.10							.29		
53.	23.94	35.68	24.19	4.86	101.2	-.06		0.00	0.00				.26		
61.	23.45	35.64	24.31	4.89	100.9	-.04		.02	.01				.45		
68.	21.98	35.75	24.81												
76.	21.19	35.76	25.04	4.98	98.5	.07		.50	.12				.48		
84.	20.77	35.80	25.18												
92.	20.49	35.78	25.24	4.57	89.2	.55		1.71	.12				.32		
100.	20.26	35.79	25.31	4.57	88.8	.57		1.68	.11				.29		
120.	19.59	35.77	25.47	4.50	86.3	.71		3.30	.05				.08		

CROISIERE: KCO828
STATION : 23
POSITION :21.38 S 167.52 E

DATE: 10 5 82
HEURE: 13 25

AIR= 2409999 VENT=44/44 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	2PHA	NH4
0.	24.66	35.67	23.97	5.05	106.6	-.31		.06	0.00				.15		
31.	24.23	35.66	24.09	5.02	105.1	-.24		.05	.01				.15		
51.	23.78	35.69	24.27	4.97	103.0	-.15		.10	.61				.15		
59.	23.07	35.71	24.47	4.94	101.2	-.06		.11	.02				.15		
66.	22.65	35.76	24.63	4.91	99.9	.01		.21	.03				.69		
74.	22.00	35.78	24.83	4.68	98.1	.10		.48	.11				.69		
82.	21.89	35.79	25.09	4.76	94.0	.30		1.01	.15				.52		
90.	20.75	35.81	25.20	4.69	92.0	.41		1.29	.16				.45		
101.	20.12	35.78	25.34	4.58	88.8	.58		2.33	.10				.32		
131.	19.03	35.74	25.60	4.17	77.1	1.10		3.54	.05				.24		
150.	18.50	35.72	25.72	4.48	84.1	.84		4.18	.05				.15		
200.	17.74	35.67	25.87	4.50	83.2	.91		4.77	.04				.15		

CROISIERE: KCO828
STATION : 24
POSITION :21.39 S 167.51 E

DATE: 10 5 82
HEURE: 14 12

AIR= 2389999 VENT=176/4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	2PHA	NH4
0.	24.57	35.67	24.00	5.00	105.3	-.25		.03	.01				.09		
26.	24.24	35.65	24.08	4.94	103.4	-.16		.05	.01				.06		
47.	23.50	35.73	24.36	4.99	103.1	-.15		.06	.01				.18		
55.	23.17	35.75	24.47	5.02	103.1	-.15		.11	.02				.42		
64.	22.58	35.74	24.63	4.98	101.1	-.06		.13	.03				.65		
72.	21.51	35.77	24.96	4.80	95.6	.22		.66	.10				.62		
80.	20.85	35.79	25.15	4.74	93.2	.35		1.38	.14				.44		
88.	20.47	35.81	25.27	4.76	92.9	.36		1.72	.12				.39		
95.	20.28	35.81	25.32	4.62	89.9	.52		1.94	.16				.39		
111.	19.73	35.80	25.46	4.57	87.9	.63		2.55	.05				.17		
150.	18.62	35.73	25.69	4.49	84.5	.82		4.09	.03				.08		
200.	17.95	35.69	25.83	4.62	85.0	.76		4.55	.04				.05		

CROISIERE: RC0826
STATION : 25
POSITION :21.44 S 167.49 E

DATE: 10 5 82
HEURE: 14 51

- 21 -

AIR= 2389999 VENT=176/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	ChLA	2PHA	NH4
0.	24.74	35.67	23.95	4.88	103.1	-.15		.20	.01				.08		
30.	23.59	35.66	24.16	4.99	104.0	-.19		.11	.01				.13		
44.	23.34	35.72	24.40	4.96	102.2	-.10		.36	.05				.64		
51.	22.98	35.73	24.51	4.90	100.3	-.01		.33	.03				.61		
59.	22.37	35.74	24.69	4.97	100.5	-.03		.16	.02				.54		
67.	21.41	35.78	24.99	4.84	96.2	.19		.03	.08				.63		
75.	21.07	35.82	25.12	4.75	93.8	.31		1.11	.11				.52		
82.	21.05	35.82	25.12	4.75	93.8	.32		1.43	.12				.42		
95.	20.56	35.78	25.22	4.69	91.7	.42		1.65	.13				.36		
111.	19.91	35.80	25.41	4.31	83.2	.87		2.35	.06				.24		
150.	18.88	35.76	25.65	4.53	95.7	.75		3.38	.05				.12		
200.	18.05	35.70	25.81	4.49	93.6	-.68		4.53	.02				.04		

CROISIERE: RC0826
STATION : 26
POSITION :21.42 S 167.45 E

DATE: 10 5 82
HEURE: 16 10

AIR= 2369999 VENT=150/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	ChLA	2PHA	NH4
0.	24.57	35.61	23.95	4.87	102.6	-.12		.11	.01				.13		
27.	24.15	35.60	24.07	4.89	102.2	-.10		.05	.01				.13		
35.	23.75	35.67	24.24	4.87	101.0	-.05		.07	.01				.52		
43.	23.63	35.76	24.30	4.97	102.9	-.14		.23	.01				.21		
54.	23.40	35.75	24.41	4.99	102.9	-.14		.07	.01				.21		
64.	23.09	35.74	24.49	4.83	99.0	.05		.41	.08				.66		
72.	22.36	35.74	24.55	4.75	101.1	-.05		.34	.06				.77		
79.	22.26	35.71	24.70	4.87	92.3	.08		.90	.10				.64		
97.	21.49	35.78	24.77	4.75	94.5	.27		1.16	.16				.52		
116.	20.67	35.80	25.21	4.69	91.9	.41		2.13	.11				.34		
150.	19.76	35.78	25.44	4.60	88.6	.59		2.97	.05				.17		
200.	18.57	35.74	25.71	4.97	93.5	.35			.02				.17		

CROISIERE: RC0826
STATION : 27
POSITION :21.46 S 167.43 E

DATE: 10 5 82
HEURE: 17 44

AIR= 2369999 VENT=130/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	ChLA	2PHA	NH4
0.	24.58	35.66	23.99	4.97	104.7	-.22		.04	.01				.08		
25.	24.18	35.59	24.05	4.94	103.3	-.16		.04	.01				.06		
38.	23.89	35.68	24.21	4.95	103.0	-.14		.04	.01				.11		
47.	23.65	35.74	24.32	4.98	103.2	-.15		.06	.01				.11		
57.	23.20	35.70	24.43	4.88	100.2	-.01		.12	.03				.36		
64.	22.78	35.73	24.57	4.78	97.4	.13		.46	.10				.72		
72.	22.01	35.76	24.81	4.74	95.3	.24		.92	.09				.62		
80.	21.59	35.79	24.95	4.73	94.3	.29		1.11	.14				.50		
95.	21.05	35.79	25.10	4.62	91.2	.45		1.47	.19				.33		
119.	19.93	35.77	25.39	4.36	84.2	.82			.10				.38		
150.	19.31	35.77	25.55	4.46	85.1	.78		3.21	.04				.05		
200.	18.59	35.73	25.70	4.51	84.9	.81		3.92	.03				.05		

CROISIÈRE: RCD828

STATION : 28

POSITION : 21.50 S 167.39 E

DATE: 10 5 82

HEURE: 21 57

- 22 -

AIR= 2289999

VENT=130/ 3 FOND= 9999 NP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	2PHA	NH4
0.	24.49	35.65	24.01	5.05	106.2	-.30			.08	.01				.04		
36.	24.27	35.62	24.05	5.03	105.3	-.26			.10	.01				.09		
45.	23.91	35.66	24.19	4.94	102.8	-.13			.06	.01				.11		
53.	23.41	35.72	24.38	5.00	103.1	-.15			.26	.03				.94		
62.	22.92	35.72	24.52	4.88	99.7	.01			.69	.13				.96		
70.	21.88	35.77	24.65	4.69	94.0	.30			.68	.13				.78		
78.	21.60	35.79	24.95	4.81	95.9	.20			1.39	.17				.65		
87.	21.27	35.80	25.05	4.69	93.0	.36			1.68	.14				.60		
95.	20.94	35.86	25.14	4.69	92.4	.39			1.94	.12				.49		
111.	20.10	35.78	25.35	4.54	88.0	.62			2.79	.05				.29		
150.	19.20	35.76	25.57	4.67	82.9	.58			3.52	.03				.13		
200.	18.33	35.73	25.77	4.71	68.2	.63										

CROISIÈRE: RCD828

STATION : 29

POSITION : 21.59 S 168.00 E

DATE: 11 5 82

HEURE: 6 10

AIR= 2269999

VENT=130/ 4 FOND= 9999 NP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	2PHA	NH4
0.	24.05	35.65	24.14	5.06	105.6	-.27			.04	0.00				.07		
35.	23.68	35.68	24.21	4.93	102.5	-.12			.02	0.00				.10		
43.	23.68	35.72	24.30	4.96	102.8	-.14			0.00	0.00				.13		
52.	23.56	35.73	24.34	5.05	104.4	-.22			.01	0.00				.20		
61.	23.14	35.74	24.47	4.95	101.6	-.08			.24	.02				.50		
68.	22.70	35.77	24.62	4.93	100.4	-.02			.40	.03				.58		
77.	22.53	35.77	24.67	4.98	101.1	-.05			1.33	.07				.55		
86.	22.09	35.77	24.80	4.97	100.0	-.00			1.19	.07				.55		
95.	21.77	35.76	24.88	4.78	95.6	.22			1.31	.08				.45		
111.	21.30	35.80	25.04	4.65	92.2	.39			1.98	.09				.45		
150.	19.95	35.77	25.38	4.45	86.0	.73			3.56	.03				.07		
200.	18.23	35.72	25.78	4.57	65.4	.78			4.31	.03				.67		

CROISIÈRE: RCD828

STATION : 30

POSITION : 21.54 S 168.00 E

DATE: 11 5 82

HEURE: 7 10

AIR= 2329999

VENT=130/ 4 FOND= 9999 NP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	2PHA	NH4
0.	23.95	35.65	24.17	4.94	102.9	-.14			.07	.01				.12		
29.	23.79	35.68	24.24	4.95	102.6	-.13			.03	.01				.18		
39.	23.48	35.71	24.35	4.95	102.2	-.11			.08	.02				.19		
46.	23.41	35.72	24.38	4.96	102.3	-.11			.13	.02				.19		
56.	23.26	35.73	24.43	5.00	102.8	-.14			.06	.01				.46		
64.	22.90	35.75	24.55	5.06	103.4	-.17			.35	.03				.51		
72.	22.56	35.75	24.65	4.76	95.4	.23			.06	.07				.67		
80.	22.01	35.76	24.81	4.51	90.6	.47			1.72	.08				.67		
87.	21.84	35.77	24.87	4.56	91.3	.43			1.81	.07				.62		
111.	20.70	35.78	25.19	4.09	80.2	1.01			3.02	.04				.37		
150.	19.66	35.79	25.47	4.70	76.3	.50								.23		
200.	18.27	35.71	25.77	4.58	65.6	.77			4.34	.03				.11		

CROISIERE: RCO828
STATION : 31
POSITION :21.49 S 168.00 E

DATE: 11 5 82
HEURE: 8 9

- 23 -

AIR= 2369999 VENT=136/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.44	35.65	24.02	4.91	103.2	-15		.07	0.00				.08		
32.	24.17	35.64	24.09	4.99	104.3	-21		.06	.01				.15		
43.	23.92	35.67	24.19	4.94	102.8	-14		.07	.01				.15		
53.	23.49	35.73	24.36	5.14	106.2	-30		.07	.01				.23		
61.	23.08	35.74	24.49	4.72	96.8	.16		.74	.07				.69		
68.	22.53	35.73	24.64	4.58	92.9	.35		1.55	.10				.77		
76.	21.79	35.77	24.88	4.52	96.5	.48		1.69	.13				.62		
84.	21.35	35.78	25.01	5.00	99.2	.04							.46		
93.	20.92	35.83	25.17	4.97	97.9	.11							.46		
118.	20.53	35.80	25.25	4.92	96.1	.20							.40		
149.	19.66	35.79	25.47	4.67	89.7	.53							.15		
200.	18.10	35.73	25.62	4.97	92.6	.40							.15		

CROISIERE: RCO828
STATION : 32
POSITION :21.45 S 168.00 E

DATE: 11 5 82
HEURE: 9 25

AIR= 2389999 VENT=136/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.41	35.63	24.02	4.92	103.3	-16		.06	0.00				.10		
26.	24.35	35.65	24.05	4.93	103.4	-16		.07	.01				.10		
35.	23.71	35.69	24.27	5.07	105.1	-25		.05	.01				.10		
46.	23.32	35.74	24.42	5.09	104.8	-23		.05	.01				.10		
55.	22.82	35.77	24.59	5.09	103.9	-19		.06	.01				.12		
63.	22.20	35.78	24.77	5.09	102.7	-13		.07	.01				.27		
73.	21.54	35.82	24.99	5.09	101.4	-07		.07	.01				.34		
84.	20.76	35.82	25.20	4.91	96.4	.18		.69	.06				.46		
95.	20.17	35.79	25.34	4.74	92.0	.41		1.93	.07				.36		
111.	19.89	35.80	25.42	4.32	83.4	.86		2.56	.05				.36		
150.	18.92	35.79	25.66	4.53	85.8	.75		3.47	.03				.10		
200.	18.42	35.74	25.75	4.67	87.6	.66		3.42	.05				.09		

CROISIERE: RCO828
STATION : 33
POSITION :21.43 S 168.00 E

DATE: 11 5 82
HEURE: 10 20

AIR= 2379999 VENT=136/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.45	35.62	24.00	5.89	123.8	-1.13		.07	.02				.14		
22.	24.22	35.60	24.05	5.98	125.1	-1.20		.05	0.00				.14		
37.	23.80	35.69	24.24	5.09	105.7	-28		.04	0.00				.15		
48.	23.62	35.72	24.32	5.05	104.6	-22		.04	.01				.18		
55.	23.60	35.71	24.32	5.03	104.1	-20		.05	.01				.18		
62.	23.28	35.73	24.45	5.07	104.2	-20		.06	.01				.22		
71.	22.41	35.74	24.68	5.10	103.2	-16		.46	.04				.60		
79.	21.03	35.80	25.11	5.12	101.0	-05		.68	.06				.49		
90.	20.33	35.79	25.29	4.76	91.5	.44		1.68	.08				.43		
114.	19.44	35.77	25.51	4.53	86.7	.70		3.03	.04				.25		
150.	18.66	35.75	25.70	4.63	87.2	.68		3.29	.04				.17		
200.	17.79	35.70	25.88	4.80	88.9	.60		3.89	.03				.08		

CROISIERE: RCO82B
STATION : 34
POSITION :21.41 S 168.00 E

DATE: 11 5 82
HEURE: 11 13

- 24 -

AIR= 2369999 VENT=130/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	O2	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.61	35.66	23.98	4.98	105.0	-.24		.16	0.06				.06		
26.	24.48	35.65	24.01	4.82	101.4	-.06		.05	.01				.68		
35.	24.30	35.64	24.06	4.95	103.7	-.10		.05	.01				.08		
46.	23.65	35.70	24.29	5.05	101.6	-.32		.04	.01				.14		
55.	23.57	35.71	24.33	5.08	105.1	-.25		.07	.01				.14		
63.	23.26	35.68	24.39	5.04	103.6	-.18		0.00	.01				.14		
73.	22.54	35.74	24.65	5.05	102.5	-.12		.05	.01				.24		
84.	20.68	35.76	25.18	4.80	94.1	.30		1.38	.07				.36		
95.	20.14	35.75	25.31	4.62	89.6	.54		1.97	.07				.36		
111.	19.51	35.76	25.49	4.23	81.0	.99		2.91	.04				.12		
150.	18.42	35.70	25.72	4.18	78.4	1.15		3.56	.63				.09		
200.	17.61	35.64	25.68	4.65	65.8	.77		4.18	.03				.06		

CROISIERE: RCO82B
STATION : 35
POSITION :21.40 S 168.00 E

DATE: 11 5 82
HEURE: 11 57

AIR= 2359999 VENT=136/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	O2	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.34	35.65	24.05	4.94	103.6	-.17		.12	0.06				.08		
27.	24.12	35.65	24.12	4.96	103.6	-.17		.04	.01				.11		
39.	23.84	35.65	24.20	4.97	103.3	-.16		.04	0.06				.11		
50.	23.53	35.67	24.31	5.01	103.5	-.17		.13	.01				.24		
58.	23.36	35.72	24.39	4.97	102.4	-.12		.10	.01				.26		
67.	22.69	35.68	24.50	5.07	103.5	-.17		.12	.02				.32		
75.	21.94	35.69	24.78	4.95	99.3	.03		.35	.03				.36		
83.	20.47	35.77	25.24	4.85	94.7	.27		1.54	.07				.34		
91.	20.29	35.74	25.27	4.70	91.4	.44		1.79	.07				.34		
111.	19.60	35.76	25.46	4.59	88.1	.62		2.72	.05				.17		
150.	18.59	35.71	25.69	4.54	85.4	.70		3.52	.63				.06		
200.	17.78	35.63	25.63	4.50	83.3	.90		4.52	.04				.05		

CROISIERE: RCO82B
STATION : 36
POSITION :22.10 S 168.00 E

DATE: 11 5 82
HEURE: 13 13

AIR= 2339999 VENT=136/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	O2	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.59	35.63	23.96	4.96	104.5	-.21		.06	0.06				.07		
23.	24.33	35.61	24.02	4.97	104.2	-.20		.06	0.00				.08		
33.	23.54	35.72	24.34	4.98	103.0	-.14		.26	.01				.21		
48.	23.51	35.74	24.37	4.82	99.6	.02		.10	.01				.21		
58.	22.81	35.75	24.58	4.86	99.1	.04		.04	0.06				.21		
67.	22.76	35.77	24.61	4.81	98.0	.10		.02	.01				.21		
77.	22.55	35.76	24.66	4.72	95.8	.21		.32	.62				.41		
87.	22.24	35.74	24.73	4.66	94.0	.30		.64	.04				.41		
96.	21.11	35.72	25.63	4.21	83.2	.85		1.86	.07				.27		
166.	20.31	35.73	25.29	4.44	66.4	.70		1.89	.07				.30		
150.	19.56	35.76	25.49	4.48	65.8	.74		2.89	.63				.12		
200.	17.71	35.61	25.83	4.55	34.1	.86		4.83	.62				.09		

CROISIERE: RC082B

STATION : 37

POSITION :21.38 S 168.09 E

DATE: 11 5 82

HEURE: 14 0

- 25 -

AIR= 2339999

VENT=130/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	Ni14
0.	24.65	35.60	23.92	4.96	103.3	-.16		.16	0.00				.07		
33.	24.43	35.61	23.99	4.88	102.5	-.12		.17	.01				.09		
43.	24.04	35.63	24.13	5.01	104.5	-.22		.12	.01				.09		
51.	23.72	35.67	24.25	5.02	104.1	-.20		.08	.01				.09		
59.	23.45	35.69	24.35	5.05	104.2	-.20		.23	.02				.09		
66.	22.91	35.71	24.52	4.94	100.9	-.05		.48	.03				.32		
76.	21.83	35.76	24.86	4.97	99.5	.02		.54	.03				.35		
86.	21.40	35.77	24.99	5.07	100.7	-.04		.70	.04				.35		
95.	21.08	35.78	25.08	4.83	95.4	.23		1.04	.05				.35		
119.	20.49	35.75	25.22	4.50	89.4	.54		2.56	.05				.20		
148.	19.02	35.73	25.59	4.53	85.9	.74		3.36	.03				.09		
200.	17.97	35.67	25.81	4.62	85.3	.76		4.27	.03				.08		

CROISIERE: RC082B

STATION : 38

POSITION :21.39 S 168.10 E

DATE: 11 5 82

HEURE: 14 59

AIR= 2349999

VENT=130/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	Ni14
0.	24.07	35.51	23.79	4.88	103.3	-.15		.07	0.00				.06		
26.	24.33	35.61	24.02	4.93	103.4	-.16		.07	0.00				.10		
38.	23.72	35.68	24.26	4.98	103.3	-.16		.13	0.00				.11		
48.	23.59	35.71	24.32	5.03	104.1	-.20		.03	0.00				.11		
63.	23.44	35.73	24.38	4.99	103.0	-.14		.04	0.00				.14		
75.	23.42	35.73	24.38	5.11	105.4	-.26		.03	0.00				.18		
83.	23.28	35.71	24.41	5.04	103.7	-.18		.03	0.00				.20		
92.	22.04	35.76	24.80	5.06	101.7	-.09		.03	0.00				.20		
101.	21.19	35.76	25.04	4.65	92.0	.40		.08	.01				.38		
111.	19.84	35.75	25.39	4.62	89.1	.57		1.90	.12				.37		
150.	18.94	35.74	25.62	4.54	86.0	.74		3.45	.02				.11		
200.	17.84	35.66	25.83	4.68	86.7	.72		3.84	.01				.04		

CROISIERE: RC082B

STATION : 39

POSITION :21.41 S 168.12 E

DATE: 11 5 82

HEURE: 15 45

AIR= 2359999

VENT=130/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	Ni14
0.	24.07	35.50	23.78	5.01	106.0	-.28		0.00	0.00				.17		
17.	24.70	35.53	23.85	4.93	104.0	-.19		.07	0.00				.19		
25.	23.86	35.66	24.20	5.05	105.0	-.24		.04	0.00				.22		
33.	23.67	35.69	24.28	5.04	104.4	-.21		.06	0.00				.24		
64.	22.07	35.71	24.53	4.97	101.5	-.07		.15	.01				.53		
76.	22.15	35.74	24.76	4.85	97.7	.11		.95	.07				.65		
84.	21.76	35.74	24.87	4.85	97.6	.15		1.07	.10				.54		
92.	21.21	35.77	25.04	5.18	102.5	-.13		.24	.03				.39		
107.	20.69	35.78	25.19	5.18	101.5	-.08		.30	.06				.32		
119.	20.00	35.79	25.38	4.98	96.3	.19		.96	.17				.23		
150.	18.79	35.73	25.65	4.50	86.7	.76		3.50	.02				.04		
200.	17.78	35.65	25.84	4.70	87.0	.70		4.01	.01				.04		

CROISIERE: RCO828
STATION : 41
POSITION :21.44 S 168.15 E

DATE: 11 5 82
HEURE: 16 34

- 26 -

AIR= 2359999 VENT=136/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	Ch1A	2PHA	NH4
0.	24.65	35.52	23.30	4.93	104.3	-.20		.07	0.00				.08		
15.	24.35	35.58	24.00	4.99	104.6	-.22		.02	0.00				.08		
20.	23.73	35.68	24.26	4.97	103.1	-.15		.04	0.00				.12		
44.	23.08	35.73	24.48	4.91	106.6	-.03		.00	0.00				.34		
54.	22.31	35.73	24.70	4.90	99.0	.05		.50	.08				.61		
63.	21.70	35.74	24.88	4.69	93.7	.32		1.25	.07				.49		
69.	21.41	35.76	24.98	4.54	90.2	.49		2.01	.08				.46		
79.	20.65	35.77	25.14	4.46	87.7	.63		2.50	.07				.43		
80.	20.77	35.78	25.17	4.14	81.3	.95		2.80	.05				.34		
99.	20.38	35.79	25.28	4.67	91.0	.46			.13				.30		
153.	18.53	35.71	25.70	4.55	65.5	.77		3.52	.02				.06		
200.	18.32	35.70	25.75	4.50	84.2	.84		3.92	.02				.02		

CROISIERE: RCO828
STATION : 41
POSITION :21.48 S 168.18 E

DATE: 11 5 82
HEURE: 17 47

AIR= 2279999 VENT=145/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	Ch1A	2PHA	NH4
0.	24.50	35.61	23.97	4.87	102.4	-.12		.06	0.00				.11		
20.	24.40	35.60	23.77	5.04	105.9	-.20		.04	0.00				.11		
29.	24.02	35.63	24.13	5.03	104.9	-.23		.18	0.00				.11		
38.	23.67	35.71	24.30	5.15	106.7	-.32		.07	0.00				.11		
50.	23.46	35.74	24.38	5.06	104.5	-.22		.07	0.00				.11		
61.	23.32	35.75	24.43	5.02	103.4	-.16		.06	0.00				.20		
71.	22.98	35.74	24.52	5.11	104.6	-.22		.03	.01				.39		
80.	22.15	35.70	24.73	5.15	103.7	-.19		.12	.02				.57		
91.	21.27	35.76	25.02	5.16	101.1	-.05		.20	.04				.43		
114.	20.35	35.77	25.27	4.66	90.7	.48		2.34	.03				.21		
150.	19.50	35.79	25.51	4.74	96.8	.48		2.13	.04				.11		
200.	18.24	35.68	25.75	4.57	55.4	.70		4.07	.02				.02		

CROISIERE: RCO828
STATION : 42
POSITION :21.51 S 168.22 E

DATE: 11 5 82
HEURE: 18 53

AIR= 2289999 VENT=145/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	Ch1A	2PHA	NH4
0.	24.47	35.59	23.97	5.00	105.1	-.24		.05	0.00				.09		
19.	24.38	35.60	24.00	4.55	103.9	-.18		.07	0.00				.09		
30.	24.24	35.63	24.07	5.06	105.9	-.20		.04	0.00				.09		
43.	23.65	35.70	24.29	5.02	104.0	-.19		.05	0.00				.09		
52.	23.53	35.73	24.35	5.15	106.5	-.31		.07	0.00				.09		
62.	23.35	35.75	24.42	5.02	103.4	-.17		.06	0.00				.15		
70.	22.79	35.71	24.55	4.96	101.1	-.05		.08	.01				.49		
86.	22.12	35.77	24.79	5.00	100.7	-.03		.06	.01				.50		
90.	21.66	35.74	24.89	4.77	95.2	.24		.59	.03				.40		
103.	20.93	35.75	25.10	4.73	93.1	.35		1.17	.21				.13		
150.	19.36	35.75	25.52	4.71	90.0	.53		2.72	.03				.09		
200.	17.59	35.65	25.81	4.58	65.0	.81		4.38	.02				.09		

CROISIERE: RC082B
STATION : 43
POSITION :21.54 S 168.26 E

DATE: 11 5 82
HEURE: 20 15

- 27 -

AIR= 2289999 VENT=145/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.45	35.54	23.94	4.93	163.5	-1.17		.02	0.66						
106.	20.89	35.77	25.13	4.62	90.9	.46		1.99	.05						
222.	17.93	35.66	25.81	4.67	86.7	.72		4.21	.61						
339.	14.97	35.35	26.27	4.62	80.7	1.11		6.61	.01						
417.	11.75	35.11	26.66	4.61	75.1	1.53		11.53	0.66						
494.	10.71	34.87	26.75	4.54	72.3	4.74		13.36	.01						
572.	9.22	34.72	26.88	4.90	75.4	1.59		16.03	.01						
650.	7.47	34.56	27.03	4.98	73.7	1.78		19.07	.01						
728.	6.42	34.49	27.12	5.06	73.1	1.86		21.61	.01						
805.	5.90	34.47	27.17	4.61	65.8	2.40		22.18	.01						
883.	5.24	34.46	27.24	4.52	63.5	2.60		24.22	.01						
1000.	4.38	34.50	27.37	4.18	57.6	3.08		26.11	.02						

CROISIERE: RC082B
STATION : 44
POSITION :21.23 S 168.01 E

DATE: 12 5 82
HEURE: 6 46

AIR= 2099999 VENT=186/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.48	35.62	23.99					.02	.02					.08	
27.	24.41	35.61	24.00					.01	.02					.08	
37.	24.06	35.63	24.12					.04	.02					.15	
45.	23.43	35.66	24.33					.04	.03					.24	
53.	22.76	35.70	24.55					.22	.03					.32	
61.	21.69	35.75	24.34					.69	.10					.43	
69.	21.31	35.75	25.00					.68	.07					.35	
77.	20.79	35.77	25.16											.25	
88.	20.07	35.76	25.34					3.04	.05					.16	
103.	19.45	35.74	25.49					2.79	.63					.12	
154.	18.58	35.71	25.69					2.26	.03					.08	
200.	17.71	35.66	25.87					3.88	.02					.08	

CROISIERE: RC082B
STATION : 45
POSITION :21.24 S 168.01 E

DATE: 12 5 82
HEURE: 7 46

AIR= 2229999 VENT=180/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	NO3	NO2	NP	II0	CHLA	C14	PP	CP	LUH	FLUD
0.	24.46	35.63	24.00	4.90	103.0	-1.14				1.000		1.82			1443.	
30.	24.47	35.63	24.00	4.91	163.2	-1.15	.08	.01		.100	.12	4.48				2.86
37.	24.22	35.64	24.08	4.96	103.8	-1.18	.09	.02		.066	.14	5.89				3.13
45.	23.58	35.69	24.31	4.94	102.2	-1.11	.48	.02		.065	.22	5.98				3.68
53.	23.15	35.69	24.43	4.84	99.3	.03	.29	.06		.044	.35	4.52				3.16
60.	22.06	35.72	24.77	4.77	95.9	.20	.78	.09		.031	.59	4.52				2.60
68.	21.42	35.76	24.98	4.67	96.8	.16	1.42	.10		.021	.59	2.45				2.43
76.	20.94	35.76	25.11	4.54	89.4	.54	2.68	.09		.015	.42	.91				1.52
84.	20.56	35.76	25.21	4.51	88.2	.61	2.81	.07		.010	.35	.29				2.00
92.	20.08	35.76	25.34	4.40	85.2	.76	2.97	.05		.005	.22	.29				2.23
100.	19.84	35.76	25.40	4.45	85.8	.74	3.07	.05		.004	.22	.17				1.77
116.	19.42	35.73	25.49	4.45	85.1	.78	3.21	.05			.15	.04				2.11

DATE: 12 5 82
HEURE: 10 16

- 28 -

PR	TEMP	SAL	SIC1	O2	OZ	UAG	NO3	NO2	NP	I10	CHLA	C14	PP	CP	LUM	FLUO
37.	24.48	35.65	24.01				.04	.01	.48				.52	4.36		
53.	24.29	35.66	24.07				.05	.01	.54				.34	4.74		
68.	23.38	35.72	24.39				.04	.01	.01				.33	7.60		
84.	21.95	35.75	24.02				.95	.10	.62				.33	0.14		
100.	20.02	35.78	25.15				1.92	.10	.77				.52	7.26		
116.	19.91	35.76	25.38				3.35	.04	.80				.08	7.55		

DATE: 12 5 82
HEURE: 12 20

PR	TEMP	SAL	SIGT	O2	OZ	U40	NB3	NB2	NP	110	CHLA	C14	PP	CP	LUH	FLUO
37.	24.46	35.65	24.02				.05	.02			.05					
53.	24.23	35.66	24.09				.12	.02			.26					
68.	23.84	35.65	24.26				.10	.01			.39					
84.	22.45	35.71	24.65				.66	.06			.65					
100.	20.76	35.78	25.17				2.05	.10			.29					
116.	20.01	35.78	25.37				3.26	.07			.08					

DATE: 12 5 82
HEURE: 17 35

[illegible]

DATE: 12 5 82
HEURE: 18 14

- 29 -

AIR= 2289999 VENT=180/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	N03	N02	NP	110	CHLA	C14	PP	CP	LUK	FLUD
2.	24.52	35.65	24.00	4.92	103.5	-17	.07	.01			.08					
34.	24.35	35.64	24.04	4.90	102.8	-13	.05	.01			.27					
43.	23.50	35.69	24.33	4.90	101.2	-06	.29	.03			.55					
50.	22.92	35.72	24.52	4.85	99.1	.04	.47	.06			.63					
59.	22.19	35.71	24.72	4.85	97.8	.11	.58	.06			.46					
67.	21.59	35.77	24.94	4.76	94.9	.26	.91	.09			.39					
75.	20.76	35.78	25.17	4.80	94.2	.30	1.32	.10			.35					
85.	20.31	35.78	25.29	4.66	90.7	.48	2.41	.09			.21					
100.	19.71	35.74	25.42	4.56	87.7	.64	3.36	.05			.13					
118.	19.25	35.72	25.52	4.55	86.7	.70	3.64	.04			.06					
150.	18.53	35.68	25.68	4.75	89.2	.57	4.43	.03			.01					

CROISIERE: RCOE28
STATION : 50
POSITION :21.07 S 168.00 E

DATE: 13 5 82
HEURE: 6 17

AIR= 2359999 VENT=130/ 7 FOND= 9999 NP= 12

[illegible]

CROISIERE: RC082B
STATION : 51
POSITION :21.06 S 168.00 E

DATE: 13 5 82
HEURE: 6 48

AIR= 2359999 VENT=130/ 7 FOND= 9999 NP= 12

[illegible]

CROISIERE: RC082B
STATION : 52
POSITION :21.07 S 168.00 E

DATE: 13 5 82
HEURE: 7 33

- 30 -

AIR= 2349999 VENT=130/ 7 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	NO3	NO2	NP	II0	CHLA	C14	PP	CP	LUH	FLUD
0.	24.61	35.60	23.93													
30.	24.62	35.61	23.94													
40.	24.49	35.62	23.98													
50.	23.97	35.66	24.17													
60.	23.53	35.72	24.34													
70.	22.87	35.71	24.53													
80.	22.03	35.75	24.80													
90.	21.57	35.78	24.95													
110.	20.26	35.79	25.31													
120.	19.81	35.78	25.42													
150.	19.03	35.77	25.62													
200.	17.45	35.63	25.91													

CROISIERE: RC082B
STATION : 53
POSITION :21.06 S 168.00 E

DATE: 13 5 82
HEURE: 8 12

AIR= 2349999 VENT=130/ 7 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	NO3	NO2	NP	II0	CHLA	C14	PP	CP	LUH	FLUD
0.	24.61	35.63	23.96													
30.	24.61	35.63	23.96													
40.	24.60	35.63	23.96													
50.	24.21	35.62	24.07													
60.	23.75	35.71	24.27													
70.	23.40	35.72	24.38													
80.	22.39	35.73	24.68													
90.	21.80	35.80	24.90													
110.	20.12	35.80	25.36													
120.	19.14	35.79	25.61													
150.	18.97	35.77	25.63													
200.	17.70	35.67	25.88													

CROISIERE: RC082B
STATION : 54
POSITION :21.07 S 168.00 E

DATE: 13 5 82
HEURE: 9 18

AIR= 2509999 VENT=130/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	NO3	NO2	NP	II0	CHLA	C14	PP	CP	LUH	FLUD
0.	24.64	35.60	22.39				.05	0.00		1.000	.06				998.	3.80
13.	24.64	35.60	22.39				.09	0.00		.300	.06	3.57				5.20
25.	24.65	35.60	22.38				.06	0.00		.140	.06	2.16				5.20
38.	24.63	35.60	22.39				.17	.01		.075	.06	1.41				5.20
48.	24.14	35.64	22.53				.11	.01		.050	.08	1.43				3.86
55.	23.86	35.68	22.62				.18	.01		.040	.08	1.43				4.29
63.	23.42	35.70	22.75				.15	.01		.025	.12	1.25				4.80
73.	22.32	35.71	23.07				.20	.04		.015	.49	1.56				2.51
83.	21.36	35.80	23.34				.98	.13		.010	.53	1.33				2.32
94.	20.71	35.77	23.51				1.65	.15		.005	.47	.62				2.49
107.	20.23	35.80	23.64				2.55	.09		0.000	.36	.11				2.20
150.	19.02	35.78	23.95				2.90	.06		0.000	.11					2.22

CROISIERE: RCO82B
STATION : 55
POSITION :21.04 S 167.58 E

DATE: 13 5 82
HEURE: 13 23

- 31 -

AIR= 2369999 VENT=110/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	NO3	NO2	NP	IIO	CHLA	C14	PP	CP	LUM	FLUD
0.	24.62	35.61	23.94													
12.	24.62	35.62	23.94													
25.	24.61	35.63	23.96													
40.	23.95	35.67	24.18													
51.	23.60	35.72	24.32													
59.	23.32	35.72	24.41													
68.	22.44	35.75	24.68													
75.	21.83	35.77	24.87													
84.	21.54	35.79	24.96													
94.	21.07	35.76	25.07													
108.	20.34	35.81	25.31													
150.	19.29	35.79	25.57													

CROISIERE: RCO82B
STATION : 56
POSITION :21.01 S 167.56 E

DATE: 13 5 82
HEURE: 15 28

AIR= 2369999 VENT=110/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	NO3	NO2	NP	IIO	CHLA	C14	PP	CP	LUM	FLUD
13.	24.57	35.64	23.98				.08	0.00	.82		.10		.24	7.41		
55.	23.26	35.72	24.42				.06	.01	.35		.19		.24	3.43		
63.	22.18	35.71	24.73				.11	.02	.41		.34		.06	4.22		
73.	21.24	35.78	25.04				.40	.11	.49		.54		.14	4.72		
83.	20.79	35.82	25.19				.65	.19	.53		.53		.13	4.06		
107.	19.87	35.80	25.42				2.24	.06	.30		.25			2.77		

CROISIERE: RCO82B
STATION : 57
POSITION :21.07 S 168.00 E

DATE: 13 5 82
HEURE: 17 17

AIR= 2369999 VENT=120/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	NO3	NO2	NP	IIO	CHLA	C14	PP	CP	LUM	FLUD
13.	24.57	35.60	23.94				.07	.01			.07					
55.	23.46	35.71	24.36				.14	.03			.12					
63.	22.77	35.75	24.59				.08	.03			.17					
73.	21.54	35.80	24.97				.12	.06			.43					
83.	20.64	35.79	25.21				.43	.14			.52					
107.	19.84	35.79	25.42				2.56	.08			.24					

DATE: 14 5 82
HEURE: 6 17

- 32 -

AIR= 2369999 VENT=130/ 7 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	N03	N02	NP	110	CHLA	C14	PP	CP	LUX	FLUO
0.	24.77	35.61	23.89	5.63	119.0	- .90	.07	.02			.09					
24.	24.78	35.61	23.69	6.06	128.1	-1.33	.06	.01			.09					
48.	24.77	35.61	23.89	5.47	115.6	- .74	.05	.01			.15					
55.	24.04	35.61	24.11	5.53	115.3	- .73	.05	.01			.15					
63.	22.93	35.64	24.46	5.65	115.4	- .76	.09	.01			.20					
71.	21.69	35.68	24.78	6.08	121.8	-1.09	.04	.01			.21					
79.	21.05	35.77	25.08	6.07	119.8	-1.00	.27	.02			.51					
89.	20.34	35.78	25.28	5.53	107.7	- .39	.83	.13			.54					
100.	20.11	35.78	25.35	4.83	93.6	.33	2.07	.12			.41					
119.	19.93	35.78	25.39	5.27	101.8	- .09	2.70	.08			.32					
150.	18.90	35.71	25.61	5.09	96.3	.19	3.95	.05			.11					
200.	17.96	35.70	25.84	4.78	88.8	.60	3.91	.06			.09					

CROISIERE: RCO82B
STATION : 59
POSITION : 20.51 S 168.00 E

DATE: 14 5 82
HEURE: 6 55

AIR= 2369999 VENT=130/ 7 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	N03	N02	NP	I10	CHLA	C14	PF	CP	LUR	FLUO
4.	24.77	35.61	23.89				.05	.02		.600	.06	2.89			1429.	8.33
14.	24.78	35.61	23.89				.09	.03		.320	.06	4.04				7.00
22.	24.78	35.61	23.89				.05	.02		.210	.06	1.28				6.33
30.	24.79	35.61	23.89				.07	.03		.160	.06	4.69				6.67
37.	24.79	35.61	23.89				.02	.02		.125	.07	4.41				5.25
45.	24.79	35.60	23.88				.08	.04		.090	.11	2.75				5.33
53.	24.01	35.64	24.14				.05	.02		.070	.15	2.38				4.25
61.	23.00	35.65	24.45				.04	.02		.040	.19	1.90				3.70
68.	22.13	35.74	24.76				.08	.04		.030	.24	1.89				3.62
76.	21.44	35.72	24.94				.08	.07		.020	.56	2.28				3.10
84.	20.77	35.79	25.18				.63	.17		.010	.56	1.51				2.39
100.	20.12	35.77	25.33				2.35	.11		0.000	.37	.52				2.26

CROISIERE: RCO82B
STATION : 60
POSITION :20.51 S 168.00 E

DATE: 14 5 82
HEURE: 8 5

AIR= 2369999 VENT=130/ 6 FOND= 9999 NP= 12

[illegible]

CROISIERE: RCO82B
STATION : 61
POSITION :20.54 S 168.00 E

DATE: 14 5 82
HEURE: 8 49

- 33 -

AIR= 2369999 VENT=136/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	NO3	NO2	NP	II0	CHLA	C14	PP	CP	LUX	FLUO
4.	24.79	35.62	23.89				.06	.01	.31		.13		.15	3.14		
37.	24.77	35.61	23.89				.09	.01	.53		.13		.17	4.71		
61.	21.80	35.77	24.88				.11	.01	.37		.40		.18	3.46		
76.	20.78	35.78	25.17				.93	.12	.48		.68		.18	3.60		
84.	20.38	35.79	25.28				2.24	.10	.38		.43		.14	2.93		
100.	20.01	35.78	25.37				2.78	.09	.30		.31		.11	2.33		
84.	20.23	35.80	25.33													
100.	19.80	35.78	25.43													
125.	19.23	35.76	25.56													
150.	18.83	35.73	25.64													
200.	17.73	35.70	25.89													

CROISIERE: RCO82B
STATION : 62
POSITION :20.54 S 167.59 E

DATE: 14 5 82
HEURE: 9 59

AIR= 2429999 VENT=130/ 7 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	NO3	NO2	NP	II0	CHLA	C14	PP	CP	LUX	FLUO
4.	24.78	35.63	23.90													
37.	24.26	35.62	24.05													
50.	21.98	35.78	24.83													
61.	21.14	35.80	25.08													
70.	20.88	35.81	25.16													
76.	20.59	35.80	25.23													
84.	20.23	35.80	25.33													
100.	19.80	35.78	25.43													
125.	19.23	35.76	25.56													
150.	18.83	35.73	25.64													
200.	17.73	35.70	25.89													

CROISIERE: RCO82B
STATION : 63
POSITION :20.54 S 168.00 E

DATE: 14 5 82
HEURE: 10 28

AIR= 2429999 VENT=130/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	NO3	NO2	NP	II0	CHLA	C14	PP	CP	LUX	FLUO
4.	24.78	35.64	23.91				.06	.01			.09					
37.	24.51	35.62	23.98				.07	.01			.11					
61.	21.27	35.79	25.04				.05	0.00			.22					
76.	20.37	35.79	25.28				.08	.03			.67					
84.	20.07	35.80	25.37				.47	.14			.65					
100.	19.73	35.79	25.45				2.86	.06			.29					

CROISIERE: RCO82B
STATION : 64
POSITION :20.49 S 167.58 E

DATE: 14 5 82
HEURE: 13 9

- 34 -

AIR= 2439999 VENT=130/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	NO3	NO2	NP	II0	CHLA	C14	PP	CP	LUH	FLUD
0.	24.82	35.63	23.89													
10.	24.82	35.64	23.90													
20.	24.80	35.64	23.91													
30.	24.80	35.64	23.91													
40.	24.59	35.60	23.94													
50.	22.99	35.75	24.52													
60.	22.14	35.75	24.77													
70.	21.40	35.80	25.01													
80.	20.79	35.80	25.18													
90.	20.24	35.79	25.32													
100.	20.03	35.80	25.38													
125.	19.46	35.77	25.51													

CROISIERE: RCO82B
STATION : 65
POSITION :20.48 S 167.57 E

DATE: 14 5 82
HEURE: 14 11

AIR= 2439999 VENT=130/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	NO3	NO2	NP	II0	CHLA	C14	PP	CP	LUH	FLUD
0.	24.82	35.63	23.89													
10.	24.81	35.63	23.89													
20.	24.80	35.63	23.90													
30.	24.80	35.63	23.90													
40.	24.66	35.63	23.94													
50.	23.42	35.70	24.36													
60.	22.64	35.75	24.62													
70.	21.71	35.79	24.92													
80.	21.00	35.78	25.11													
90.	20.23	35.78	25.31													
100.	19.96	35.77	25.38													
125.	19.41	35.75	25.51													

CROISIERE: RCO82B
STATION : 1045
POSITION :21.24 S 168.01 E

DATE: 12 5 82
HEURE: 9 5

AIR= 2229999 VENT=180/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	NO3	NO2	NP	II0	CHLA	C14	PP	CP	LUH	FLUD
0.										1.008		1.82			1443.	
30.							.08	.01		.100	.12	4.48				2.86
37.							.09	.02	.48	.086	.14	5.88	.52	4.36		3.13
45.							.48	.02		.065	.22	5.98				3.08
53.							.29	.06	.54	.044	.35	4.52	.34	4.74		3.10
60.							.78	.09		.031	.59	4.52				2.60
68.							1.42	.10	.01	.021	.59	2.45	.33	7.60		2.43
76.							2.06	.09		.015	.42	.91				1.52
84.							2.81	.07	.62	.010	.35	.29	.33	6.14		2.00
92.							2.97	.05		.005	.22	.29				2.23
100.							3.07	.05	.77	.004	.22	.17	.22	7.26		1.77
116.							3.21	.05	.60		.15	.04				2.11

CROISIERE: RC0826
STATION : 1054
POSITION :21.07 S 168.00 E

DATE: 13 5 82
HEURE: 10 10

- 35 -

AIR= 2509999 VENT=130/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	NO3	NO2	NP	II6	CHLA	C14	PP	CP	LUH	FLUD
0.							.05	0.00		1.000	.06				998.	3.80
13.							.09	0.00	.02	.306	.06	3.57	.24	7.41		5.20
25.							.08	0.00		.140	.06	2.16				5.20
38.							.17	0.00		.075	.06	1.41				5.20
48.							.11	.01		.050	.08	1.43				3.86
55.							.18	.01	.35	.040	.08	1.43	.24	3.43		4.29
63.							.15	.01	.41	.025	.12	1.25	.06	4.22		4.80
73.							.20	.04	.49	.015	.49	1.56	.14	4.72		2.51
83.							.98	.13	.53	.010	.53	1.33	.13	4.66		2.32
94.							1.65	.15		.005	.47	.62				2.49
107.							2.55	.09	.30	0.000	.36	.11		2.77		2.20
150.							2.90	.66		0.000	.11					2.22

CROISIERE: RC0826
STATION : 1059
POSITION :20.51 S 168.00 E

DATE: 14 5 82
HEURE: 6 55

AIR= 2369999 VENT=130/ 7 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	NO3	NO2	NP	II6	CHLA	C14	PP	CP	LUH	FLUD
4.							.05	.02	.31	.600	.06	2.89	.15	3.14	1429.	8.33
14.							.09	.03		.320	.06	4.04				7.00
22.							.05	.02		.210	.06	1.28				6.33
30.							.07	.03		.160	.06	4.69				6.67
37.							.02	.02	.53	.125	.07	4.41	.17	4.71		5.25
45.							.00	.04		.090	.11	2.75				5.33
53.							.05	.02		.070	.15	2.38				4.25
61.							.04	.02	.37	.040	.19	1.90	.18	3.46		3.70
68.							.08	.04		.030	.24	1.89				3.62
76.							.08	.07	.48	.020	.56	2.28	.18	3.60		3.10
84.							.63	.17	.36	.010	.56	2.51	.14	2.93		2.39
100.							2.35	.11	.30	0.000	.37	.52	.11	2.33		2.26

PREFIL 3

(RCO 82 C)

du 7 au 19 Décembre 1982

Description de la croisière

- 68 stations sonde STD 0/200 m : 1 à 68.

- 3 stations "current-profiler" 0/600 m.

- 9 stations au point fixe.

A₃ : 47 à 68 + (1048, 1057, 1063)

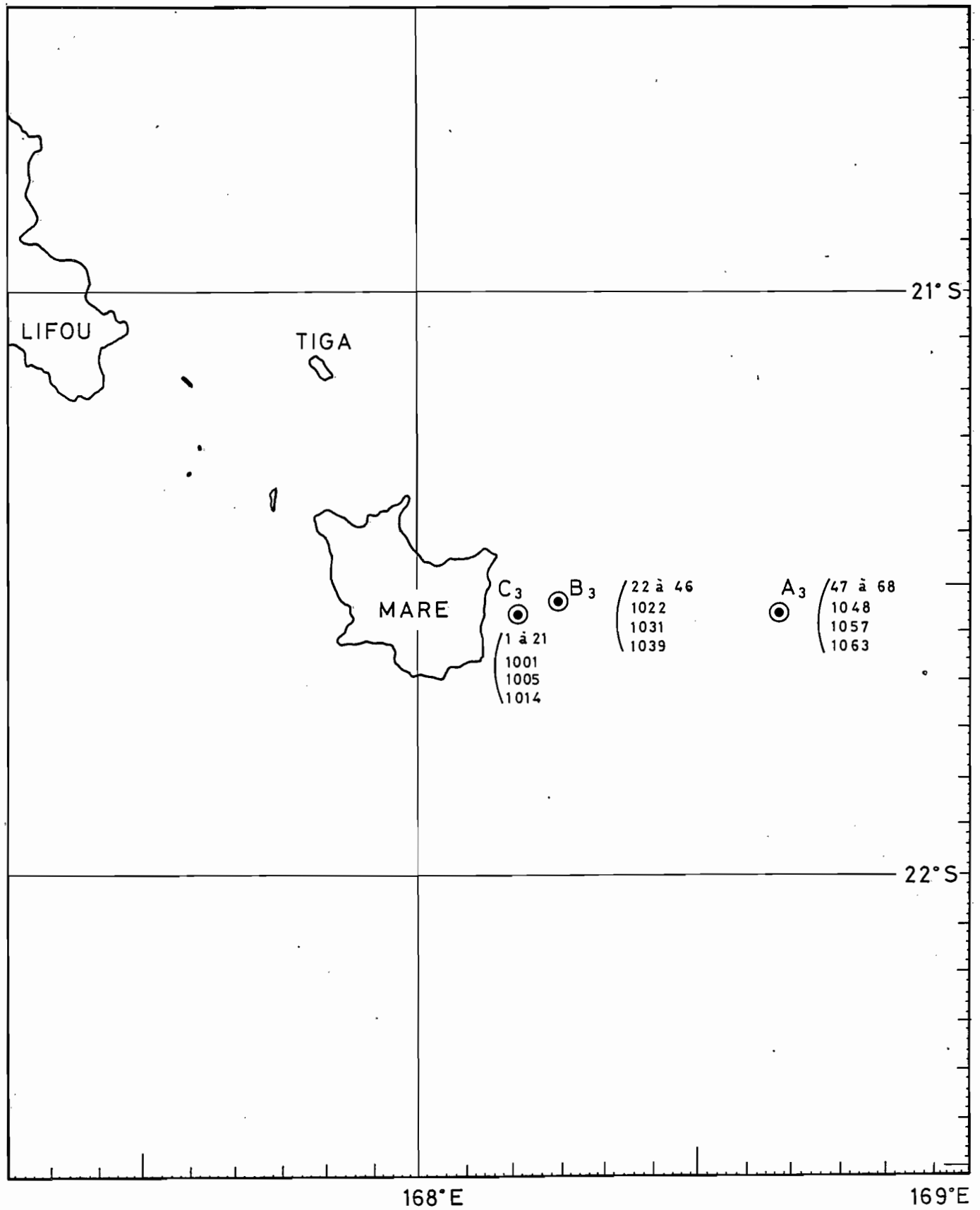
B₃ : 22 à 46 + (1022, 1031, 1039)

C₃ : 1 à 21 + (1001, 1005, 1014)

Tamissage sur 120µm. Filtration sur GF/F

CHN : sur filtre Ag 0.8µ.

PREFIL 3



CROISIERE: RC082C
STATION : 1
POSITION :21.33 S 168.38 E

DATE: 10 12 82
HEURE: 5 57

- 38 -

AIR= 2479999 VENT= 70/ 5 FOND= 9999 NP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
8.	24.64	35.12	23.56	4.88	102.6	-12	.29	.06	.03	.09				.02		0.00
15.	24.64	35.12	23.56	4.89	102.8	-13	.32	.08	.04	.12				.03		.02
30.	24.59	35.13	23.58	4.97	104.4	-21	.25	.08	.04	.12				.04		.04
40.	24.46	35.14	23.63	5.11	107.1	-34	.32	.11	.04	.15				.05		.07
50.	24.44	35.14	23.64	4.93	103.3	-16	.35	.15	.06	.21				.05		.09
60.	24.43	35.15	23.65	4.92	103.1	-15	.39	.16	.05	.21				.11		.11
70.	24.34	35.15	23.67	5.38	112.5	-60	.31	.12	.04	.16				.13		.12
80.	24.10	35.19	23.78	5.00	104.1	-20	.34	.10	.03	.13				.22		.16
100.	23.34	35.36	24.13	4.68	96.2	.19	.38	.53	.18	.71	.35	.84		.74	78.	.15
120.	22.75	35.51	24.41	4.57	93.0	.34	.40	1.45	.24	1.69				.50		.16
160.	21.58	35.67	24.86	4.85	96.6	.17	.48	1.38	.22	1.60				.13		.17
200.	20.75	35.75	25.15	4.96	97.3	.14	.39	1.38	.06	1.44				.07		.19

CROISIERE: RC082C
STATION : 3
POSITION :21.33 S 168.39 E

DATE: 10 12 82
HEURE: 20 31

AIR=999999999 VENT=***/*\$ FOND= 9999 NP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.99	35.10	23.44	4.93	104.3	-26	.23	.21	.02	.23				.06		.60
25.	24.74	35.10	23.52	4.92	103.6	-17	.25	.04	.05	.09				.07		.55
50.	24.42	35.14	23.64	4.97	104.1	-20	.26	.26	.03	.29				.09		.59
70.	24.22	35.18	23.73	4.95	103.3	-16	.22	.25	.04	.29				.15		.56
80.	24.03	35.21	23.81	5.00	104.0	-19	.23	.11	.04	.15				.25		.37
90.	23.81	35.25	23.91	4.68	101.1	-05	.25	.18	.04	.22				.43		.39
100.	23.64	35.28	23.98	4.84	100.0	.00	.30	.23	.06	.29	.53	.37		.70	41.	.58
110.	23.09	35.41	24.24	4.53	92.7	.36	.30	1.21	.21	1.42				.51		.50
120.	22.61	35.52	24.46	4.38	88.9	.55	.38	2.05	.20	2.25				.35		.65
140.	22.02	35.64	24.72	4.61	92.6	.37	.36	1.70	.15	1.85				.21		.30
160.	21.73	35.66	24.81	4.49	89.7	.52	.33	2.30	.12	2.42				.15		.25
200.	20.80	35.76	25.14	5.24	102.9	-15	.36	1.64	.05	1.69				.06		.66

CROISIERE: RC082C
STATION : 5
POSITION :21.33 S 168.39 E

DATE: 11 12 82
HEURE: 4 10

AIR= 2439999 VENT= 45/ 4 FOND= 9999 NP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.08	35.12	23.43	5.13	108.7	-41	.17	.16	.01	.17				.06		.15
24.	24.58	35.12	23.58	4.95	104.0	-19	.16	.05	.02	.07				.06		.03
50.	24.34	35.16	23.68	5.25	109.8	-47	.17	.15	.02	.17				.12		.17
65.	24.09	35.19	23.78	4.95	103.1	-15	.15	.07	.01	.08				.17		.13
75.	23.94	35.22	23.85	4.94	102.6	-12	.16	.14	.01	.15				.17		.08
87.	23.75	35.26	23.93	4.86	100.6	-03	.17	.07	0.00	.07				.48		.08
97.	23.65	35.30	23.99	4.89	101.1	-05	.17	.09	.01	.10	.46	.46		.58		.02
107.	23.16	35.41	24.22	4.52	92.6	.36	.24	.90	.17	1.07				.51		.12
117.	22.52	35.52	24.40	4.55	92.2	.39	.32	2.04	.13	2.17				.36		.09
125.	22.14	35.61	24.66	4.45	89.6	.52	.31	2.07	.08	2.15				.24		.05
160.	21.29	35.70	24.97	4.38	86.8	.67	.33	2.80	.01	2.81				.10		.02
200.	20.73	35.76	25.16	4.79	93.9	.31	.26	1.52	.01	1.53				.05		.12

CROISIERE: RCO82C
STATION : 10
POSITION :21.33 S 168.39 E

DATE: 11 12 82
HEURE: 17 54

- 39 -

AIR= 2589999 VENT= 30/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.56	35.14	23.38	4.93	105.4	-.25	.11	.08	.01	.09			.06		.12
25.	24.80	35.13	23.52	5.36	113.0	-.62	.03	.10	.02	.12			.08		.14
50.	24.37	35.17	23.68	5.32	111.3	-.54	.06	.11	.04	.15			.11		.28
73.	23.99	35.23	23.84	4.97	103.3	-.16	.04	.10	.03	.13			.23		.10
82.	23.91	35.24	23.87	5.08	105.5	-.26	.05	.08	.02	.10			.29		.48
90.	23.63	35.25	23.96	4.95	102.2	-.11	.05	.11	.03	.14			.37		.22
100.	23.18	35.39	24.20	4.76	97.6	.12	.09	.37	.08	.45	.60	.44	.80	42.	.09
110.	23.02	35.43	24.27	4.71	96.3	.18	.10	.66	.14	.80			.75		.16
120.	22.72	35.53	24.44	4.52	91.9	.40	.14	1.32	.22	1.54			.56		.29
130.	22.38	35.63	24.61	4.80	97.1	.15	.11	.83	.23	1.06			.35		.21
160.	21.57	35.68	24.87	4.59	91.4	.43	.14	1.62	.10	1.72			.14		.07
200.	20.79	35.75	25.14	4.71	92.5	.38	.11	1.80	.86	1.86			.06		.21

CROISIERE: RCO82C
STATION : 14
POSITION :21.33 S 168.39 E

DATE: 12 12 82
HEURE: 4 48

AIR= 2509999 VENT=360/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.16	35.13	23.41	4.93	104.7	-.22	.14	.13	.01	.14			.06		.03
25.	24.93	35.12	23.47	4.92	104.0	-.19	.13	.13	.01	.14			.08		.03
50.	24.36	35.16	23.68	4.96	103.8	-.18	.14	.15	.02	.17			.11		.07
70.	24.02	35.22	23.82	4.99	103.8	-.18	.12	.08	.02	.10			.15		.02
80.	23.90	35.24	23.87	4.92	102.1	-.18	.13	.11	.01	.12			.18		.63
90.	23.58	35.28	24.00	5.00	104.0	-.23	.13	.14	.02	.16			.24		.07
100.	23.35	35.35	24.12	5.34	109.8	-.48	.14	.25	.04	.29			.60		.02
110.	22.99	35.43	24.28	4.55	93.0	.34	.20	.66	.14	.80	.51	.38	.69	43.	.03
120.	22.72	35.52	24.43	4.52	91.9	.40	.24	1.52	.22	1.74			.59		.17
140.	22.24	35.61	24.63	4.73	95.4	.23	.21	.96	.24	1.20			.28		.03
160.	21.66	35.68	24.85	4.47	89.2	.54	.26	2.13	.09	2.22			.09		.02
200.	20.86	35.73	25.11		196.4	-4.70	.19	1.67	.04	1.71			.03		.19

CROISIERE: RCO82C
STATION : 19
POSITION :21.33 S 168.39 E

DATE: 12 12 82
HEURE: 17 11

AIR= 2669999 VENT=444/44 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	27.13	35.12	22.79	4.90	107.8	-.35	.16	.14	.02	.16			.09		.05
25.	25.02	35.13	23.45	4.89	103.5	-.17	.16	.08	.02	.10			.10		.14
50.	24.48	35.15	23.63	4.95	103.8	-.18	.16	.08	.02	.10			.12		.09
60.	24.27	35.18	23.72	4.97	103.8	-.18	.16	.11	.03	.14			.16		.07
70.	24.08	35.21	23.80	4.95	103.1	-.15	.16	.09	.02	.11			.18		.15
80.	23.65	35.24	23.89	4.93	102.2	-.11	.16	.07	.02	.09			.27		.12
90.	23.55	35.28	24.01	4.87	100.4	-.02	.18	.10	.02	.12			.45		.09
100.	23.19	35.33	24.15	4.94	101.2	-.06	.19	.10	.05	.15	.74	.56	.99	43.	.14
110.	22.82	35.38	24.29	4.74	96.5	.17	.26	.38	.13	.51			.67		.14
125.	22.33	35.60	24.60	4.67	94.3	.28	.24	.86	.25	1.11			.33		.09
150.	22.01	35.66	24.74	4.87	97.8	.11	.20	.28	.37	.65			.19		.12
200.	20.90	35.71	25.08	4.99	98.2	.09	.20	.34	.06	.46			.12		1.21

CROISIERE: RC082C
STATION : 22
POSITION :21.32 S 168.14 E

DATE: 13 12 82
HEURE: 4 48

- 40 -

AIR= 2579999 VENT= 30/ 1 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.68	35.04	23.12	4.83	103.8	-.18	.15	.07	.04	.11			.11		.06
25.	25.73	35.06	23.18	4.89	104.8	-.23	.15	.05	.04	.09			.08		.04
41.	25.32	35.11	23.35	4.95	105.4	-.25	.16	.08	.04	.12			.09		.09
50.	24.77	35.13	23.53	4.96	104.5	-.22	.16	.06	.03	.09			.08		.33
58.	24.44	35.17	23.66	4.98	104.4	-.21	.16	.09	.03	.12			.10		.69
75.	24.22	35.23	23.77	5.03	105.0	-.24	.14	.09	.03	.12			.13		.14
97.	24.09	35.25	23.82	5.31	110.6	-.51	.13	.08	.03	.11			.13		.07
96.	23.99	35.26	23.86	4.98	103.5	-.17	.14	.15	.03	.18			.16		.05
107.	23.81	35.29	23.94	5.08	105.3	-.26	.13	.05	.03	.08			.18		.05
117.	23.37	35.35	24.11	4.91	101.0	-.05	.16	.13	.06	.19	.56	.42	.76	43.	.08
150.	22.31	35.55	24.57	4.58	92.4	.37	.18	.95	.06	1.01			.38		.03
200.	20.89	35.70	25.07	4.47	87.9	.61	.17	2.41	.07	2.48			.11		.49

CROISIERE: RC082C
STATION : 27
POSITION :21.35 S 168.14 E

DATE: 13 12 82
HEURE: 17 30

AIR= 2639999 VENT=135/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.88	35.05	22.81				.14	.07	.02	.09			.06		.12
25.	25.63	35.07	23.22				.14	.12	.03	.15			.08		.24
50.	24.60	35.17	23.61				.13	.09	.03	.12			.20		.14
70.	24.10	35.24	23.81				.13	.16	.02	.18			.24		.14
80.	23.88	35.28	23.91				.14	.05	.02	.07			.27		.18
96.	23.56	35.33	24.04				.14	.06	.02	.08			.44		.07
100.	23.27	35.36	24.15				.15	.09	.02	.11			.68		.69
110.	22.96	35.43	24.29				.15	.07	.03	.10	.52	.52	.76	50.	.10
120.	22.77	35.50	24.44				.18	.26	.07	.33			.62		.09
150.	21.58	35.64	24.84				.23	1.79	.12	1.91			.40		.07

CROISIERE: RC082C
STATION : 31
POSITION :21.33 S 168.14 E

DATE: 14 12 82
HEURE: 4 43

AIR= 2519999 VENT=135/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.79	35.06	23.17	5.04	108.2	-.38	.15	.09	.02	.11			.11		.07
20.	25.43	35.09	23.30	4.91	104.7	-.22	.15	.08	.01	.09			.09		.05
40.	24.66	35.15	23.58	4.90	103.1	-.15	.13	.08	.01	.09			.10		.03
55.	24.50	35.18	23.65	4.93	103.4	-.16	.13	.03	.01	.04			.11		.05
70.	24.24	35.21	23.75	4.92	102.7	-.13	.14	.04	.02	.06			.15		.05
80.	24.18	35.23	23.78	4.93	102.8	-.14	.13	.07	.02	.09			.15		.03
90.	24.05	35.24	23.83	5.01	104.3	-.21	.14	.03	.02	.05			.18		.03
100.	23.90	35.26	23.89	5.01	104.0	-.19	.14	.13	.01	.14			.23		.03
110.	23.61	35.29	24.00	5.03	103.9	-.19	.13	.10	.01	.11			.24		.03
120.	23.14	35.41	24.22	5.02	102.8	-.14	.14	.04	.01	.05			.30		.02
150.	22.31	35.55	24.57	4.71	95.1	.24	.17	.12	.14	.26	.41	.68	.72	62.	0.00
200.	20.91	35.71	25.00	4.34	85.4	.74	.29	2.97	.05	3.02			.24		.07

CROISIERE: RCOB2C
STATION : 34
POSITION :21.33 S 168.15 E

DATE: 14 12 82
HEURE: 11 15

- 41 -

AIR= 2619999 VENT=135/10 FOND= 9999 NP= 8

PR	TEMP	SAL	SIGT	O2	O2	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
70.	24.22	35.31	23.83					.09	.02	.11			.30		
80.	23.79	35.31	23.96					.10	.02	.12			.41		
90.	23.34	35.36	24.13					.10	.02	.12			.50		
110.	22.47	35.52	24.58					.11	.08	.19	.56	.53	.98	49.	
120.	22.26	35.57	24.60					.61	.21	.82			.66		
140.	21.78	35.64	24.78					1.73	.10	1.83			.47		
150.	21.47	35.65	24.88					2.25	.88	2.33			.33		
200.	20.49	35.72	25.20					3.14	.04	3.18			.12		

CROISIERE: RCOB2C
STATION : 36
POSITION :21.34 S 168.14 E

DATE: 14 12 82
HEURE: 17 30

AIR= 2539999 VENT=120/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	O2	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.38	35.00	22.94	4.80	104.1	-19	.18	.06	.02	.08			.10		.14
25.	25.66	35.06	23.21	4.87	104.3	-20	.18	.13	.01	.14			.12		.10
50.	24.59	35.20	23.64	4.97	104.5	-21	.16	.06	.01	.07			.16		.09
70.	24.00	35.30	23.69	5.02	104.4	-21	.14	.11	.01	.12			.32		.22
80.	23.79	35.32	23.97	5.02	104.0	-19	.14	.08	.01	.09			.35		.12
90.	23.44	35.36	24.10	5.10	105.0	-24	.15	.11	.01	.12			.38		.05
100.	23.20	35.38	24.18	4.97	101.9	-09	.16	.07	.01	.00			.46		.26
110.	22.91	35.41	24.29	4.93	106.6	-03	.16	.06	.02	.08			.54		.07
120.	22.67	35.48	24.41	4.86	98.7	.06	.16	.04	.03	.07	.51	.49	.74	49.	.05
130.	22.46	35.54	24.52	4.80	97.2	.14	.17	.05	.03	.08			.72		.09
150.	22.16	35.59	24.64	4.52	91.0	.45	.23	.70	.26	.96			.61		.03
200.	20.83	35.71	25.10	4.31	84.7	.78	.28	2.26	.05	2.31			.26		.22

CROISIERE: RCOB2C
STATION : 39
POSITION :21.33 S 168.15 E

DATE: 15 12 82
HEURE: 4 42

AIR= 2519999 VENT=120/ 7 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	O2	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.21	35.02	23.00	4.81	104.0	-19	.13	.05	.01	.06			.07		0.00
25.	26.08	35.02	23.04	4.82	104.0	-18	.13	.03	.02	.05			.08		.02
50.	25.43	35.10	23.31	4.91	104.7	-22	.13	.07	.04	.11			.09		.02
70.	24.69	35.18	23.59	4.97	104.6	-22	.11	.08	.01	.09			.12		.03
80.	24.28	35.26	23.78	5.63	117.7	-85	.14	.05	.01	.06			.16		.19
90.	23.95	35.32	23.92	5.06	105.2	-25	.11	.08	.02	.10			.19		.14
100.	23.64	35.35	24.03	4.99	103.1	-15	.11	.08	.01	.09			.27		.03
110.	23.42	35.37	24.11	4.91	101.1	-05	.11	.08	.01	.09			.30		.03
120.	23.05	35.42	24.26	4.96	101.4	-07	.11	.06	.01	.07			.44		.14
130.	22.72	35.50	24.41	4.89	99.4	.03	.14	.03	.32	.05			.49		.02
150.	22.29	35.57	24.59	4.64	93.6	.32	.15	.17	.13	.36	.37	.60	.64	62.	.03
200.	20.95	35.70	25.06	4.31	84.9	.77	.24	2.00	.05	2.05			.45		.02

CROISIERE: RCO82C
STATION : 42
POSITION :21.33 S 168.14 E

DATE: 15 12 82
HEURE: 11 20

- 42 -

AIR= 2599999 VENT=116/ 4 FOND= 9999 NP= 6

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
80.	23.54	35.36	24.07					.10	.03	.13			.66		
100.	23.04	35.43	24.27					.11	.03	.14			.71		
120.	22.41	35.54	24.53					.43	.15	.58	.47	.59	.74	56.	
140.	21.65	35.60	24.73					.36	.18	.54			.59		
160.	21.40	35.68	24.92					2.35	.11	2.46			.34		
180.	21.09	35.70	25.02					2.42	.11	2.53			.34		

CROISIERE: RCO82C
STATION : 44
POSITION :21.34 S 168.14 E

DATE: 15 12 82
HEURE: 17 19

AIR= 2629999 VENT= 96/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.71	35.01	22.84	4.81	105.0	-.23	.26	.08	.02	.16			.06		.56
40.	25.53	35.07	23.25	5.01	107.4	-.33	.19	.06	.02	.10			.13		.49
60.	24.68	35.18	23.59	5.02	105.7	-.27	.18	.08	.02	.10			.17		.39
80.	23.83	35.30	23.94	5.00	103.7	-.18	.16	.17	.03	.20			.36		.43
90.	23.63	35.32	24.01	5.00	103.3	-.16	.16	.14	.03	.17			.52		.12
100.	23.41	35.35	24.10	5.06	104.1	-.20	.18	.14	.03	.17			.63		.15
110.	23.14	35.40	24.22	4.93	101.0	-.05	.16	.13	.04	.17	.61	.23	.71	27.	.07
120.	22.93	35.45	24.31	4.95	101.0	-.05	.16	.14	.03	.17			.52		.12
130.	22.64	35.50	24.44	4.92	99.9	.01	.16	.14	.02	.16			.46		.07
140.	22.22	35.58	24.62	4.59	92.5	.37	.23	.69	.19	.88			.46		.24
160.	21.67	35.64	24.81	4.37	87.2	.64	.24	2.11	.08	2.19			.27		.09
200.	20.81	35.70	25.10	4.27	83.8	.82	.33	2.99	.05	3.04			.16		.09

CROISIERE: RCO82C
STATION : 48
POSITION :21.33 S 168.10 E

DATE: 16 12 82
HEURE: 4 35

AIR= 2409999 VENT= 96/12 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.34	34.99	22.94	4.76	103.2	-.15	.15	.09	.02	.11			.08		.17
25.	26.16	35.00	23.00	4.78	103.3	-.15	.15	.10	.02	.12			.11		.51
50.	25.51	35.07	23.26	5.02	107.2	-.34	.16	.09	.02	.11			.15		.63
60.	24.65	35.15	23.58	4.97	104.5	-.22	.25	.09	.03	.12			.23		
70.	24.35	35.22	23.72	4.95	103.6	-.17	.16	.11	.03	.14			.26		
80.	24.02	35.24	23.84	5.18	107.7	-.37	.13	.07	.02	.09			.30		.09
90.	23.45	35.36	24.10	4.96	102.2	-.10	.13	.05	.03	.08	.57	.38	.74	48.	.03
100.	22.97	35.44	24.30	4.81	98.2	.09	.13	.10	.06	.16			.71		.09
110.	22.78	35.48	24.38	4.84	98.5	.07	.13	.11	.06	.17			.57		.09
120.	22.62	35.51	24.45	4.67	98.8	.06	.16	.19	.07	.28			.53		.07
150.	21.82	35.62	24.76	4.55	91.0	.45	.26	1.06	.29	1.35			.45		.26
200.	20.76	35.71	25.12	4.38	85.9	.72	.26	2.62	.06	2.68			.11		.09

CROISIERE: RC082C
STATION : 51
POSITION :21.33 S 168.08 E

DATE: 16 12 82
HEURE: 11 12

- 43 -

AIR= 2669999 VENT= 76/ 5 FOND= 9999 NP= 8

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
60.	24.66	35.18	23.60					.13	.03	.16			.38		
80.	24.15	35.23	23.79					.08	.03	.11			.54		
90.	24.10	35.24	23.81					.08	.03	.11			.76		
100.	23.62	35.33	24.02					.12	.05	.17			.82		
110.	23.07	35.39	24.23					.13	.06	.19	.63	.55	.88	47.	
120.	22.52	35.50	24.47					2.83	.05	2.88			.70		
180.	20.83	35.69	25.08					2.39	.06	2.45			.27		
200.	20.43	35.71	25.21					2.85	.06	2.91			.15		

CROISIERE: RC082C
STATION : 53
POSITION :21.33 S 168.10 E

DATE: 16 12 82
HEURE: 17 20

AIR= 2649999 VENT= 45/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.62	34.96	22.84	5.06	110.2	-.47	.19	.04	.02	.06			.12		.09
20.	26.39	34.97	22.91	5.20	112.8	-.59	.19	.07	.02	.11			.13		.07
40.	25.53	35.04	23.23	5.12	109.4	-.44	.18	.17	.02	.19			.17		.16
55.	24.76	35.17	23.56	5.25	110.7	-.51	.15	.05	.03	.08			.20		.05
70.	23.97	35.28	23.88	5.14	106.8	-.33	.15	.08	.02	.10			.31		.07
80.	23.56	35.30	24.02	4.99	103.0	-.14	.15	.07	.03	.10			.71		.03
90.	23.07	35.40	24.24	4.94	101.1	-.05	.16	.06	.03	.09	.81	.34	.96	36.	.05
100.	22.54	35.51	24.47	4.77	96.7	.16	.19	.20	.10	.30			.84		.03
110.	22.32	35.55	24.56	4.72	95.3	.23	.19	.22	.13	.35			.74		.05
120.	22.04	35.60	24.68	4.65	93.4	.33	.23	.48	.25	.73			.65		.02
160.	21.39	35.66	24.91				.28	1.74	.10	1.84			.44		.02
200.	20.64	35.69	25.13	4.52	68.5	.59	.33	2.67	.06	2.73			.15		.02

CROISIERE: RC082C
STATION : 57
POSITION :21.33 S 168.10 E

DATE: 17 12 82
HEURE: 4 50

AIR= 2579999 VENT= 50/ 9 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.23	34.97	22.96	4.84	104.7	-.22	.15	.06	.03	.09			.10		.39
25.	25.60	35.04	23.21	4.86	103.9	-.18	.15	.06	.03	.09			.12		.10
50.	24.40	35.24	23.72	5.02	105.2	-.25	.13	.05	.03	.08			.19		.17
65.	24.07	35.29	23.86	5.09	106.0	-.29	.12	.04	.04	.08			.33		.07
80.	23.47	35.35	24.08	5.07	104.5	-.22	.13	.06	.03	.09			.35		.19
90.	23.01	35.43	24.28	5.06	103.4	-.17	.13	.04	.05	.09			.75		.14
100.	22.72	35.49	24.41	5.04	102.5	-.12	.12	.10	.07	.17	.56	.50	.78	47.	.07
110.	22.49	35.53	24.50	4.77	96.6	.17	.15	.29	.13	.42			.61		.12
120.	22.18	35.58	24.63	4.71	94.9	.26	.14	.29	.22	.51			.55		.12
130.	22.06	35.60	24.68	4.63	93.0	.35	.17	.51	.28	.79			.52		.07
160.	21.46	35.65	24.88	4.46	88.6	.57	.21	1.68	.16	1.84			.33		.03
200.	20.51	35.72	25.19	4.35	84.9	.77	.28	3.14	.06	3.20			.09		.02

CROISIÈRE: RCO82C
STATION : 53
POSITION :21.32 S 168.10 E

DATE: 17 12 82
HEURE: 16 50

- 44 -

AIR= 2329999 VENT= 85/ 4 FOND= 9999 NP= 10

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
70.	23.98	35.32	23.91					.06	.03	.09			.49		
80.	23.57	35.36	24.06					.09	.03	.12			.54		
90.	23.40	35.39	24.13					.05	.03	.08			.60		
100.	23.13	35.42	24.23					.06	.03	.09			.70		
110.	22.67	35.50	24.43					.15	.04	.19	.62	.40	.86	39.	
120.	22.42	35.55	24.54					.26	.11	.37			.75		
140.	21.82	35.62	24.76					1.32	.23	1.55			.66		
160.	21.58	35.65	24.85					1.78	.14	1.92			.56		
180.	20.85	35.69	25.08					2.82	.06	2.88			.36		
200.	20.50	35.72	25.20					3.19	.06	3.25			.24		

CROISIÈRE: RCO82C
STATION : 60
POSITION :21.33 S 168.10 E

DATE: 17 12 82
HEURE: 17 15

AIR= 2539999 VENT= 76/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.03	34.89	22.96	4.84	104.2	- .28	.17	.09	.02	.11			.23		.24
25.	25.70	35.00	23.15	5.75	123.2	-1.08	.17	.05	.03	.08			.26		.24
50.	24.90	35.15	23.51	5.43	114.7	- .78	.16	.07	.02	.09			.34		.91
60.	24.50	35.20	23.66	4.98	104.5	- .21	.15	.06	.02	.08			.37		.14
70.	24.18	35.25	23.80	4.95	103.3	- .16	.14	.06	.02	.08			.43		.11
80.	23.62	35.31	24.01	5.03	103.9	- .19	.14	.03	.02	.05			.54		.03
90.	23.32	35.36	24.13	5.84	103.6	- .17	.14	.06	.02	.08			.68		.04
100.	22.84	35.44	24.33	4.91	100.0	- .00	.15	.12	.05	.17	.62	.37	.78	37.	.10
110.	22.57	35.51	24.46	4.81	97.5	.12	.17	.21	.07	.28			.64		.10
130.	22.15	35.59	24.64	4.67	94.4	.20	.19	.53	.20	.73			.51		.07
150.	21.86	35.62	24.75	4.54	96.9	.45	.21	1.13	.22	1.35			.41		.03
200.	20.81	35.70	25.10	4.43	87.0	.66	.28	3.24	.03	3.27			.10		.15

CROISIÈRE: RCO82C
STATION : 63
POSITION :21.33 S 168.10 E

DATE: 18 12 82
HEURE: 4 52

AIR= 2509999 VENT=160/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.08	34.90	22.95	5.63	160.4	- .39	.16	.07	.01	.08			.10		.05
20.	25.59	35.04	23.21	4.65	103.7	- .17	.15	.11	.01	.12			.12		.07
40.	24.75	35.16	23.56	5.14	108.3	- .39	.13	.08	.01	.09			.15		.10
60.	24.47	35.18	23.66	4.98	104.4	- .21	.15	.11	.01	.12			.22		.14
70.	23.86	35.28	23.91	4.99	103.5	- .17	.14	.05	.01	.06			.34		.07
80.	23.37	35.39	24.14	4.94	101.6	- .08	.14	.12	.02	.14			.49		.03
90.	23.08	35.41	24.24	4.94	101.1	- .05	.14	.17	.03	.26			.53		.05
100.	22.77	35.48	24.38	4.78	97.3	.13	.17	.16	.05	.21	.41	.33	.56	45.	.05
110.	22.49	35.53	24.50	4.77	96.6	.17	.18	.26	.09	.29			.49		.02
120.	22.30	35.56	24.58	4.76	96.1	.19	.18	.38	.14	.52			.41		.03
150.	21.63	35.64	24.83	4.46	88.9	.56	.22	1.76	.11	1.87			.25		.09
200.	20.36	35.72	25.23	4.35	84.7	.77	.30	3.31	.03	3.34			.07		.02

CROISIERE: RC082C
STATION : 66
POSITION :21.32 S 168.09 E

DATE: 18 12 82
HEURE: 11 30

- 45 -

AIR= 2669999 VENT=110/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
25.	25.35	35.07	23.31					.08	.03	.11			.17		
40.	24.56	35.18	23.63					.14	.03	.17			.28		
50.	24.02	35.21	23.81					.18	.06	.24			.33		
60.	23.64	35.25	23.96					.06	.06	.12			.39		
70.	23.02	35.42	24.27					.08	.04	.12			.43		
80.	22.90	35.44	24.32					.11	.07	.18			.54		
90.	22.75	35.47	24.38					.22	.10	.32	.37	.57	.62	61.	
100.	22.51	35.51	24.48					.29	.15	.44			.56		
110.	22.25	35.58	24.61					1.08	.21	1.29			.47		
120.	22.11	35.68	24.72					2.21	.17	2.38			.38		
130.	21.93	35.64	24.74					1.78	.19	1.97			.36		
140.	21.60	35.65	24.84					1.75	.13	1.88			.28		

CROISIERE: RC082C
STATION : 68
POSITION :21.33 S 168.11 E

DATE: 18 12 82
HEURE: 16 14

AIR= 2619999 VENT=110/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.37	34.93	22.89	4.89	166.0	-.28	.17	.15	.02	.17			.08		.36
25.	24.67	35.14	23.57	4.75	184.1	-.20	.14	.11	.02	.13			.12		.10
50.	23.76	35.26	23.93	5.11	165.8	-.28	.13	.08	.02	.10			.29		.33
60.	23.36	35.30	24.08	5.02	183.2	-.16	.13	.19	.03	.22			.49		.77
70.	23.11	35.39	24.22	4.95	181.3	-.06	.13	.17	.04	.21			.66		.35
80.	23.02	35.42	24.27	4.91	180.4	-.02	.14	.26	.09	.35	.35	.84	.74	71.	.59
90.	22.72	35.50	24.41	4.83	98.2	.09	.17	.86	.13	.99			.54		.11
100.	22.63	35.54	24.47	4.81	97.7	.11	.17	.61	.13	.74			.45		.20
110.	22.30	35.60	24.61	4.69	94.7	.26	.18	1.11	.15	1.26			.37		.15
120.	22.17	35.60	24.64	4.71	94.8	.26	.19	1.27	.13	1.40			.31		.25
150.	21.96	35.80	24.86	4.54	91.2	.44	.36		.66				.14		.83
200.	20.25	35.71	25.25	4.30	83.5	.65	.28	3.94	.04	3.98			.08		.15

CROISIERE: RC082C
STATION : 1001
POSITION :21.33 S 168.38 E

DATE: 10 12 82
HEURE: 7 0

AIR= 2479999 VENT= 70/ 5 FOND= 9999 NP= 9

PR	P04	N03	N02	N023	Ch1a	PHA	NP	110	C14	PP	CP	COPE	CHLA	LUN	ZPHA	NH4
2.	.26	.16	.03	.19	.09	.08	.64	.830	5.16	.23	7.67		.13	3243.	47.	.05
20.	.32	.18	.04	.22	.09	.06	.52	.179	.65	.10	5.65		.12		40.	.14
30.	.32	.15	.02	.17	.14	.07	.91	.140	0.06	.10	10.52		.09		33.	.09
35.	.32	.23	.03	.26	.10	.37	.59	.999		.14	6.25		.14		79.	.10
40.	.26	.20	.03	.23	.10	.06	1.63	.080	1.35	.21	8.36		.07		38.	.20
50.	.37	.25	.02	.27	.11	.03	.75	.050	7.02	.19	7.18		.12		21.	.92
60.	.21	.23	.03	.26	.10	.04	1.89	.030	3.35	.29	16.44		.12		29.	.17
80.	.23	.25	.03	.28	.13	.09	.59	.014	3.25	.29	5.89		.17		41.	.05
100.	.24	.26	.02	.28	.20	.18	.52		2.87	.21	7.25		.28		47.	.14

CROISIERE: RCO82C
STATION : 1005
POSITION :21.33 S 168.39 E

DATE: 11 12 82
HEURE: 6 0

- 46 -

AIR= 2439999 VENT= 45/ 4 FOND= 9999 NP= 9

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUH	XPHA	NH4
2.	.30	.07	.05	.12	.16	.06	.41		10.09	.29	3.06	667.	.19	3554.	27.	.13
20.	.31	.09	.05	.14	.12	.02	.42		.22	.20	3.72	111.	.13		14.	.12
40.	.26	.09	.03	.12	.12	.04	9.99		1.31	.18	4.29	407.	.14		25.	.18
60.	.33	.15	.05	.20	.14	.07	.48		0.00	.16	4.40	222.	.17		33.	.25
70.	.28	.09	.02	.11	.14	.07	.46		.91	.20	3.43	444.	.17		33.	.36
80.	.30	.08	.04	.12	.19	.21	.55		10.70	.15	4.99	222.	.29		53.	.12
100.	.40	.08	.04	.12	.28	.28	.73		.68	.28	6.00	222.	.41		50.	.14
120.	.44	.29	.10	.39	.48	.31	.70		.20	.26	5.99	444.	.62		39.	.44
140.	.60	2.23	.08	2.31	.11	.10	.46			.20	4.29	37.	.16		48.	.27

CROISIERE: RCO82C
STATION : 1014
POSITION :21.33 S 168.39 E

DATE: 12 12 82
HEURE: 6 0

AIR= 2509999 VENT=360/ 2 FOND= 9999 NP= 9

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUH	XPHA	NH4
2.	.35	.12	.03	.15	.20	.07	.39	.730	4.85	.07	3.71	778.	.23	3329.	26.	.78
20.	.27	.13	.02	.15	.17	.11	.47	.260	1.65	.25	3.94	74.	.22		39.	.34
40.	.23	.09	.02	.11	.18	.05	.56	.120	5.45	.15	5.02	296.	.21		22.	.32
60.	.19	.10	.01	.11	.22	.35	.39	.067	3.99	.14	3.64	259.	.38		61.	.36
70.	.18	.10	.02	.12	.21	.12	.26	.049	.37	.17	3.61	185.	.27		36.	.46
80.	.22	.11	.01	.12	.31	.15	.41	.034	.01	.16	3.48	111.	.33		33.	.31
90.	.20	.10	0.00	.10	.29	.18	.33	.023	0.06	.17	2.56	333.	.38		38.	.17
100.	.24	.12	.01	.13	.28	.24	.57	.999	1.23	.11	4.77	370.	.39		46.	.27
140.	.30	1.53	.11	1.64	.28	.55	.36	.999		.11	2.89	407.	.53		66.	.39

CROISIERE: RCO82C
STATION : 1022
POSITION :21.32 S 168.14 E

DATE: 13 12 82
HEURE: 6 0

AIR= 2579999 VENT= 30/ 1 FOND= 9999 NP= 9

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUH	XPHA	NH4
0.	.23	.05	.07	.12	.18	.05	.40	.760	2.75	.08	3.89	889.	.26	3202.	22.	.12
20.	.23	.08	.07	.15	.18	.04	.56	.250	1.59	.10	5.21	165.	.19		18.	.13
40.	.20	.10	.06	.16	.19	.07	.60	.120	3.75	.13	5.53	333.	.22		27.	.13
60.	.17	.08	.06	.14	.21	.08	.45	.057	4.11	.05	3.35	259.	.24		28.	.37
80.	.16	.26	.06	.32	.21	.11	.33	.034	1.74	.07	2.82	111.	.26		34.	.19
100.	.16	.08	.05	.13	.35	.28	.56	.999	2.39	.06	4.49	222.	.47		44.	.12
110.	.21	.12	.07	.19	.43	.45	.60	.999	0.60	.13	5.57	111.	.64		51.	.16
120.	.19	.17	.08	.25	.41	.34	.70	.999	2.40	.10	5.36	370.	.57		45.	.15
140.	.20	.68	.22	.90	.28	.37	.56	.999		.10	4.59	74.	.45		57.	.29

CROISIERE: RC082C
STATION : 1031
POSITION :21.33 S 168.14 E

DATE: 14 12 82
HEURE: 6 0

- 47 -

AIR= 2519999 VENT=135/ 4 FOND= 9999 NP= 9

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	T10	C14	PP	CP	COPE	CHLA	LUH	2PHA	NH4
0.	.21	.02	.04	.06	.23	.13	2.82		6.45	.09	26.44	333.	.30	2987.	36.	.09
15.	.20	.05	.04	.09	.22	.09	1.10		2.13	.15	10.07	165.	.26		29.	.17
30.	.17	.05	.04	.09	.15	.15	.86		3.63	.18	8.29	259.	.22		50.	.12
45.	.14	.03	.03	.06	.13	.13	.52			.17	4.58	222.	.19		50.	.09
60.	.13	.03	.03	.06	.17	.11	.48		2.38		4.13	185.	.22		39.	.09
75.	.14	.06	.03	.07	.19	.10	.95		4.18		8.24	259.	.24		34.	.09
90.	.15	.06	.03	.09	.21	.12	.76		3.76		5.97	148.	.26		36.	.10
100.	.13	.05	.03	.08	.27	.11	.59		1.14		4.62	333.	.32		39.	.10
140.	.13	.05	.03	.08	.43	.35	.80				7.24	37.	.59		44.	.10

CROISIERE: RC082C
STATION : 1039
POSITION :21.33 S 168.15 E

DATE: 15 12 82
HEURE: 6 0

AIR= 2519999 VENT=120/ 7 FOND= 9999 NP= 10

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	T10	C14	PP	CP	COPE	CHLA	LUH	2PHA	NH4
0.	.23	.20	.01	.21	.18	.04	.72		1.85		6.82	519.	.26	2949.	18.	.29
20.	.20	.07	.01	.08	.18	.05	.57		1.50	.26	5.69	111.	.21		22.	.10
30.	.18	.07	.01	.08	.18	.04	.75		2.33	.18	6.12	222.	.20		18.	.10
40.	.16	.03	.01	.04	.20	.04	.72		1.55	.34	3.07	259.	.22		17.	.10
50.	.15	.10	.01	.11	.19	.01	.74		.90	.20	5.92	222.	.20		5.	.07
80.	.14	.05	.01	.06	.21	.07	.58		2.54	.25	4.43	165.	.24		25.	.07
100.	.16	.04	.02	.06	.31	.11	.71		1.51	.34	6.66	148.	.36		26.	.07
120.	.15	.09	.02	.11	.30	.16	.79		.78	.26	7.64	148.	.38		35.	.09
150.	.16	.11	.15	.26	.30	.22	1.04			.50	6.77	376.	.46		42.	.10
200.	.53	1.86	.06	1.92	.17	.23	.58			.20	6.44	0.	.27		58.	.32

CROISIERE: RC082C
STATION : 1048
POSITION :21.33 S 168.10 E

DATE: 16 12 82
HEURE: 5 45

AIR= 2489999 VENT= 90/12 FOND= 9999 NP= 9

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	T10	C14	PP	CP	COPE	CHLA	LUH	2PHA	NH4
0.	.22	.06	.03	.09	.15	.07	1.26		4.59	.37	10.79	222.	.19	3104.	32.	.09
20.	.17	.06	.02	.08	.17	.07	.83		12.14	.12	6.27	148.	.20		29.	.05
40.	.16	.06	.03	.09	.18	.02	.63		4.06	.13	4.63	111.	.19		10.	.09
60.	.14	.07	.02	.09	.21	.05	.62		3.56	.06	5.59	111.	.23		19.	.05
80.	.14	.10	.02	.12	.21	.11	.84		7.36	.10	6.02	222.	.26		34.	.03
90.	.15	.07	.01	.08	.23	.19	.68		24.25	.23	5.24	165.	.32		45.	.05
100.	.16	.06	.02	.08	.23	.13	.97		0.06	.16	7.89	222.	.30		36.	.03
110.	.18	.06	.03	.09	.43	.29	1.02		23.09	.15	8.01	111.	.57		48.	.05
170.	.19	.77	.30	1.07	.24	.44	.86			.18	5.27	222.	.44		65.	.05

CROISIERE: RC082C
STATION : 1057
POSITION :21.33 S 168.10 E

DATE: 17 12 82
HEURE: 6 0

- 48 -

AIR= 2579999 VENT= 50/ 9 FOND= 9999 NP= 10

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUH	2PHA	NH4
0.	.25	.03	.03	.06	.34	.05	1.10		2.99	.22	8.64	259.	.37	799.	13.	.12
20.	.18	.05	.01	.06	.25	.05	.85		.47	.32	7.67	37.	.27		17.	.18
40.	.16	.07	.02	.09	.22	.05	.76		1.33	.34	5.36	296.	.24		19.	.14
60.	.16	.03	.02	.05	.27	.13	.83		2.43	.25	6.35	222.	.33		33.	.09
80.	.19	.04	.02	.06	.29	.15	9.99		2.24	.22	7.05	111.	.36		34.	.27
90.	.15	.07	.02	.09	.33	.20	1.02		.52	.23	0.60	111.	.42		38.	.17
100.	.14	.04	.02	.06	.27	.16	.79		2.93	.29	6.45	148.	.34		37.	.08
120.	.14	.11	.05	.16	.56	.48	.70		1.52	.35	5.56	296.	.78		46.	.07
140.	.14	.30	.15	.45	.37	.49	1.45			.42	13.28	0.	.59		57.	.07
200.	.18	2.59	.06	2.65	.16	.17	.54			.29	4.57	111.	.24		52.	.10

CROISIERE: RC082C
STATION : 1063
POSITION :21.33 S 168.10 E

DATE: 18 12 82
HEURE: 6 0

AIR= 2509999 VENT=100/ 4 FOND= 9999 NP= 9

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUH	2PHA	NH4
0.	.16	.06	.01	.07	.21	.06	.88	.960	1.39	.17	7.25	259.	.23	3195.	22.	.05
20.	.17	.09	.01	.10	.22	.06	.61	.210	3.42	.13	5.91	148.	.25		21.	.03
40.	.14	.13	.01	.14	.22	.06	.93	.200	5.39	.15	7.66	630.	.25		21.	.05
60.	.13	.07	.01	.08	.26	.12	.78	.120	1.84	.03	5.92	296.	.32		32.	.20
80.	.13	.04	.02	.06	.32	.14	.73	.066	6.60	.16	5.88	222.	.38		30.	.10
90.	.13	.05	.01	.06	.35	.33	.65	.999	4.29	.15	6.25	296.	.50		49.	.10
100.	.14	.11	.03	.14	.39	.39	.88	.999	3.03	.13	6.79	185.	.57		50.	.14
120.	.14	.18	.07	.25	.43	.40	.65	.999	3.03	.16	5.14	148.	.61		48.	.19
150.	.18	.61	.20	.81	.34	.25	.81	.999		.22	5.72	74.	.46		42.	.41

PREFIL 4

(RCO 83 A)

du 24 Janvier au 6 Février 1983

Description de la croisière

- 61 stations sonde STD.

- 4 stations au point fixe.

$\alpha_4 = 1 \text{ à } 21 + 1001 - 1009 - 1014$

$\beta_4 = 22 \text{ à } 30 + 1023$

$\gamma_4 = 31 \text{ à } 38 + 1031$

$\epsilon_4 = 39 \text{ à } 46 + 1039$

5 radiales (47 à 61) de 3 stations chacune.

Remarques :

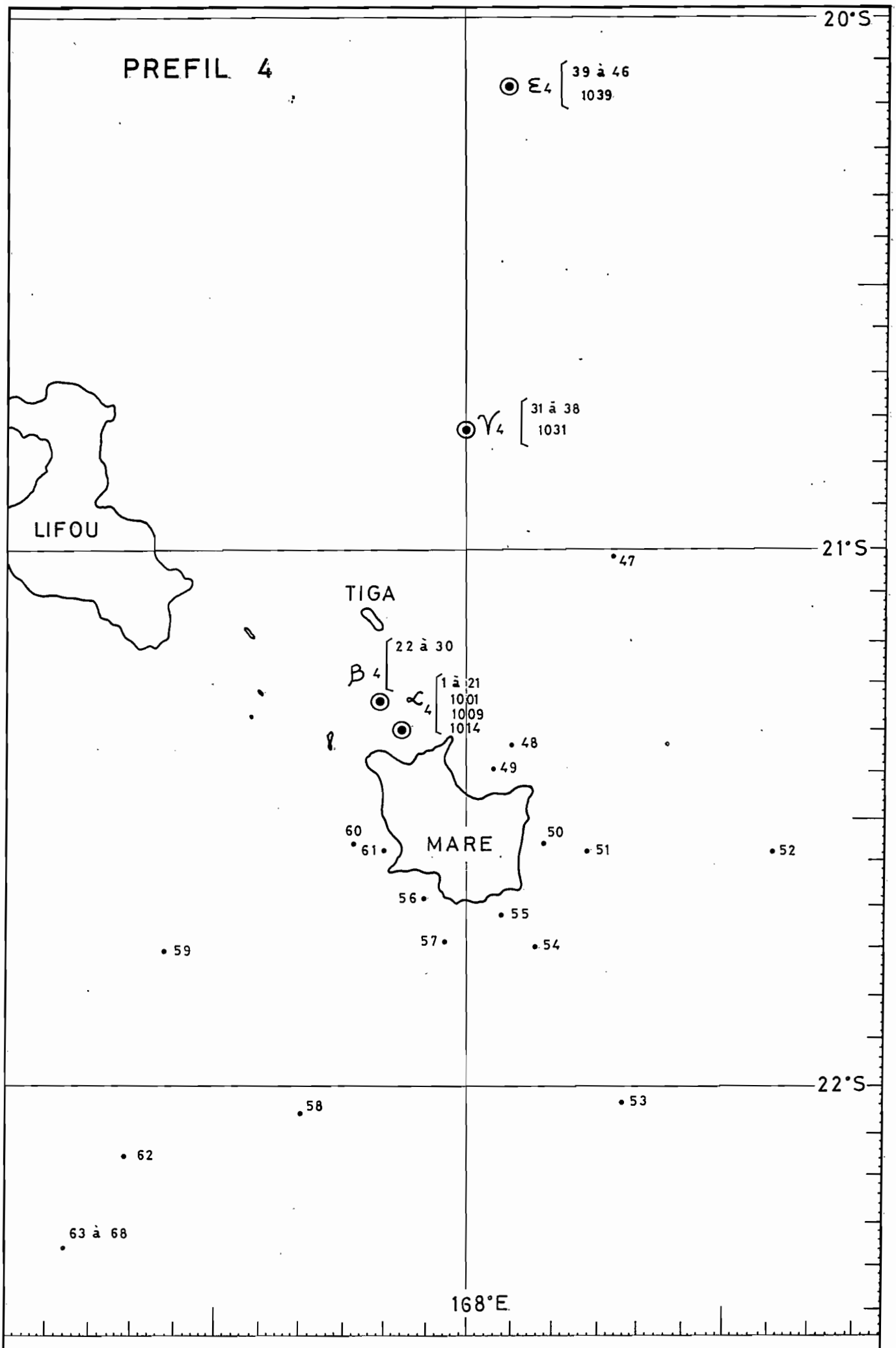
1001 }
1014 } tamisées sur 200 μ .

1009 }
1023 }
1031 } tamisées sur 50 μ .
1039 }

- Filtration sur GF/F

- CHN : sur filtre Ag (0.8 μ m).

brf



CROISIERE: RC083A
STATION : 1
POSITION :21.20 S 167.52 E

DATE: 29 1 83
HEURE: 4 42

- 51 -

AIR= 2529999 VENT=140/ 9 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.79	35.12	22.90	4.84	105.8	-.27	.07	.13	.08	.21			.19		.28
25.	26.80	35.12	22.89	4.82	105.4	-.25	.08	.05	.05	.18			.21		.47
40.	26.79	35.12	22.90	4.78	104.5	-.21	.09	.13	.07	.20			.23		.22
50.	26.72	35.11	22.91	4.94	107.9	-.36	.10	.12	.07	.19			.35		.29
60.	24.71	35.22	23.62	4.92	103.6	-.17	.10	.35	.10	.45			.78		1.02
70.	23.37	35.40	24.15	4.73	97.3	.13	.11	.66	.19	.85	.36	1.02	.83	74.	.35
85.	22.81	35.50	24.39	4.58	93.3	.33	.17	1.23	.15	1.38			.66		.57
100.	22.27	35.61	24.62	4.36	88.0	.60	.22	2.49	.08	2.57			.31		.71
125.	21.67	35.68	24.85	4.38	87.4	.63	.25	2.92	.07	2.99			.14		.80
150.	20.97	35.71	25.06				.23	3.44	.08	3.52			.10		.31
200.	19.62	35.70	25.41	4.39	84.3	.82	.26	4.05	.07	4.12			.06		.36
250.				4.46			.28	4.41	.06	4.47			.04		.34

CROISIERE: RC083A
STATION : 3
POSITION :21.20 S 167.51 E

DATE: 29 1 83
HEURE: 11 3

AIR= 2709999 VENT=140/ 8 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.77	35.12	22.90					.08	.02	.10			.12		
25.	26.74	35.12	22.91					.11	.02	.13			.20		
50.	26.65	35.12	22.94					.10	.02	.12			.26		
60.	26.65	35.12	22.94					.10	.02	.12			.33		
79.	26.28	35.11	23.07					.08	.02	.10			.39		
90.	25.69	35.14	23.26					.18	.04	.22			.90		
99.	24.56	35.25	23.68					.51	.10	.61	.62	.70	.94	53.	
107.	23.11	35.38	24.21					.84	.13	.97			.85		
115.	22.99	35.46	24.30					.86	.13	.99			.83		
124.	22.92	35.47	24.33					1.30	.09	1.39			.59		
150.	22.05	35.63	24.70					2.23	.06	2.29			.34		
250.	20.66	35.66	25.11					4.16	.04	4.20			.12		

CROISIERE: RC083A
STATION : 5
POSITION :21.21 S 167.51 E

DATE: 29 1 83
HEURE: 17 35

AIR= 2609999 VENT=150/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.74	35.12	22.91	4.77	104.2	-.19	.21	.11	.04	.15			.16		.61
25.	26.73	35.12	22.92	4.75	103.7	-.17	.20	.09	.02	.11			.23		.60
40.	26.49	35.12	22.99	4.76	103.5	-.16	.20	.11	.02	.13			.42		.65
49.	26.08	35.11	23.11	4.82	104.0	-.19	.19	.19	.05	.24			.52		.48
57.	24.75	35.14	23.54	4.83	101.8	-.08	.21	.12	.04	.16			.95		.66
66.	23.55	35.35	24.06	4.69	96.8	.16	.22	.34	.09	.43			1.08		.33
75.	23.23	35.43	24.21	4.59	94.2	.28	.23	.60	.15	.75	.62	.91	1.04	80.	.46
100.	22.52	35.56	24.52	4.30	87.1	.63	.29	1.96	.08	2.04			.48		.33
125.	21.77	35.68	24.82	4.19	83.8	.81	.32	2.72	.06	2.78			.22		.33
150.	21.18	35.69	24.99	4.31	85.2	.75	.33	2.80	.07	2.87			.12		.27
200.	20.12	35.70	25.28	4.25	82.4	.91	.36	3.63	.06	3.69			.09		.30
250.				4.27			.39	4.14	.07	4.21			.05		.63

CROISIERE: RC083A

STATION : 9

POSITION :21.20 S 167.51 E

DATE: 30 1 83

HEURE: 4 27

- 52 -

AIR=99999999

VENT=140/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	XPHA	NH4
0.	26.70	35.09	22.90	5.25	114.6	-.67	.21	.06	.03	.09			.17		.39
35.	26.69	35.10	22.91	4.34	94.7	.24	.21	.07	.02	.09			.23		.37
45.	26.30	35.11	23.04	4.81	104.2	-.20	.21	.09	.03	.12			.52		.32
53.	25.45	35.16	23.35	5.25	112.1	-.56	.20	.07	.03	.10			.68		.39
64.	23.75	35.34	23.99	4.57	94.6	.26	.24	.64	.12	.76	.67	.76	1.02	53.	.27
72.	22.92	35.50	24.36	4.34	88.6	.56	.29	1.31	.17	1.48			.71		.36
81.	22.75	35.54	24.43	4.30	87.5	.61	.31	1.54	.15	1.69			.70		.24
90.	22.47	35.57	24.54	4.25	86.1	.69	.33	2.01	.09	2.10			.59		.26
100.	22.88	35.63	24.69	4.19	84.2	.78	.35	2.59	.05	2.64			.37		.27
125.	21.63	35.67	24.85				.34	2.34	.66	2.40			.23		.26
150.	20.97	35.71	25.06				.42								
200.	19.70	35.71	25.40	4.37	84.0	.83		2.91	.04	2.95			.13		.19

CROISIERE: RC083A

STATION : 11

POSITION :21.21 S 167.51 E

DATE: 30 1 83

HEURE: 12 58

AIR= 2409999

VENT=135/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	XPHA	NH4
0.	26.58	35.13	22.97					.04	.01	.05			.15		
18.	26.56	35.13	22.98					.05	.01	.06			.21		
33.	26.55	35.13	22.98					.07	.01	.08			.39		
43.	26.50	35.13	23.00					.05	.01	.06			.34		
50.	26.32	35.13	23.05					.04	.02	.07			.28		
58.	25.61	35.14	23.28					.08	.03	.11			.31		
66.	25.02	35.22	23.52					.03	.04	.07			.63		
75.	24.59	35.25	23.67					0.00	.14	.11	.71	.67	1.02	49.	
100.	23.18	35.44	24.23					.67	.06	.73			.32		
125.	22.40	35.60	24.58					1.90	.04	1.94			.17		
150.	21.49	35.68	24.90					2.07	.04	2.11			.12		
200.	20.73	35.72	25.13					2.53	.04	2.57			.05		

CROISIERE: RC083A

STATION : 14

POSITION :21.20 S 167.50 E

DATE: 31 1 83

HEURE: 4 30

AIR= 2409999

VENT=158/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	XPHA	NH4
0.	26.43	35.12	23.01	4.87	105.8	-.27	.16	.01	.04	.03			.12		.25
25.	26.42	35.13	23.02	4.76	103.4	-.16	.16	.01	.04	.03			.16		.48
36.	26.21	35.13	23.09	4.73	102.3	-.11	.18	.02	.06	.04			.31		.46
44.	25.59	35.16	23.30	4.76	101.9	-.09	.17	.02	.08	.06			.38		.55
52.	24.86	35.19	23.55	4.67	98.6	.07	.18	.02	.10	.12	.46	.71	.78	61.	.30
62.	23.64	35.37	24.05	4.53	93.6	.31	.22	.04	.11	.95			.72		.41
72.	22.91	35.50	24.36	4.35	88.8	.55	.25	1.50	.13	1.63			.48		.14
82.	22.68	35.52	24.44	4.30	87.4	.62	.20	1.84	.06	1.90			.36		.17
100.	22.19	35.62	24.65	4.22	85.0	.74	.32	2.52	.05	2.57			.20		.17
125.	21.49	35.67	24.89	4.33	86.1	.70	.29	2.28	.04	2.32			.12		.23
150.	20.95	35.72	25.07	4.33	85.3	.75	.31	2.72	.04	2.76			.07		.16
200.	19.87	35.72	25.36	4.21	81.2	.97	.36	3.75	.04	3.79			.05		.16

CROISIERE: RC083A

DATE: 31 1 83

STATION : 17

HEURE: 11 32

POSITION :21.28 S 167.51 E

- 53 -

AIR= 271 269

VENT=150/ 5 FOND= 9999 NP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
8.	26.53	35.13	22.99						.10	.02	.12			.22		
20.	26.46	35.13	23.01						.09	.02	.11			.20		
34.	26.42	35.12	23.01						.06	.02	.08			.15		
50.	26.08	35.13	23.13						.10	.03	.13			.37		
64.	25.89	35.15	23.20						.09	.03	.12			.37		
73.	25.38	35.14	23.35						.12	.03	.15			.63		
82.	23.83	35.26	23.91						.62	.09	.71	.80	.84	1.18	51.	
98.	23.26	35.43	24.20						.83	.13	.96			1.88		
100.	22.98	35.48	24.32						1.29	.15	1.44			.83		
125.	22.31	35.60	24.61						2.19	.06	2.25			.44		
150.	21.86	35.66	24.78						2.78	.06	2.84			.20		
200.	20.82	35.78	25.09						3.38	.05	3.43			.10		

CROISIERE: RC083A

DATE: 31 1 83

STATION : 19

HEURE: 17 40

POSITION :21.21 S 167.51 E

AIR= 2509999

VENT=158/ 4 FOND= 9999 NP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.58	35.12	22.96	4.84	185.4	-.25	.19	.06	.02	.08				.19		.65
25.	26.49	35.13	23.00	4.70	102.2	-.18	.17	.10	.02	.12				.24		.37
40.	26.05	35.13	23.14	4.77	102.9	-.14	.18	.06	.03	.09				.32		.81
58.	25.45	35.15	23.34	4.71	100.5	-.02	.18	.06	.03	.09				.73		.27
59.	24.82	35.18	23.55	4.73	99.8	.01	.17	.24	.05	.29	.88	.91	1.30	51.		.20
66.	24.38	35.25	23.74	4.52	94.7	.26	.21	.76	.12	.88				1.21		.58
75.	23.06	35.45	24.28	4.46	91.2	.43	.24	1.18	.14	1.32				.92		.40
84.	22.83	35.50	24.38	4.33	88.2	.58	.27	1.66	.12	1.78				.73		.24
100.	22.34	35.59	24.59	4.25	85.9	.70	.30	2.15	.06	2.21				.47		.24
125.	21.68	35.68	24.86	4.25	84.7	.77	.31	2.63	.06	2.69				.25		.21
150.	21.07	35.71	25.03	4.36	86.0	.71	.30	2.69	.06	2.75				.14		.24
200.	20.06	35.70	25.30	4.21	81.5	.96	.37	3.70	.04	3.74				.09		.16

CROISIERE: RC083A

DATE: 1 2 83

STATION : 23

HEURE: 4 25

POSITION :21.16 S 167.49 E

AIR= 2429999

VENT=135/ 4 FOND= 9999 NP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.24	35.14	23.08	4.79	103.7	-.17	.17	.04	0.00	.04				.17		.77
24.	26.18	35.14	23.10	4.79	103.6	-.17	.16	.04	0.00	.04				.15		.61
38.	25.28	35.18	23.41	4.77	101.5	-.07	.15	.06	0.00	.06				.31		.39
50.	25.03	35.18	23.49	4.75	100.6	-.03	.16	.05	.01	.06				.34		.42
59.	24.42	35.24	23.72	4.75	99.5	.02	.17	.12	.01	.13				.51		.52
69.	23.74	35.33	23.99	4.56	94.4	.27	.20	.39	.07	.46				.86		.29
79.	23.21	35.44	24.23	4.47	91.7	.40	.22	.79	.12	.91	.58	.80	.94	58.		.22
90.	22.96	35.51	24.35	4.26	87.0	.64	.26	1.79	.09	1.88				.51		.19
99.	22.44	35.59	24.56	4.21	85.2	.73	.30	2.20	.07	2.27				.15		.15
124.	21.81	35.69	24.81	4.18	83.6	.82	.28	2.45	.03	2.48				.17		.17
150.	21.27	35.71	24.98	4.27	84.6	.78	.27	2.91	.03	2.94				.10		.23
200.	20.06	35.73	25.32	4.39	85.0	.78	.28	3.12	.03	3.15				.05		.20

CROISIERE: RCOB3A
STATION : 26
POSITION :21.15 S 167.48 E

DATE: 1 2 83
HEURE: 11 23

- 54 -

AIR= 267 240 VENT=113/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.								.05	.01	.06			.09		
25.								.07	.01	.08			.12		
37.								.08	.02	.10			.21		
50.								.06	.02	.08			.27		
60.								.08	.02	.10			.67		
70.								.15	.03	.18			1.23		
80.								.27	.05	.32			1.09		
90.							1.08	.11	1.19				.94		
100.							1.90	.11	2.01				.62		
125.							2.44	.06	2.58				.32		
150.							2.82	.04	2.86				.17		
200.							2.02	.07	2.09				.12		

CROISIERE: RCOB3A
STATION : 28
POSITION :21.13 S 167.48 E

DATE: 1 2 83
HEURE: 17 5

AIR= 260 259 VENT=158/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.25	35.15	23.09	4.75	102.9	-.13	.20	.03	.01	.04			.13		.17
22.	26.23	35.14	23.09	4.75	102.8	-.13	.20	.08	.02	.10			.17		.20
31.	25.70	35.14	23.25	4.78	102.5	-.12	.20	.08	.01	.09			.26		.48
40.	25.62	35.15	23.29	4.78	102.3	-.11	.20	.11	.02	.13			.32		.42
50.	25.19	35.16	23.42	4.80	102.0	-.09	.21	.11	.02	.13			.38		.23
60.	24.15	35.28	23.83	4.77	99.5	.02	.21	.11	.02	.13			.65		.17
70.	23.84	35.31	23.94	4.64	96.2	.18	.22	.23	.03	.26			.79		.12
80.	23.34	35.40	24.16	4.43	91.1	.43	.26	.94	.09	1.03			.75		.17
100.	22.54	35.57	24.52	4.24	86.0	.69	.34	2.17	.07	2.24			.30		.12
125.	21.86	35.67	24.78	4.14	82.9	.85	.37	2.83	.04	2.87			.15		.16
150.	21.15	35.70	25.00	4.26	84.2	.80	.39	3.14	.03	3.17			.09		.13
200.	19.88	35.68	25.33	4.35	83.9	.84	.38	3.02	.03	3.05			.04		.10

CROISIERE: RCOB3A
STATION : 31
POSITION :20.47 S 168.00 E

DATE: 2 2 83
HEURE: 4 27

AIR= 253 249 VENT=135/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.27	35.26	23.17	4.77	103.4	-.16	.16	.08	.01	.09	.23	.73	.59	76.	.16
30.	26.27	35.26	23.17	4.63	100.4	-.02	.16	.07	0.00	.07	.12	.38	.31	77.	.08
50.	25.64	35.37	23.44	4.85	104.0	-.19	.15	.10	0.00	.10	.25	.47	.48	65.	.10
59.	24.92	35.46	23.73	5.00	105.9	-.28	.14	.06	.01	.07	.17	.41	.38	71.	.11
59.	24.92	35.46	23.73	5.01	106.1	-.29	.14	.14	.02	.16	.15	.38	.34	72.	.24
69.	24.28	35.52	23.97	5.05	105.7	-.27	.13	.13	.01	.14	.23	.51	.48	68.	.21
80.	23.46	35.56	24.24	5.07	104.6	-.22	.13	.10	0.00	.10	.25	.43	.46	63.	.03
90.	23.27	35.57	24.31	4.97	102.1	-.10	.13	.09	.02	.11	.34	.66	.67	66.	.19
100.	22.73	35.59	24.48	4.87	99.1	.04	.15	.18	.07	.25	.64	.67	.97	51.	.06
125.	21.77	35.65	24.79	4.68	93.6	.32	.19	.79	.16	.95	.17	.75	.55	81.	.08
150.	21.40	35.70	24.94	4.30	85.4	.74	.30	2.72	.04	2.76	.02	.54	.29	96.	.08
200.	20.23	35.73	25.28	4.46	86.6	.69	.31	2.81	.03	2.84	.01	.37	.19	96.	.08

CROISIERE: RC083A

STATION : 34

POSITION :20.45 S 167.59 E

DATE: 2 2 83

HEURE: 11 45

- 55 -

AIR= 261 248

VENT=145/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.46	35.29	23.13					.06	.01	.07	.09	.16	.34	63.	
25.	26.33	35.28	23.16					.05	.01	.06	.14	.13	.42	49.	
42.	26.30	35.28	23.17					.12	.01	.13	.13	.16	.43	55.	
52.	26.17	35.25	23.19					.07	.01	.08	.16	.17	.49	51.	
61.	25.38	35.24	23.43					.04	.01	.05	.22	.14	.57	40.	
71.	24.52	35.33	23.76					.09	.02	.11	.30	.28	.88	49.	
81.	24.11	35.49	24.00					.07	.01	.08	.29	.17	.75	37.	
90.	23.68	35.52	24.15					.05	.01	.06	.30	.33	.93	52.	
100.	23.21	35.57	24.32					.10	.01	.11	.42	.47	1.31	53.	
125.	22.03	35.64	24.71					.40	.21	.61	.42	.33	1.18	44.	
150.	21.25	35.69	24.97					2.02	.04	2.06	.04	.22	.30	83.	
200.	19.91	35.74	25.37					2.93	.03	2.96	0.00	.11	.06	98.	

CROISIERE: RC083A

STATION : 36

POSITION :20.43 S 167.59 E

DATE: 2 2 83

HEURE: 18 8

AIR= 2589999

VENT=135/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.48	35.29	23.12	4.79	104.2	-.20	.17	.18	.01	.19	.11	.08	.30	42.	.26
20.	26.35	35.29	23.16	4.73	102.7	-.12	.18	.08	.01	.09	.12	.08	.31	39.	.41
35.	26.31	35.27	23.16	4.75	103.8	-.14	.17	.06	.01	.07	.13	.09	.35	41.	.37
48.	26.00	35.26	23.25	4.74	102.2	-.10	.15	.08	.02	.10	.13	.17	.44	57.	.28
57.	24.97	35.31	23.61	4.76	100.8	-.04	.16	.07	.01	.08	.16	.14	.46	47.	.24
64.	24.66	35.36	23.74	4.96	104.5	-.21	.16	.09	.01	.10	.23	.11	.56	33.	.50
72.	24.15	35.42	23.93	5.00	104.4	-.21	.16	.06	.01	.07	.33	.27	.93	45.	.11
82.	23.50	35.52	24.20	5.08	104.8	-.23	.16	.04	.02	.06	.53	.20	1.26	27.	.07
100.	22.69	35.62	24.51	5.06	102.9	-.14	.17	.06	.02	.08	.45	.25	1.15	36.	.19
125.	21.64	35.67	24.65	4.39	87.6	.62	.27	2.16	.05	2.21	.15	.34	.64	69.	.04
150.	21.12	35.71	25.02				.31	2.91	.04	2.95	.07	.13	.27	65.	.17
200.	20.13	35.74	25.31	4.52	87.6	.64	.32	2.85	.03	2.88	.03	.11	.17	79.	.11

CROISIERE: RC083A

STATION : 39

POSITION :20.08 S 168.05 E

DATE: 3 2 83

HEURE: 4 28

AIR= 259 248

VENT=135/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.84	35.20	22.94	4.76	104.2	-.19	.19	.06	.01	.07	.13	.04	.29	23.	.23
25.	26.85	35.20	22.94	4.72	103.4	-.15	.17	.12	.01	.13	.19	.04	.42	17.	.10
47.	26.65	35.19	22.99	4.77	104.1	-.19	.17	.11	.02	.13	.16	.11	.43	39.	.18
56.	25.59	35.26	23.38	4.95	106.0	-.28	.15	.12	.02	.14	.19	.09	.46	31.	.30
65.	24.88	35.27	23.60	5.01	105.9	-.28	.15	.18	.02	.20	.26	.25	.78	49.	.64
74.	24.21	35.32	23.84	5.03	105.0	-.24	.15	.14	.03	.17	.20	.12	.48	36.	.31
81.	24.11	35.33	23.88	5.04	105.1	-.24	.15	.07	.03	.18	.24	.14	.37	37.	.12
90.	23.68	35.36	24.03	4.98	103.0	-.15	.15	.05	.02	.07	.29	.11	.68	29.	.33
100.	23.18	35.40	24.20	4.98	102.1	-.10	.16	.03	.02	.05	.20	.20	.76	41.	.14
125.	22.19	35.58	24.62	4.67	94.1	.29	.21	.97	.14	1.11	.42	.39	1.23	48.	.19
150.	21.39	35.66	24.91	4.32	85.7	.72	.27	2.43	.05	2.48	.14	.25	.54	65.	.23
200.	20.15	35.72	25.29	4.44	86.1	.72	.31	2.94	.03	2.97	0.00	0.00	0.00	8.	.14

CROISIERE: RCO83A

STATION : 42

POSITION :20.12 S 168.07 E

DATE: 3 2 83

HEURE: 11 42

- 56 -

AIR= 263 245

VENT=135/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.83	35.20	22.94					.05	0.00	.05	.18	0.00	.31	0.	
24.	26.78	35.19	22.95					.11	0.00	.11	.19	.04	.42	17.	
47.	25.94	35.22	23.24					.07	.01	.08	.21	.05	.46	19.	
56.	25.05	35.24	23.53					.12	.01	.13	.22	.06	.49	21.	
65.	24.46	35.27	23.73					.06	.01	.07	.21	.08	.50	29.	
74.	24.04	35.31	23.88					.06	.01	.07	.31	.13	.75	30.	
82.	23.65	35.34	24.02					.07	.01	.08	.42	.09	.93	17.	
91.	23.17	35.38	24.19					.07	.01	.08	.50	.14	1.15	22.	
100.	22.69	35.47	24.40					.07	.05	.12	.48	.61	1.56	56.	
125.	21.81	35.60	24.75					.98	.07	1.05	.24	.40	.87	63.	
150.	20.95	35.66	25.03					1.63	.04	1.67	.06	.07	.19	52.	
200.	20.12	35.74	25.31					1.84	.03	1.87	0.00	.05	.04	98.	

CROISIERE: RCO83A

STATION : 44

POSITION :20.13 S 168.06 E

DATE: 3 2 83

HEURE: 10 8

AIR= 255 245

VENT=135/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.74	35.21	22.98	4.79	104.7	-.21	.18	.06	.01	.07	.15	.11	.41	40.	.26
25.	26.68	35.21	23.00	4.80	104.8	-.22	.18	.06	.01	.07	.14	.09	.37	37.	.15
40.	26.61	35.20	23.01	4.77	104.0	-.18	.16	.05	.01	.06	.16	.12	.45	44.	.36
50.	26.01	35.22	23.22	5.02	108.3	-.38	.16	.07	.01	.08	.22	.12	.57	37.	.17
60.	24.68	35.24	23.64	5.07	106.8	-.32	.16	.09	.02	.11	.23	.14	.59	38.	.36
70.	23.98	35.27	23.87	5.05	105.0	-.24	.16	.09	.01	.10	.44	.14	1.02	25.	.15
80.	23.43	35.35	24.09	5.00	102.9	-.14	.16	.08	.01	.09	.61	.22	1.45	27.	.15
90.	23.11	35.42	24.24	4.91	100.5	-.03	.18	.09	.02	.11	.37	.31	1.04	45.	.24
100.	22.80	35.48	24.37	4.77	97.1	.14	.20	.08	.01	.09	.42	.60	1.45	59.	.15
125.	22.04	35.58	24.67	4.45	89.4	.53	.24	1.03	.13	1.16	.26	.58	1.09	69.	.19
150.	21.22	35.63	24.93	4.44	87.8	.62	.28	2.02	.05	2.07	.09	.34	.51	78.	.20
200.	20.13	35.69	25.27	4.37	84.7	.79	.35	3.03	.03	3.06	.02	.12	.15	82.	.24

CROISIERE: RCO83A

STATION : 47

POSITION :21.01 S 168.17 E

DATE: 4 2 83

HEURE: 7 5

AIR= 263 254

VENT=135/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.41	35.25	23.11				.16	.18	.01	.19	.13	.07	.34	36.	.14
25.	26.42	35.26	23.12				.16	.09	.01	.10	.07	.09	.22	54.	.17
40.	26.43	35.26	23.12				.15	.05	.02	.07	.09	.09	.27	50.	.15
50.	25.23	35.26	23.49				.14	.12	.02	.14	.11	.08	.30	41.	.10
60.	24.09	35.30	23.86				.13	.12	.02	.14	.03	.14	.20	80.	.14
70.	23.70	35.32	23.99				.14	.08	.03	.11	.10	.07	.28	44.	.36
80.	23.14	35.35	24.18				.14	.08	.03	.11	.11	.09	.30	47.	.09
90.	22.62	35.43	24.39				.15	.08	.03	.11	.16	.07	.40	30.	.19
100.	22.45	35.49	24.48				.16	.06	.05	.11	.21	.25	.67	55.	.09
125.	21.86	35.59	24.72				.20	1.53	.10	1.63	.09	.20	.37	68.	.09
151.	21.20	35.67	24.97				.22	2.23	.07	2.30	.05	.10	.20	69.	.09
200.	20.16	35.70	25.27				.24	3.09	.05	3.14	.02	.09	.14	84.	.12

CROISIERE: RC083A

DATE: 4 2 83

STATION : 48

HEURE: 11 5

POSITION :21.22 S 168.05 E

- 57 -

AIR= 262 248

VENT=135/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.28	35.24	23.15				.19	.01	0.00	.01	.09	.18	.28	51.	.02
25.	26.16	35.25	23.19				.19	.03	0.00	.03	.12	.09	.32	41.	.07
40.	25.52	35.29	23.42				.19	.03	0.00	.03	.17	.12	.46	42.	.03
50.	24.87	35.44	23.73				.17	.03	.01	.04	.17	.12	.46	42.	.02
60.	24.58	35.48	23.85				.18	0.00	.01	.01	.18	.13	.49	43.	0.00
70.	23.89	35.48	24.06				.18	.22	.03	.25	.29	.17	.75	37.	.10
80.	23.29	35.52	24.26				.19	.53	.06	.59	.29	.19	.77	39.	.02
90.	23.30	35.57	24.30				.19	.26	.04	.30	.22	.17	.60	43.	0.00
100.	23.04	35.56	24.37				.18		.03		.13	.17	.44	57.	.05
125.	21.83	35.65	24.78				.22	.56	.12	.68	.15	.16	.46	52.	0.00
150.	21.19	35.68	24.98				.28	2.07	.03	2.10	.04	.18	.17	69.	0.00
200.	20.33	35.69	25.22				.32	2.96	.03	2.99	.01	.06	.08	92.	.02

CROISIERE: RC083A

DATE: 4 2 83

STATION : 49

HEURE: 12 40

POSITION :21.25 S 168.03 E

AIR= 263 247

VENT=135/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.20	35.19	23.14				.28	.08	.02	.10	.08	.06	.22	45.	.07
25.	26.17	35.23	23.17				.29	.10	.02	.12	.10	.09	.29	45.	.05
40.	25.76	35.25	23.32				.29	.10	.02	.12	.20	.11	.51	37.	.03
50.	24.03	35.27	23.06				.42	.19	.05	.24	.42	.33	1.18	44.	.05
60.	23.59	35.40	24.08				.37	.15	.04	.19	.39	.28	1.07	41.	.05
70.	23.57	35.44	24.12				.32	.51	.07	.58	.27	.25	.90	48.	.03
80.	23.51	35.44	24.14				.34	.77	.09	.86	.24	.23	.70	50.	.07
90.	23.13	35.47	24.27				.37	1.35	.11	1.46	.03	.31	.37	90.	.05
100.	22.59	35.54	24.48				.40	1.65	.09	1.74	.05	.29	.39	85.	.05
125.	22.12	35.61	24.67				.42	2.10	.06	2.16	.04	.18	.25	80.	.05
150.	21.48	35.67	24.89				.46	2.78	.05	2.83	0.00	.12	.10	98.	.07
200.	20.54	35.71	25.18				.47	3.52	.05	3.57	0.00	.11	.09	98.	.10

CROISIERE: RC083A

DATE: 4 2 83

STATION : 50

HEURE: 15 24

POSITION :21.33 S 168.09 E

AIR= 2609999

VENT=140/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.41	35.24	23.11				.12	.05	.01	.06	.08	.16	.32	66.	.07
25.	26.34	35.23	23.12				.11	.05	.01	.06	.10	.04	.23	25.	.03
40.	26.30	35.23	23.13				.11	.03	.01	.04	.13	.03	.29	17.	.02
50.	25.35	35.36	23.53				.11	.05	.01	.06	.17	.06	.40	28.	.05
60.	24.18	35.50	23.99				.11	.05	.01	.06	.19	.11	.49	38.	.03
70.	23.72	35.54	24.15				.11	.05	.02	.07	.19	.13	.51	41.	.09
80.	23.27	35.55	24.29				.12	.22	.03	.25	.28	.16	.72	36.	.03
90.	22.78	35.56	24.44				.14	.47	.06	.53	.23	.20	.65	46.	.05
100.	22.28	35.58	24.62				.17	1.06	.09	1.15	.23	.05	.50	17.	.03
125.	21.63	35.63	24.82				.20	1.78	.08	1.86	.09	.11	.38	54.	.03
150.	20.56	35.71	25.17				.26	2.78	.05	2.83	0.00	.05	.04	98.	.09
200.	19.48	35.67	25.43				.34	3.82	.03	3.85	0.00	0.00	0.00	0.	.07

CROISIERE: RC083A

STATION : 51

POSITION :21.34 S 168.14 E

DATE: 4 2 83

HEURE: 16 57

- 58 -

AIR= 2609999

VENT=140/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.36	35.21	23.10				.13	.04	.02	.06	.08	.03	.18	25.	.07
25.	26.34	35.21	19.58				.11	.04	.02	.06	.08	.02	.17	20.	.07
40.	26.32	35.20	19.58				.10	.05	.02	.07	.06	.07	.19	56.	.02
50.	26.27	35.21	19.61				.11	.08	.02	.10	.09	.04	.22	28.	.02
60.	25.31	35.22	19.99				.11	.06	.02	.08	.11	.04	.25	24.	.03
70.	24.16	35.34	23.87				.10	.06	.02	.08	.13	.09	.35	41.	.02
80.	23.95	35.44	24.01				.10	.02	.02	.04	.12	.17	.42	58.	.02
90.	23.42	35.54	24.24				.10	.07	.02	.09	.13	.16	.43	55.	.02
100.	22.89	35.57	24.42				.11	.09	.02	.11	.12	.21	.45	65.	0.00
125.	22.21	35.63	24.66				.11	.06	.13	.19	.16	.18	.58	52.	.02
150.	21.20	35.68	24.97				.14	.64	.12	.76	.07	.11	.24	62.	.02
200.	20.11	35.78	25.35				.21	2.07	.04	2.13	.03	.05	.10	61.	0.00

CROISIERE: RC083A

STATION : 52

POSITION :21.34 S 168.36 E

DATE: 4 2 83

HEURE: 19 52

AIR= 2559999

VENT=110/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.39	35.15	23.05				.09	.08	.01	.09	.11	.10	.31	50.	.02
25.	26.39	35.15	23.05				.11	.06	.01	.07	.10	.16	.36	61.	.03
40.	26.39	35.15	23.05				.08	.05	.01	.06	.10	.03	.23	24.	.03
50.	25.75	35.11	23.22				.07	.09	0.00	.09	.17	.07	.42	28.	.02
60.	23.96	35.29	23.89				.07	.06	0.00	.06	.14	.09	.36	37.	.02
70.	23.62	35.33	24.02				.07	.08	.01	.09	.13	.13	.40	50.	.02
80.	23.43	35.43	24.27				.08	.07	.02	.09	.23	.22	.68	50.	.02
90.	22.70	35.50	24.42				.09	.09	.06	.15	.22	.20	.63	47.	.03
100.	22.52	35.54	24.50				.13	.96	.16	1.12	.16	.21	.54	58.	.02
125.	21.89	35.64	24.75				.15	1.75	.04	1.79	.09	.09	.28	50.	.02
150.	21.29	35.68	24.95				.16	2.22	.03	2.25	.04	.05	.14	59.	.02
200.	20.34	35.73	25.25				.20	2.84	.02	2.86	0.00	0.00	0.00	0.	.02

CROISIERE: RC083A

STATION : 53

POSITION :22.02 S 168.18 E

DATE: 5 2 83

HEURE: 0 48

AIR= 2519999

VENT=130/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.53	35.16	23.01				.20	.16	.01	.17	.05	.05	.15	50.	.66
25.	26.51	35.18	23.03				.17	.04	0.00	.04	.06	.05	.16	41.	.07
40.	26.10	35.20	23.17				.17	.03	0.00	.03	.07	.05	.18	41.	.30
50.	24.76	35.23	23.61				.16	.05	.01	.06	.12	.03	.27	19.	.12
60.	24.20	35.28	23.81				.15	.05	.01	.06	.08	.03	.20	29.	.18
70.	23.80	35.34	23.98				.14	.02	.01	.03	.09	.04	.23	32.	.50
80.	23.26	35.41	24.19				.14	.02	.01	.03	.11	.05	.27	30.	.17
90.	23.12	35.45	24.26				.15	.03	.01	.04	.12	.09	.34	45.	.12
100.	22.94	35.46	24.32				.15	.08	.01	.09	.14	.12	.40	47.	.15
125.	22.40	35.54	24.53				.16	.66	.03	.14	.12	.16	.41	57.	.05
150.	21.68	35.63	24.80				.25	1.77	.66	1.83	.07	.11	.24	62.	.26
200.	20.72	35.71	25.13				.26	2.06	.03	2.09	.03	.05	.11	68.	.36

CROISIERE: RC083A

DATE: 5 2 83

STATION : 54

HEURE: 3 45

POSITION :21.45 S 168.07 E

- 59 -

AIR= 2539999

VENT=130/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.28	35.22	23.13				.19	.05	.01	.06	.10	.08	.28	44.	.07
25.	26.20	35.23	23.17				.19	.02	.01	.03	.11	0.00	.22	0.	.05
40.	25.70	35.24	23.33				.19	.01	.01	.02	.17	.02	.35	11.	.03
50.	25.28	35.32	23.52				.19	.01	.01	.02	.22	.05	.48	18.	.15
60.	24.58	35.41	23.80				.19	.03	.01	.04	.11	.20	.43	64.	.15
70.	24.15	35.47	23.97				.19	.01	.01	.02	.17	.04	.38	19.	.12
80.	23.76	35.51	24.12				.18	.02	.01	.03	.18	.07	.43	29.	.07
90.	23.08	35.58	24.37				.18	.04	.01	.05	.11	.33	.54	74.	.07
100.	22.59	35.62	24.54				.19	.05	.04	.09	.13	.12	.39	50.	.10
125.	21.99	35.64	24.73				.21	.24	.12	.36	.12	.10	.34	47.	.08
150.	21.18	35.70	25.00				.26	1.39	.05	1.44	.07	.05	.20	45.	.08
200.	20.47	35.74	25.22								.04	.01	.10	20.	

CROISIERE: RC083A

DATE: 5 2 83

STATION : 55

HEURE: 5 10

POSITION :21.41 S 168.04 E

AIR= 2599999

VENT=125/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.98	35.26	23.26				.22	.06	.01	.07	.09	.02	.21	18.	.13
25.	25.78	35.27	23.33				.21	.01	0.00	.01	.13	.01	.27	9.	.06
40.	25.23	35.32	23.53				.21	.02	.01	.03	.15	.06	.35	30.	.16
50.	24.83	35.32	23.66				.21	.10	.01	.11	.16	.07	.39	29.	.27
60.	23.95	35.36	23.95				.21	.19	.02	.21	.22	.18	.61	45.	.19
70.	23.07	35.49	24.30				.21	.33	.04	.42	.19	.18	.56	48.	.19
80.	22.81	35.53	24.41				.22	.53	.06	.59	.21	.10	.51	31.	.06
90.	22.51	35.56	24.52				.24	.67	.03	.75	.14	.13	.42	49.	.16
100.	22.29	35.59	24.60				.24	.77	.11	.88	.12	.12	.37	50.	.06
125.	21.80	35.61	24.76				.26	1.24	.06	1.30	.11	.06	.28	37.	.06
150.	21.31	35.66	24.93				.29	1.84	.06	1.90	.06	.06	.17	50.	.11
200.	20.65	35.68	25.12				.31	2.56	.03	2.59	.03	.02	.08	41.	.28

CROISIERE: RC083A

DATE: 5 2 83

STATION : 56

HEURE: 7 0

POSITION :21.39 S 167.55 E

AIR= 2609999

VENT=130/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.92	35.24	23.26				.18	.04	0.00	.04	.10	.02	.22	17.	.05
25.	25.83	35.28	23.32				.19	.03	0.00	.03	.11	0.00	.20	0.	.08
40.	25.57	35.27	23.39				.18	.04	0.00	.04	.12	.01	.24	4.	.16
50.	25.41	35.28	23.45				.17	.07	.01	.10	.11	0.00	.23	0.	.11
60.	25.39	35.28	23.45				.16	.03	.01	.04	.14	0.00	.27	0.	.09
70.	25.31	35.28	23.48				.18	.01	.01	.02	.15	.02	.32	14.	.09
80.	24.85	35.28	23.62				.18	.02	.01	.03	.22	.05	.48	18.	.05
90.	24.02	35.36	23.93				.19	.05	.01	.06	.28	.07	.63	19.	.13
100.	23.43	35.44	24.16				.21	.32	.03	.35	.28	.07	.63	19.	.08
125.	22.54	35.58	24.52				.24	1.11	.11	1.22	.19	.06	.44	23.	.08
150.	21.76	35.65	24.80				.30	2.58	.04	2.62	.04	.01	.08	14.	.05
200.	20.19	35.70	25.26				.35	3.70	.02	3.72	0.00	0.00	0.00	98.	.20

CROISIERE: RC083A

STATION : 57

POSITION :21.44 S 167.57 E

DATE: 5 2 83

HEURE: 18 4

- 60 -

AIR= 263 242

VENT=120/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	NO3	NO2	NO23	ChIa	PHA	CHLA	ZPHA	NH4
0.	26.00	35.29	23.27				.18	.06	0.00	.06	.01	.03	.06	73.	.02
25.	25.65	35.30	23.33				.18	.04	0.00	.04	.06	0.00	.11	0.	.05
40.	25.83	35.31	23.34				.18	.04	0.00	.04	.07	0.00	.12	0.	.09
50.	25.82	35.31	23.34				.17	.01	0.00	.01	.08	0.00	.14	0.	.02
60.	25.73	35.31	23.37				.17	.06	0.00	.06	.07	.01	.14	17.	.13
70.	24.62	35.43	23.88				.18	.03	.01	.04	.11	.02	.24	19.	.09
80.	24.03	35.58	24.03				.17	.01	0.00	.01	.16	.12	.43	44.	.11
90.	23.16	35.53	24.31				.19	.05	.01	.06	.19	.03	.42	14.	.03
100.	22.69	35.56	24.47				.20	.11	.03	.14	.24	.17	.66	41.	.06
125.	21.90	35.65	24.76				.23	.81	.15	.96	.14	.06	.33	28.	.06
150.	21.20	35.67	24.97				.29	2.09	.04	2.13	.03	.02	.08	36.	.11
200.	20.06	35.69	25.29				.35	3.49	.02	3.51	0.00	0.00	0.00	0.	.05

CROISIERE: RC083A

STATION : 58

POSITION :22.03 S 167.40 E

DATE: 5 2 83

HEURE: 12 55

AIR= 263 242

VENT=120/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	NO3	NO2	NO23	ChIa	PHA	CHLA	ZPHA	NH4
0.	26.24	35.17	23.11				.22	.08	0.00	.08	0.00	.04	.05	98.	.13
25.	26.10	35.21	23.18				.22	.10	0.00	.10	.07	.01	.14	17.	.29
40.	26.11	35.15	23.13				.20	.05	0.00	.05	.07	0.00	.12	0.	.11
50.	24.71	35.22	23.62				.19	.62	.02	.64	.08	0.00	.14	0.	.16
60.	24.39	35.27	23.75				.18	.28	.01	.29	.09	.04	.22	33.	.10
70.	23.87	35.32	23.94				.21	.13	.01	.14	.12	.04	.29	27.	.03
80.	23.52	35.42	24.12				.26	.93	.12	1.05	.41	.15	.97	27.	.02
90.	23.22	35.47	24.25				.28	1.78	.13	1.91	.20	.16	.56	44.	.16
100.	22.86	35.53	24.40				.33	2.37	.08	2.45	.11	.17	.38	61.	.05
125.	22.41	35.63	24.68				.32	2.48	.05	2.53	.08	.11	.27	60.	.03
150.	21.74	35.67	24.82				.33	2.31	.04	2.35	.06	.01	.13	21.	.19
200.	20.56	35.71	25.17				.32	2.47	.06	2.53	.05	.04	.14	40.	.05

CROISIERE: RC083A

STATION : 59

POSITION :21.45 S 167.24 E

DATE: 5 2 83

HEURE: 15 50

AIR= 2609999

VENT=120/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	NO3	NO2	NO23	ChIa	PHA	CHLA	ZPHA	NH4
0.	26.26	35.15	23.09				.29	.03	0.00	.03	0.00	.06	.03	98.	.10
25.	26.03	35.15	23.16				.46	.19	.01	.20	.04	.01	.08	14.	.18
40.	25.94	35.14	23.18				.27	.05	0.00	.05	.62	.02	.06	58.	.16
50.	25.17	35.16	23.43				.24	.04	0.00	.04	.06	0.00	.11	0.	.11
60.	24.53	35.21	23.66				.28	.14	.01	.15	.07	0.00	.13	0.	.19
70.	24.28	35.25	23.77				.42	.10	.01	.11	.06	.03	.14	38.	.30
80.	24.08	35.28	23.85				.26	.07	.01	.08	.08	.05	.22	38.	.22
90.	23.83	35.31	23.95				.23	.07	.01	.08	.09	.10	.29	52.	.13
100.	23.22	35.42	24.21				.28	.17	.06	.23	.25	.23	.72	48.	.34
125.	22.41	35.58	24.56				.32	1.85	.05	1.90	.09	.09	.27	50.	.05
150.	21.88	35.66	24.77				.37	2.81	.04	2.85	0.00	.04	.04	98.	0.00
200.	20.21	35.73	25.28				.36	3.04	.02	3.06	0.00	0.00	0.00	0.	.13

CROISIERE: RCOB3A
STATION : 60
POSITION :21.33 S 167.46 E

DATE: 5 2 83
HEURE: 18 55

- 61 -

AIR= 2569999 VENT=120/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	STGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.18	35.25	23.19				.34	.09	.01	.10	.07	.12	.26	61.	.25
25.	26.17	35.29	23.22				.30	.07	.01	.08	.03	.11	.27	60.	.14
40.	26.07	35.27	23.24				.24	.06	.01	.07	.07	.11	.25	59.	.15
50.	25.46	35.29	23.44				.26	.09	.03	.12	.09	.12	.30	58.	.26
60.	23.97	35.31	23.91				.23	.11	.01	.12	.09	.12	.29	55.	.08
70.	23.48	35.39	24.13				.46	.07	.02	.09	.15	.22	.53	61.	.30
80.	23.08	35.44	24.26				.28	.32	.09	.41	.35	.33	1.02	48.	.11
90.	22.61	35.55	24.48				.32	1.31	.17	1.48	.16	.33	.65	67.	.11
100.	22.46	35.58	24.55				.31	1.52	.14	1.66	.10	.30	.49	75.	.15
125.	21.76	35.63	24.78				.39	2.63	.05	2.68	.04	.15	.24	81.	.07
150.	21.11	35.71	25.02				.41	3.26	.04	3.30	0.00	.10	.10	98.	.05
200.	19.80	35.70	25.37				.49	4.21	.03	4.24	0.00	.09	.06	98.	.05

CROISIERE: RCOB3A
STATION : 61
POSITION :21.34 S 167.50 E

DATE: 5 2 83
HEURE: 20 15

AIR= 247 238 VENT=110/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	STGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.11	35.17	23.15				.22	.06	.01	.07	.02	.11	.14	82.	.35
25.	26.04	35.18	23.18				.22	.03	.01	.04	.05	.12	.22	70.	.32
40.	25.83	35.23	23.28				.27	.03	.01	.04	.05	.11	.21	69.	.92
50.	25.65	35.24	23.34				.26	.05	.01	.06	.09	.18	.35	66.	.95
60.	25.42	35.25	23.42				.27	.07	.02	.09	.14	.13	.42	49.	.73
70.	23.58	35.34	24.04				.30	.45	.04	.49	.27	.20	.74	42.	.76
80.	22.94	35.48	24.33				.31	1.10	.07	1.17	.17	.20	.54	53.	.57
90.	22.57	35.54	24.49				.32	1.49	.08	1.57	.11	.22	.43	65.	.55
100.	22.32	35.58	24.59				.32	1.95	.07	2.02	.11	.14	.35	56.	.26
125.	21.70	35.66	24.82				.47	2.77	.05	2.82	.04	.10	.17	69.	1.15
150.	20.96	35.72	25.07				.46	3.49	.03	3.52	0.00	.10	.10	98.	.64
200.	19.74	35.67	25.36				.42	3.84	.03	3.87	0.00	.09	.08	98.	.27

CROISIERE: RCOB3A
STATION : 1001
POSITION :21.20 S 167.52 E

DATE: 29 1 83
HEURE: 5 45

AIR= 2529999 VENT=140/ 9 FOND= 9999 NP= 12

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUM	ZPHA	NH4
0.	.64	.05	.02	.07	.30	.15	.74	1.000	1.67	.446	6.93	444.	.37	3032.	34.	
25.	.04	.09	.03	.12	.20	.17	1.22	.200	1.86	.354	9.68	0.	.20		47.	
50.	.04	.08	.03	.11	.19	.30	.79	.057	5.11	.396	5.91	185.	.33		62.	
60.	.05	.05	.03	.08	.17	.27	.81	.033	1.25	.442	7.32	37.	.29		61.	
70.	.15	.10	.04	.14	.16	.32	1.34	.020	1.02	.500	10.28	37.	.31		66.	
80.	.08	.13	.03	.16	.24	.30	.60	.011	1.02	.564	5.08	37.	.38		55.	
125.	.20	2.17	.07	2.24	.10	.45	.46	.002	.05	.334	3.82	0.	.30		82.	
200.	.25	3.59	.04	3.63	0.06	.14	1.08	.001	0.06	.388	8.63	74.	.06		98.	

CROISIERE: RCO83A
STATION : 2001
POSITION :21.24 S 167.52 E

DATE: 29 1 83
HEURE: 5 45

- 62 -

AIR= 2529999 VENT=140/ 9 FOND= 9999 NP= 8

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUM	ZPHA	NH4
0.	.04	.05	.02	.07	.13	.17	.81	1.000		.520	8.87	444.	.21	3032.	57.	
25.	.04	.09	.03	.12	.13	.17	.79	.200		.485	7.50	0.	.21		57.	
50.	.04	.08	.03	.11	.15	.19	.94	.057		.381	9.06	185.	.24		56.	
60.	.05	.05	.03	.08	.22	.14	.95	.033		.539	8.34	37.	.28		40.	
70.	.15	.10	.04	.14	.15	.22	1.03	.020		.451	8.12	37.	.25		59.	
80.	.08	.13	.03	.16	.22	.30	.85	.011		.415	7.54	37.	.36		58.	
125.	.28	2.17	.07	2.24	.10	.46	.79	.002		.311	7.39	0.	.31		82.	
200.	.25	3.59	.04	3.63	.03	.38	1.04	.001		.234	9.04	74.	.20		92.	

CROISIERE: RCO83A
STATION : 2009
POSITION :21.20 S 167.51 E

DATE: 30 1 83
HEURE: 5 30

AIR=99999999 VENT=140/ 4 FOND= 9999 NP= 8

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUM	ZPHA	NH4
0.	.19	.04	.03	.07	.11	.21	.65	1.000	8.21	.392	6.44	74.	.21	2362.	66.	.40
20.	.19	.06	.03	.09	.15	.19	1.39	.200	1.31	.419	11.41	0.	.24		56.	.24
50.	.19	.06	.03	.09	.34	.43	1.34	.057	.71	.552	11.90	296.	.54		55.	.21
60.	.20	.10	.05	.15	.50	.65	1.32	.033	1.04	.490	13.84	74.	.80		57.	.23
70.	.20	.91	.15	1.06	.31	.70	1.40	.020	.13	.382	11.17	0.	.63		69.	.34
90.	.23	1.49	.07	1.56	.15	.34	.97	.065	.13	.322	6.76	111.	.30		69.	.27
120.	.26	2.04	.06	2.10	.07	.20	.90	.002	0.00	.221	6.73	148.	.16		74.	.29
200.	.28	2.90	.05	2.95	0.00	.18	1.11	.001	.99	.487	8.03	0.	.08		98.	.37

CROISIERE: RCO83A
STATION : 1014
POSITION :21.24 S 167.50 E

DATE: 31 1 83
HEURE: 5 20

AIR= 2409999 VENT=158/ 2 FOND= 9999 NP= 8

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUM	ZPHA	NH4
0.	.17	.01	.02	.03	.21	.30	.99	1.000	2.97	.497	6.68	37.	.34	2788.	59.	.10
20.	.17	.10	.03	.13	.21	.23	.96	.200	2.54	.459	6.60	0.	.31		52.	.11
40.	.16	.15	.03	.18	.25	.26	.85	.085		.667	6.21	74.	.37		50.	.43
50.	.19	.39	.07	.46	.49	.61	.67	.057	1.69	.542	6.45	148.	.77		56.	.13
60.	.20	1.06	.10	1.16	.31	.75	.86	.033	.57	.554	6.78	37.	.66		71.	.22
70.	.22	1.35	.10	1.45	.26	.49	.76	.020	.06	.383	5.37	37.	.48		65.	.17
120.	.23	2.39	.06	2.45	.05	.32	.88	.002	0.00	.306	5.57	37.	.20		87.	.14
200.	.23	3.30	.04	3.34	0.00	.11	.58	.001	.44	.517	4.35	74.	.03		98.	.30

CROISIERE: RC083A
STATION : 2623
POSITION : 21.16 S 167.49 E

DATE: 1 2 83
HEURE: 5 25

- 63 -

AIR= 2429999 VENT=135/ 4 FOND= 9999 NP= 9

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUM	ZPHA	NH4
0.	.16	.02	.01	.03	.13	.14	.02	1.000	1.82	.435	5.44	37.	.19	3006.	52.	.18
20.	.14	.06	.01	.07	.12	.12	1.82	.200	2.40	.888	11.42	37.	.18		51.	.35
40.	.14	.07	.02	.09	.24	.22	.78	.085	2.57	.517	5.45	74.	.34		47.	.19
60.	.15	.10	.02	.12	.31	.40	.85	.033	1.95	.455	5.61	259.	.55		57.	.19
70.	.16	.38	.08	.46	.42	.81	1.46	.020	1.51	.278	8.83	185.	.78		66.	.28
80.	.18	.42	.07	.49	.43	.81	1.28	.011	1.81	.253	8.59	74.	.86		66.	.14
100.	.22	2.01	.04	2.05	.08	.32	.94	.002		.280	6.19	148.	.22		79.	.13
120.	.19	2.31	.63	2.34	.05	.21	.95	.001	.62	.475	6.99	148.	.15		83.	.17
200.	.19	3.35	.02	3.37	0.00	.10	.72		1.56	.355	6.65	37.	.04		98.	.16

CROISIERE: RC083A
STATION : 2631
POSITION : 20.47 S 168.00 E

DATE: 2 2 83
HEURE: 5 30

AIR= 253 249 VENT=135/ 2 FOND= 9999 NP= 8

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUM	ZPHA	NH4
0.	.18	.10	.02	.12	.14	.27	.69	1.000		.380	5.65	111.	.56	3650.	66.	.53
20.	.17	.10	.02	.12	.12	.14	.90	.200	1.24	.363	6.72	111.	.39		55.	.26
50.	.15	.09	.02	.11	.15	.22	.76	.057	1.62	.390	6.33	111.	.53		61.	.19
60.	.13	.05	.03	.08	.18	.20	.90	.033	2.02	.444	7.70	0.	.52		53.	.19
70.	.12	.07	.02	.09	.22	.24	1.12	.020	.92	.649	9.65	222.	.67		51.	.13
90.	.14	.03	.03	.06	.45	.52	.74	.005	.92	.451	5.97	222.	1.42		54.	.19
120.	.15	.73	.08	.81	.28	.50	.78	.001	.85	.352	8.05	222.	1.07		64.	.18
200.	.16	2.66	.05	2.11	0.60	.21	.90	.002	.16	.453	7.67	0.	.20		98.	.11

CROISIERE: RC083A
STATION : 2039
POSITION : 20.08 S 168.05 E

DATE: 3 2 83
HEURE: 5 20

AIR= 262 237 VENT=135/ 3 FOND= 9999 NP= 9

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUM	ZPHA	NH4
0.	.18	.02	.01	.03	.18	0.00	1.26	1.000	3.51	.454	9.47	74.	.34	3375.	0.	.07
20.	.18	.05	.03	.08	.17	0.00	1.49	.200	4.63	.439	10.19	148.	.32		0.	.02
40.	.19	.01	.02	.03	.18	0.00	1.11	.085	6.61	.183	7.96	74.	.36		0.	.02
60.	.18	.06	.02	.08	.19	.04	1.45	.033	3.10	.368	11.07	148.	.42		17.	.07
70.	.19	.03	.02	.05	.20	.08	.89	.020	3.25	.516	6.47	74.	.47		27.	.02
80.	.19	.01	.02	.03	.24	.09	.79	.011	0.00	.553	6.43	111.	.56		29.	.02
100.	.20	.02	.03	.05	.32	.20	.78	.002	2.13	.429	6.52	259.	.83		38.	.09
120.	.25	.01	.03	.04	.45	.39	.62	.001	3.37	.353	5.48	37.	1.28		48.	.23
200.	.24	1.86	.04	1.90	0.00	0.00	.66			.420	5.32	259.				.02

PREFIL 5

(RCO 83 B.)

du 13 au 25 Avril 1983

Description de la croisière

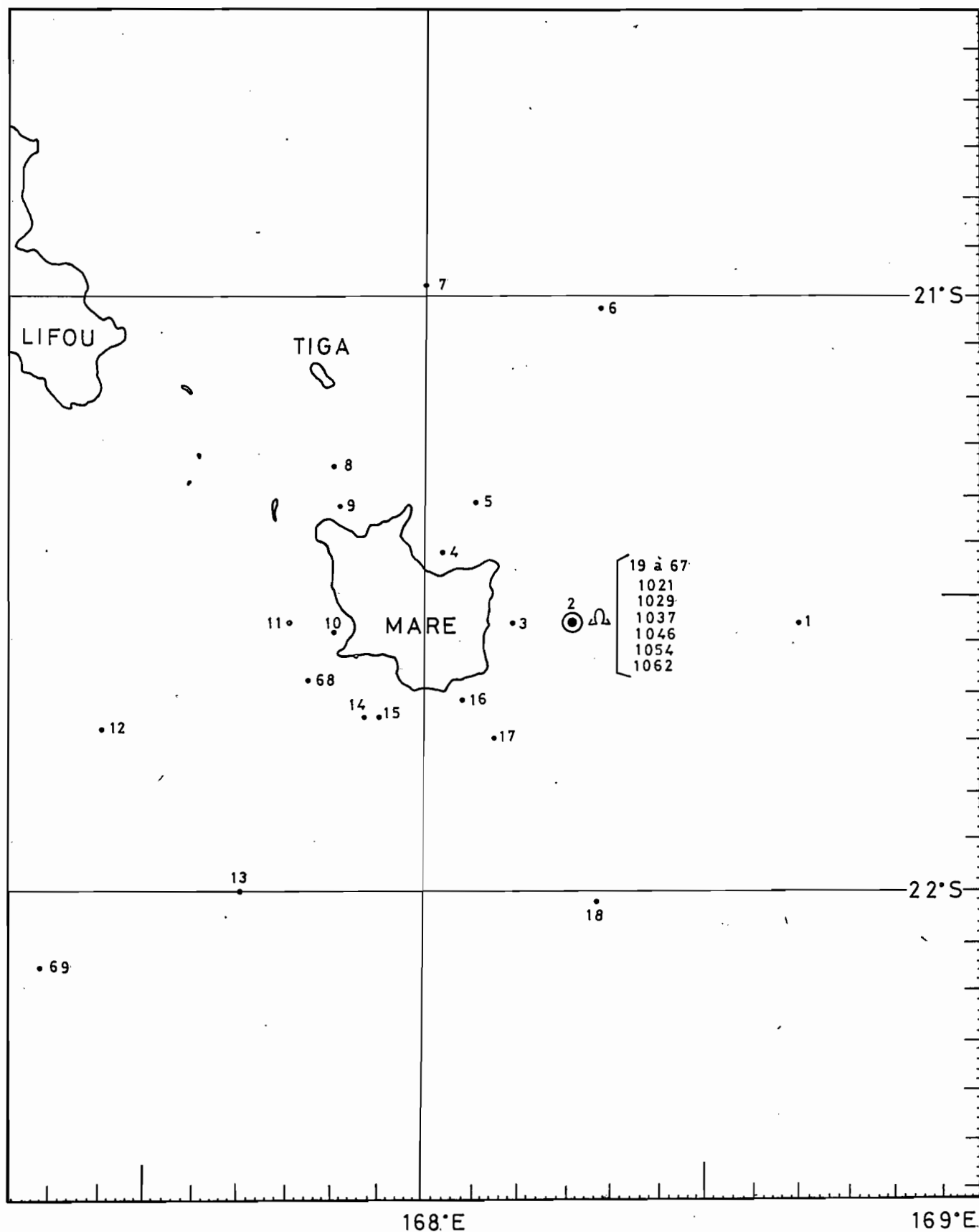
- 69 stations sonde STD.
- 6 radiales de 3 stations chacune (1 à 18).
- 1 point fixe (Ω5) :

19 à 67 + 1021 - 1029 - 1037 - 1046 - 1054 - 1062.

Remarques :

- CHN : filtres Ag 0.8μm.
- Filtrations sur GF/F. *de quoi ?*
- Tamisage sur 50μm.

PREFIL 5



CROISIERE: RCO83B
STATION : 1
POSITION :21.33 S 168.39 E

DATE: 16 4 83
HEURE: 5 55

- 66 -

AIR=99999999 VENT=44/44 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	27.16	35.28	22.90				.16	.08	0.40	.08	.29	.01	.36	3.	
25.	27.15	35.28	22.90				.19	.07	.01	.08	.12	.10	.17	46.	
40.	27.09	35.29	22.93				.21	.05	.01	.06	.23	.10	.20	31.	
45.	26.89	35.27	22.98				.21	.13	.03	.16	.28	.07	.31	20.	
50.	26.22	35.29	23.20				.21	.06	.01	.07	.28	.10	.33	27.	
58.	25.46	35.35	23.49				.23	.08	.01	.09	.37	.12	.43	24.	
68.	25.04	35.41	23.66				.22	.05	.01	.06	.32	.23	.44	41.	
80.	24.24	35.42	23.91				.25	.05	.01	.06	.45	.28	.59	38.	
100.	23.46	35.57	24.25				.30	.05	.18	1.03	.26	.17	.34	39.	
125.	22.57	35.69	24.60				.38	2.38	.06	2.44	.12	.18	.21	61.	
150.	21.92	35.75	24.83				.46	3.02	.05	3.07	.05	.12	.10	72.	
200.	20.55	35.74	25.20				.44	3.57	.03	3.60	0.00	.05	.02	98.	

CROISIERE: RCO83B
STATION : 2
POSITION :21.33 S 168.15 E

DATE: 16 4 83
HEURE: 9 7

AIR= 2689999 VENT= 45/ 7 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	27.13	35.26	22.89				.14	.11	.01	.12	.21	.11	.27	35.	
25.	27.09	35.26	22.91				.13	.07	.01	.08	.20	.11	.25	36.	
50.	25.90	35.32	23.33				.14	.10	.01	.11	.39	.23	.51	37.	
60.	25.21	35.33	23.55				.16	.09	.02	.11	.39	.22	.50	36.	
70.	24.64	35.37	23.75				.16	.10	.01	.11	.46	.30	.61	40.	
80.	24.00	35.41	23.97				.19	.07	.04	.11	.30	.17	.39	37.	
90.	23.26	35.49	24.25				.21	.15	.17	.32	.21	.26	.34	56.	
100.	23.04	35.51	24.33				.24	.49	.18	.67	.16	.29	.30	65.	
110.	22.76	35.57	24.45				.23	.64	.16	.80	.16	.19	.25	55.	
125.	22.34	35.59	24.59				.30	1.60	.07	1.67	.11	.09	.16	45.	
150.	21.63	35.70	24.87				.33	2.23	.04	2.27	.05	.13	.11	73.	
200.	19.98	35.73	25.34				.42	4.07	.03	4.10	.01	.04	.03	88.	

CROISIERE: RCO83B
STATION : 3
POSITION :21.33 S 168.09 E

DATE: 16 4 83
HEURE: 10 45

AIR= 2799999 VENT= 45/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	27.04	35.27	22.93				.18	.10	.02	.12	.27	.20	.37	42.	
25.	26.91	35.27	22.97				.19	.07	.01	.08	.31	.22	.42	42.	
50.	26.32	35.28	23.17				.18	.08	.01	.09	.35	.43	.57	59.	
60.	25.65	35.29	23.38				.20	.08	.01	.09	.40	.14	.47	26.	
70.	24.96	35.33	23.62				.21	.08	.01	.09	.35	.32	.51	48.	
80.	24.50	35.42	23.83				.20	.07	.02	.09	.33	.31	.48	48.	
90.	23.68	35.48	24.12				.24	.07	.02	.09	.28	.32	.44	53.	
100.	22.96	35.55	24.38				.24	.06	.10	.16	.34	.34	.51	50.	
110.	22.61	35.57	24.50				.26	.33	.17	.50	.24	.20	.34	45.	
125.	21.98	35.65	24.74				.30	1.27	.07	1.34	.09	.18	.18	66.	
150.	21.28	35.72	24.98				.35	2.23	.05	2.28	.04	.31	.26	88.	
200.	19.77	35.73	25.40				.41	3.20	.05	3.25	0.00	.18	.09	98.	

CROISIERE: RCO83B
STATION : 4
POSITION :21.26 S 168.02 E

DATE: 16 4 83
HEURE: 13 25

- 67 -

AIR=99999999 VENT=111/11 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NHA
0.							.23	.07	.02	.09	.47	.12	.53	21.	
25.							.19	.08	.02	.10	.24	.09	.29	27.	
50.							.20	.10	.02	.12	.42	.26	.55	38.	
60.							.22	.21	.14	.35	.61	0.00	.59	0.	
70.							.22	.22	.15	.37	.43	.52	.69	55.	
80.							.26	.29	.16	.45	.24	.46	.47	66.	
90.							.31	1.06	.15	1.21	.21	.24	.33	53.	
100.							.34	1.61	.09	1.70	.09	.10	.18	66.	
110.							.34	1.72	.07	1.79	.11	.17	.20	60.	
125.							.36	2.04	.06	2.10	.06	.09	.11	60.	
150.							.41	2.79	.06	2.85	.01	.05	.04	80.	
200.							.42	3.07	.04	3.11	0.00	.05	.02	98.	

CROISIERE: RCO83B
STATION : 5
POSITION :21.21 S 168.05 E

DATE: 16 4 83
HEURE: 15 5

AIR= 2729999 VENT= 70/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NHA
0.	27.43	35.33	22.85				.20	.12	.01	.13	.13	.05	.16	26.	
25.	27.15	35.29	22.91				.20	.12	.01	.13	.17	.10	.22	38.	
50.	27.11	35.28	22.91				.18	.11	.02	.13	.27	.06	.30	18.	
60.	26.99	35.26	22.94				.17	.13	.01	.14	.36	.18	.45	34.	
70.	26.02	35.32	23.29				.16	.13	.01	.14	.45	.10	.50	19.	
80.	25.20	35.37	23.58				.19	.11	.02	.13	.40	.33	.57	45.	
90.	24.23	35.48	23.96				.21	.10	.04	.14	.31	.26	.44	46.	
100.	23.68	35.54	24.16				.21	.16	.16	.32	.30	.21	.40	41.	
110.	22.91	35.59	24.43				.24	.71	.15	.06	.19	.27	.32	59.	
125.	22.27	35.65	24.65				.23	1.14	.14	1.28	.15	.24	.27	62.	
150.	21.48	35.69	24.91				.34	2.46	.06	2.52	.03	.26	.16	91.	
200.	20.08	35.74	25.32				.46	4.04	.03	4.07	0.00	.19	.09	98.	

CROISIERE: RCO83B
STATION : 6
POSITION :21.01 S 168.78 E

DATE: 16 4 83
HEURE: 18 50

AIR= 2689999 VENT= 70/ 7 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NHA
0.	27.32	35.31	22.87				.17	.08	.01	.09	.12	.05	.15	28.	
25.	27.20	35.31	22.91				.18	.09	0.00	.09	.12	.07	.16	36.	
50.	27.10	35.31	22.94				.18	.06	.01	.07	.23	.06	.26	20.	
60.	26.51	35.30	23.12				.17	.02	.01	.03	.30	.13	.36	31.	
70.	26.09	35.34	23.28				.20	.02	.01	.03	.36	.24	.48	40.	
80.	25.73	35.34	23.39				.21	.02	.02	.04	.36	.18	.45	33.	
90.	24.74	35.35	23.70				.21	.03	.02	.05	.32	.21	.42	40.	
100.	23.64	35.51	24.15				.25	.18	.17	.35	.26	.32	.42	55.	
110.	23.32	35.48	24.22				.27	.40	.26	.68	.25	.21	.36	45.	
125.	22.65	35.60	24.51				.35	1.72	.07	1.79	.10	.20	.20	66.	
150.	21.71	35.71	24.86				.45	3.09	.03	3.12	.03	.28	.17	90.	
200.	19.96	35.72	25.34				.53	3.44	.03	3.47	0.00	.20	.10	98.	

CROISIERE: RC083B
STATION : 7
POSITION :21.59 S 168.00 E

DATE: 16 4 83
HEURE: 21 10

- 68 -

AIR= 2699999 VENT= 70/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	27.24	35.33	22.91				.15	.15	.01	.16	.10	.04	.12	29.	
25.	27.14	35.32	22.93				.18	.12	.01	.13	.11	.15	.19	56.	
50.	25.90	35.29	23.30				.16	.04	.01	.05	.16	.13	.22	46.	
60.	24.66	35.35	23.73				.17	.01	.01	.02	.16	.17	.24	52.	
70.	23.96	35.42	23.99				.16	.02	.01	.03	.20	.16	.28	44.	
80.	23.30	35.51	24.25				.19	.04	.02	.06	.34	.29	.49	47.	
90.	23.15	35.53	24.31				.22	.22	.21	.43	.31	.24	.43	44.	
100.	22.96	35.55	24.38				.24	.53	.17	.70	.24	.27	.38	53.	
110.	22.79	35.59	24.46				.26	1.08	.10	1.18	.19	.17	.27	47.	
125.	22.41	35.63	24.60				.32	2.79	.05	2.84	.06	.21	.16	78.	
150.	21.62	35.75	24.91				.40	3.11	.03	3.14	.05	.10	.09	67.	
200.	20.31	35.73	25.25				.37	2.87	.02	2.89	0.00	.05	.03	98.	

CROISIERE: RC083B
STATION : 8
POSITION :21.17 S 167.50 E

DATE: 17 4 83
HEURE: 5 0

AIR=9999999 VENT=111/11 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	27.17	35.32	22.93				.15	.03	0.00	.03	.16	.05	.19	23.	
25.	27.16	35.32	22.93				.18	.04	.02	.06	.20	.16	.28	44.	
50.	27.07	35.30	22.94				.18	.06	.02	.08	.18	.09	.23	34.	
60.	26.87	35.30	23.01				.16	.03	.01	.04	.31	.16	.39	34.	
70.	26.13	35.30	23.24				.16	.04	.01	.05	.35	.13	.42	28.	
80.	25.34	35.33	23.51				.16	.01	.01	.02	.39	.19	.49	32.	
90.	24.85	35.37	23.69				.18	.06	.12	.18	.30	.25	.43	46.	
100.	24.18	35.39	23.90				.18	.05	.14	.19	.23	.21	.34	47.	
110.	23.47	35.51	24.20				.22	.46	.14	.60	.17	.21	.28	56.	
125.	23.19	35.55	24.31				.30	1.49	.06	1.55	.12	.11	.19	48.	
150.	22.05	35.66	24.72				.39	3.01	.02	3.03	.01	.16	.09	97.	
200.	20.52	35.71	25.18				.40	2.90	.03	2.93	.01	.05	.04	82.	

CROISIERE: RC083B
STATION : 9
POSITION :21.21 S 167.51 E

DATE: 17 4 83
HEURE: 6 30

AIR=9999999 VENT=111/11 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	27.05	35.27	22.93				.15	.03	.01	.04	.28	.05	.32	14.	
25.	27.06	35.27	22.92				.15	.02	.01	.03	.35	.03	.37	7.	
50.	26.68	35.28	23.05				.16	.04	.02	.06	.46	.05	.49	9.	
60.	26.42	35.30	23.15				.16	.05	.01	.06	.52	.14	.60	21.	
70.	26.26	35.31	23.21				.15	.03	.02	.05	.37	.10	.43	22.	
80.	25.24	35.35	23.55				.17	.03	.02	.05	.43	.25	.57	37.	
90.	24.28	35.43	23.90				.21	.32	.11	.43	.24	.27	.39	53.	
100.	23.24	35.51	24.27				.22	.35	.17	.52	.19	.24	.32	56.	
110.	22.67	35.60	24.50				.23	.48	.16	.64	.16	.21	.27	57.	
125.	22.21	35.63	24.66				.27	1.06	.10	1.16	.12	.17	.21	57.	
150.	21.29	35.76	24.97				.36	2.56	.04	2.60	.01	.14	.09	91.	
200.	20.10	35.73	25.31				.41	3.19	.04	3.23	0.00	.09	.05	99.	

CROISIERE: RCO838
STATION : 10
POSITION :21.34 S 167.50 E

DATE: 17 4 83
HEURE: 13 0

- 69 -

AIR= 2809999 VENT=140/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	27.56	35.26	22.75				.11	.02	.01	.03	.20	.06	.24	22.	
25.	27.12	35.25	22.69				.11	.12	.02	.14	.20	.07	.24	26.	
50.	26.94	35.25	22.95				.15	.03	.02	.05	.47	.19	.57	29.	
60.	26.90	35.26	22.97				.12	.06	.02	.08	.50	.25	.63	34.	
70.	26.75	35.27	23.02				.14	.09	.02	.11	.52	.18	.62	25.	
80.	26.34	35.28	23.16				.15	.14	.04	.18	.34	.26	.48	44.	
90.	25.57	35.33	23.44				.16	.19	.07	.26	.27	.27	.41	50.	
100.	25.45	35.33	23.47				.18	.31	.13	.44	.13	.17	.23	55.	
110.	24.96	35.36	23.65				.25	1.17	.11	1.28	.14	.20	.25	58.	
125.	23.18	35.54	24.31				.34	2.52	.04	2.56	.03	.07	.08	67.	
150.	21.94	35.69	24.78				.40	3.49	.02	3.51	0.00	.02	.01	98.	
200.	20.15	35.69	25.27				.40	3.56	.03	3.59	0.00	.02	.02	98.	

CROISIERE: RCO838
STATION : 11
POSITION :21.33 S 167.45 E

DATE: 17 4 83
HEURE: 14 50

AIR= 2829999 VENT=231/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	27.59	35.25	22.74				.13	.04	0.00	.04	.21	.05	.24	19.	
25.	27.12	35.25	22.89				.13	.05	0.00	.05	.13	.09	.19	40.	
50.	26.55	35.24	23.06				.14	.03	.01	.04	.18	.14	.26	45.	
60.	25.86	35.29	23.32				.15	.04	.01	.05	.26	.11	.33	30.	
70.	25.49	35.31	23.45				.17	.04	.01	.05	.27	.11	.34	29.	
80.	24.40	35.38	23.83				.17	.07	.09	.16	.38	.26	.52	41.	
90.	23.83	35.44	24.04				.21	.36	.20	.56	.28	.25	.42	47.	
100.	23.55	35.48	24.16				.25	1.04	.12	1.16	.07	.31	.23	81.	
110.	22.94	35.57	24.40				.27	1.16	.08	1.24	.12	.15	.26	57.	
125.	22.31	35.61	24.61				.30	1.58	.05	1.63	.08	.16	.16	67.	
150.	21.39	35.69	24.93				.35	2.51	.04	2.55	.02	.04	.05	67.	
200.	20.13	35.71	25.29				.41	3.40	.03	3.43	0.00	.01	.01	98.	

CROISIERE: RCO838
STATION : 12
POSITION :21.44 S 167.25 E

DATE: 17 4 83
HEURE: 17 55

AIR=99999999 VENT=144/14 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	27.68	35.23	22.69				.13	0.00	.01	.01	.15	.04	.18	22.	
25.	27.19	35.23	22.85				.13	.04	.01	.05	.16	.02	.18	9.	
50.	26.73	35.25	23.01				.13	.04	.01	.05	.18	.13	.25	43.	
60.	26.09	35.24	23.21				.14	.01	.01	.02	.23	.08	.28	26.	
70.	24.80	35.34	23.68				.17	.01	.01	.02	.30	.14	.38	33.	
80.	24.13	35.38	23.91				.18	0.00	.02	.02	.32	.13	.39	30.	
90.	23.58	35.43	24.11				.19	.05	.13	.18	.28	.12	.35	30.	
100.	23.14	35.50	24.29				.21	.18	.16	.34	.16	.19	.26	55.	
110.	22.95	35.52	24.36				.23	.46	.10	.56	.16	.29	.31	65.	
125.	22.43	35.58	24.56				.26	1.01	.05	1.06	.10	.12	.17	55.	
150.	21.75	35.68	24.82				.33	2.29	.03	2.32	.02	.03	.05	60.	
200.	20.47	35.72	25.20				.42	3.31	.03	3.34	0.00	.01	.01	98.	

DATE: 17 4 83
HEURE: 21 0

- 70 -

AIR= 2669999 VENT= 90/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PIA	CH1A	ZPHA	N14
0.	27.22	35.25	22.86				.06	.04	0.00	.04	.13	.03	.16	16.	
25.	27.03	35.22	22.89				.07	.04	.01	.05	.03	.10	.14	56.	
50.	25.74	35.29	23.35				.08	.04	.01	.05	.19	.13	.26	42.	
60.	24.92	35.33	23.64				.08	.03	0.00	.03	.22	.19	.32	46.	
70.	24.35	35.38	23.84				.10	.01	.01	.02	.26	.18	.29	47.	
80.	23.73	35.43	24.07				.11	.01	.07	.08	.39	.20	.50	34.	
90.	23.23	35.48	24.25				.17	.45	.15	.60	.32	.24	.44	43.	
100.	22.94	35.55	24.39				.20	1.11	.07	1.18	.20	.16	.28	44.	
110.	22.68	35.58	24.48				.21	1.15	.04	1.19	.11	.17	.20	59.	
125.	22.25	35.62	24.64				.24	1.55	.04	1.59	.08	.18	.18	69.	
150.	21.43	35.74	24.96				.33	3.11	.02	3.13	.01	.03	.04	72.	
200.	20.12	35.73	25.30				.33	3.29	.02	3.31	0.00	.01	.01	98.	

CROISIERE: RCO83B
STATION : 14
POSITION :21.43 S 167.53 E

DATE: 18 4 83
HEURE: 5 5

AIR=999999999 VENT=614/56 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	27.12	35.25	22.89	4.73	104.1	-19	.14	.03	0.00	.03	.16	.05	.20	24.	
25.	27.14	35.25	22.88	4.63	101.9	-09	.15	0.00	.01	.01	.12	.06	.15	33.	
50.	26.59	35.24	23.85	4.47	97.4	.12	.14	.02	.01	.03	.18	.05	.21	22.	
60.	26.07	35.25	23.22	4.83	104.3	-20	.15	.06	.01	.07	.18	.06	.21	25.	
70.	25.54	35.29	23.42	4.81	102.9	-14	.15	.04	.01	.05	.21	.03	.23	13.	
80.	24.80	35.36	23.69	4.75	100.3	-01	.15	.03	.01	.04	.27	.17	.36	39.	
90.	24.37	35.41	23.86	4.67	97.9	.10	.18	.09	.10	.19	.43	.18	.53	30.	
100.	23.77	35.44	24.06	4.64	96.2	.18	.20	.27	.16	.43	.25	.18	.35	42.	
110.	23.18	35.49	24.27	4.49	92.1	.39	.24	.54	.13	.67	.20	.11	.26	35.	
125.	22.54	35.58	24.52	4.28	86.8	.65	.25	.80	.08	.88	.11	.12	.18	52.	
150.	21.90	35.67	24.77	4.24	85.0	.75	.31	1.85	.04	1.89	.03	.09	.09	75.	
200.	20.52	35.72	25.19	4.21	82.2	.91	.36	2.81	.02	2.83	0.00	.01	.02	98.	

CROISIERE: RC083B
STATION : 15
POSITION :21.43 S 167.55 E

DATE: 18 4 83
HEURE: 6 50

AIR=999999999 VENT=111/11 FOND= 9999 NP= 12

[illegible]

CROISIERE: RC083B
STATION : 16
POSITION :21.41 S 168.04 E

DATE: 18 4 83
HEURE: 9 20

- 71 -

AIR=99999999 VENT=44/44 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.81	35.23	22.97				.17	.02	.01	.03	.12	.02	.14	17.	
25.	26.77	35.22	22.98				.16	.04	.01	.05	.21	.04	.24	18.	
50.	26.44	35.26	23.11				.18	.04	.01	.05	.37	.20	.48	35.	
60.	25.66	35.30	23.39				.20	.11	.06	.17	.38	.19	.48	33.	
70.	25.15	35.32	23.56				.23	.16	.10	.26	.38	.19	.48	33.	
80.	24.66	35.39	23.76				.24	.30	.11	.41	.19	.19	.29	50.	
90.	23.65	35.46	24.11				.27	.65	.12	.77	.13	.19	.24	58.	
100.	23.15	35.52	24.30				.32	1.53	.06	1.59	.06	.12	.13	65.	
110.	22.22	35.60	24.63				.34	1.64	.06	1.70	.05	.10	.11	70.	
125.	21.98	35.63	24.72				.37	2.04	.04	2.08	.04	.04	.07	49.	
150.	21.28	35.68	24.95				.40	2.44	.04	2.48	.01	.11	.08	92.	
200.	19.84	35.70	25.36				.46	3.26	.03	3.29	0.00	.04	.02	98.	

CROISIERE: RC083B
STATION : 17
POSITION :21.45 S 168.07 E

DATE: 18 4 83
HEURE: 11 15

AIR=99999999 VENT= 70/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	27.05	35.25	22.91				.16	.01	.03	.04	.11	.04	.13	28.	
25.	27.00	35.24	22.92				.19	.03	.02	.05	.21	.10	.27	33.	
50.	26.43	35.22	23.09				.17	.01	.02	.03	.42	.21	.54	33.	
60.	25.92	35.27	23.28				.17	.04	.03	.07	.33	.24	.46	42.	
70.	25.17	35.35	23.57				.18	.05	.03	.08	.31	.25	.44	45.	
80.	24.26	35.40	23.69				.22	.31	.10	.41	.22	.23	.34	51.	
90.	23.25	35.49	24.25				.24	.60	.13	.73	.11	.27	.26	71.	
100.	23.09	35.52	24.32				.26	.69	.12	.81	.13	.23	.26	63.	
110.	22.43	35.56	24.54				.29	1.06	.09	1.15	.08	.15	.17	63.	
125.	21.93	35.64	24.74				.32	1.69	.06	1.75	.07	.08	.12	54.	
150.	20.55	35.71	25.17				.39	2.81	.04	2.85	0.00	0.00	.01		
200.	19.51	35.70	25.44				.44	3.58	.03	3.61	0.00	0.00	.01		

CROISIERE: RC083B
STATION : 18
POSITION :22.02 S 168.18 E

DATE: 18 4 83
HEURE: 14 8

AIR=99999999 VENT=44/44 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	27.16	35.29	22.91				.13	0.00	.01	.01	.14	.03	.17	18.	
25.	27.04	35.28	22.74				.13	.02	.01	.03	.19	.05	.22	20.	
50.	25.63	35.32	23.41				.12	.02	.01	.03	.34	.05	.37	12.	
60.	24.65	35.38	23.69				.14	.02	.01	.03	.36	.21	.47	37.	
70.	24.21	35.40	23.90				.15	0.00	.01	.01	.26	.25	.46	49.	
80.	23.60	35.53	24.18				.22	.18	.10	.28	.37	.25	.50	40.	
90.	23.19	35.58	24.34				.27	.78	.10	.88	.17	.26	.31	61.	
100.	22.94	35.60	24.43				.30	1.12	.08	1.20	.11	.24	.24	68.	
110.	22.77	35.62	24.49				.34	1.67	.06	1.73	.08	.14	.16	63.	
125.	22.32	35.66	24.65				.35	2.09	.04	2.13	.04	.06	.08	60.	
150.	21.52	35.73	24.92				.39	2.67	.03	2.70	.02	.03	.04	68.	
200.	20.32	35.74	25.26				.42	3.22	.03	3.25	0.00	0.00	0.00	0.	

CROISIERE: RCO83B
STATION : 21
POSITION :21.34 S 168.13 E

DATE: 19 4 83
HEURE: 4 40

- 72 -

AIR=99999999 VENT=111/11 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	27.16	35.31	22.92	4.68	103.1	-1.14	.14	.03	0.00	.03			.14		
25.	27.16	35.30	22.91	4.48	98.7	.06	.14	.04	0.00	.04			.12		
43.	26.84	35.29	23.01	4.56	99.9	.01	.14	.12	0.00	.12			.18		
51.	26.20	35.27	23.20	4.70	101.8	-.08	.13	.06	0.00	.06	.28	.14	.36	34.	
61.	24.98	35.33	23.62	4.65	98.5	.07	.15	.08	.01	.09			.56		
70.	24.41	35.38	23.83	4.72	99.0	.05	.16	.09	0.00	.09			.56		
80.	24.01	35.45	24.00	4.59	95.6	.21	.18	.07	.01	.00	.39	.18	.49	31.	
90.	23.63	35.47	24.13	4.45	92.0	.39	.15	.29	.07	.36			.48		
100.	22.85	35.55	24.41	4.33	88.3	.57	.17	.44	.21	.65			.35		
125.	21.92	35.66	24.76												
150.	20.98	35.71	25.06	4.18	82.3	.96	.23	2.68	.04	2.72			.21		
200.	19.02	35.71	25.37	4.09	78.8	1.10	.32	3.94	.03	3.97			.26		

CROISIERE: RCO83B
STATION : 23
POSITION :21.33 S 168.14 E

DATE: 19 4 83
HEURE: 10 35

AIR= 2719999 VENT= 60/ 7 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	27.21	35.32	22.91					.22	.01	.23			.15		
25.	27.17	35.31	22.92					.06	.01	.07			.17		
56.	27.13	35.31	22.93					0.00	.01	.01	.17	.08	.21	32.	
64.	26.60	35.30	23.09					.06	.02	.08			.27		
73.	26.08	35.30	23.26					.04	.01	.05			.28		
80.	25.43	35.32	23.47					.03	.02	.05	.33	.10	.39	24.	
90.	24.45	35.37	23.81					0.00	.01	.01			.46		
100.	23.45	35.45	24.16					.02	.01	.03			.47		
108.	22.98	35.55	24.38					.04	.11	.15	.26	.42	.42	68.	
125.	22.40	35.61	24.59					1.15	.08	1.23			.27		
150.	21.72	35.68	24.83					1.80	.04	1.84			.16		
200.	20.41	35.74	25.23					3.02	.03	3.45			.06		

CROISIERE: RCO83B
STATION : 25
POSITION :21.34 S 168.14 E

DATE: 19 4 83
HEURE: 18 5

AIR=99999999 VENT=111/11 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	27.26	35.33	22.90	4.65	102.7	-.12	.16	.03	.01	.04			.13		
25.	27.22	35.32	22.91	4.69	103.5	-.16	.17	.01	.01	.02	.18	.05	.21	21.	
50.	27.14	35.31	22.93	4.66	102.6	-.12	.19	.03	.02	.05			.32		
66.	26.28	35.26	23.16	4.72	102.3	-.11	.18	.01	.01	.02			.26		
70.	25.10	35.34	23.59	4.77	101.3	-.06	.18	0.00	.01	.01	.32	.27	.46	46.	
80.	24.27	35.39	23.88	4.73	98.9	.05	.19	.04	.01	.05			.58		
90.	23.63	35.44	24.10	4.63	95.7	.21	.26	.03	.06	.09			.42		
100.	23.02	35.51	24.33	4.49	91.8	.40	.21	.21	.19	.40	.19	.26	.33	58.	
110.	22.58	35.54	24.48	4.36	87.2	.63	.25	1.04	.07	1.11			.22		
125.	22.03	35.66	24.73	4.17	83.8	.81	.26	1.56	.04	1.60			.10		
150.	21.52	35.70	24.90	4.28	85.2	.74	.36	2.21	.64	2.25	.06	.07	.10	51.	
200.	20.25	35.68	25.23	4.09	79.4	1.06	.33	3.58	.02	3.60			.03		

CROISIERE: RCO83B
STATION : 29
POSITION :21.33 S 168.15 E

DATE: 20 4 83
HEURE: 4 55

- 73 -

AIR=99999999 VENT= 45/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	27.19	35.33	22.93	4.71	103.8	-.17	.14	0.00	.01	.01			.18		
25.	27.19	35.32	22.92	4.67	103.0	-.13	.15	.04	.01	.05	.18	.05	.21	21.	
50.	27.04	35.30	22.95	4.72	103.8	-.17	.15	.03	.01	.04			.35		
60.	26.50	35.28	23.11	4.72	102.8	-.13	.18	.03	.01	.04			.21		
70.	25.95	35.30	23.30	4.75	102.4	-.11	.19	.02	.01	.03	.36	.12	.43	25.	
80.	24.69	35.36	23.73	4.67	98.4	.08	.18	.02	.02	.04			.54		
90.	24.05	35.42	23.96	4.66	97.1	.14	.19	0.00	.03	.03			.44		
100.	23.41	35.47	24.19	4.54	93.5	.32	.35	.04	.16	.20	.20	.25	.33	56.	
110.	22.89	35.52	24.38	4.53	92.4	.37	.38	.21	.18	.39			.27		
125.	22.35	35.59	24.59	4.32	87.3	.63	.40	.54	.19	.64			.15		
150.	21.65	35.68	24.85	4.17	83.2	.84	.47	2.01	.04	2.05	.06	.10	.11	64.	
200.	20.06	35.70	25.30	4.01	77.6	1.16	.60	3.67	.02	3.69			.03		

CROISIERE: RCO83B
STATION : 31
POSITION :21.33 S 168.14 E

DATE: 20 4 83
HEURE: 11 25

AIR=99999999 VENT=444/44 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	27.19	35.34	22.93					0.00	.01	.01			.23		
25.	27.18	35.34	22.94					.02	.01	.03	.24	.02	.26	6.	
50.	27.17	35.33	22.93					.10	.01	.11			.40		
60.	27.15	35.33	22.94					.05	.02	.07			.25		
70.	26.88	35.29	23.00					.04	0.00	.04	.26	.11	.33	30.	
80.	25.97	35.29	23.28					.03	.02	.05			.52		
90.	24.80	35.34	23.68					.02	.02	.04			.37		
100.	23.99	35.40	23.97					.04	.11	.15	.23	.12	.30	35.	
110.	23.48	35.48	24.18					.22	.17	.39			.21		
125.	22.84	35.54	24.41					.62	.06	.88			.22		
150.	22.06	35.67	24.73					1.93	.02	1.95	.07	.13	.14	64.	
200.	20.67	35.73	25.16					3.35	.02	3.37			.03		

CROISIERE: RCO83B
STATION : 33
POSITION :21.34 S 168.14 E

DATE: 20 4 83
HEURE: 17 25

AIR=99999999 VENT=444/44 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	27.45	35.30	22.82	4.70	104.1	-.18	.13	.03	.01	.04			.13		
25.	27.19	35.34	22.73	4.73	104.3	-.19	.13	.01	0.00	.01	.16	.04	.19	19.	
50.	26.78	35.27	23.01	4.75	103.9	-.18	.13	.01	.01	.02			.44		
60.	25.48	35.29	23.43	4.84	103.4	-.16	.14	.03	.01	.04			.40		
70.	24.48	35.33	23.77	4.79	100.5	-.03	.15	.03	.02	.05	.43	.22	.55	34.	
80.	23.43	35.48	24.19	4.64	95.6	.21	.18	.16	.13	.29			.41		
90.	22.84	35.57	24.43	4.47	91.1	.43	.19	.64	.12	.76			.21		
100.	22.55	35.66	24.58	4.21	85.4	.72	.26	1.42	.07	1.49	.10	.17	.19	62.	
110.	22.33	35.67	24.65	4.00	80.8	.95	.31	2.19	.04	2.23			.17		
125.	22.06	35.71	24.76	4.16	63.7	.81	.27	2.07	.03	2.12			.08		
150.	21.54	35.74	24.93	3.97	79.1	1.05	.33	2.86	.03	2.89	.01	.03	.04	68.	
200.	19.55	35.69	25.32	4.03	78.8	1.10	.41	3.51	.02	3.53			0.00		

CROISIERE: RC083B
STATION : 37
POSITION :21.33 S 168.14 E

DATE: 21 4 83
HEURE: 4 55

- 74 -

AIR=99999999 VENT=*** FOND= 9999 NP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	27.19	35.30	22.90	4.72	104.1	-.18	.13	0.00	.01	.01				.19		
25.	27.19	35.32	22.92	4.69	103.4	-.15	.13	0.00	0.00	0.00		.13	.13	.20	50.	
50.	26.71	35.28	23.04	4.70	102.7	-.12	.14	0.00	.01	.01				.35		
60.	25.47	35.29	23.44	4.80	102.6	-.12	.16	0.00	.01	.01				.35		
70.	24.78	35.34	23.71	4.77	106.5	-.03	.16	0.00	.01	.01		.26	.23	.39	47.	
80.	24.26	35.37	23.06	4.62	100.8	-.04	.16	0.00	.01	.01				.60		
90.	23.89	35.46	24.04	4.64	96.4	.17	.17	.01	.03	.04				.46		
100.	23.43	35.47	24.18	4.67	96.2	.18	.18	.01	.12	.13		.23	.28	.38	55.	
110.	23.15	35.58	24.35	4.18	85.7	.70	.25	.96	.10	1.60				.23		
125.	22.55	35.61	24.54	4.04	81.9	.89	.27	2.04	.45	2.09				.20		
150.	21.80	35.71	24.83	3.91	78.2	1.09	.33	2.73	.83	2.76		.63	.18	.13	84.	
200.	20.29	35.73	25.26	4.07	79.1	1.07	.36	3.16	.01	3.17				.02		

CROISIERE: RC083B
STATION : 40
POSITION :21.33 S 168.14 E

DATE: 21 4 83
HEURE: 11 35

AIR=99999999 VENT=*** FOND= 9999 NP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	27.31	35.32	22.88						.04	.01	.05			.17		
25.	27.22	35.32	22.91						0.00	.01	.01	.17	.14	.24	45.	
50.	27.19	35.32	22.92						.04	.01	.05			.34		
60.	27.17	35.32	22.93						0.00	0.00	0.00			.31		
70.	26.78	35.24	22.99						.03	0.00	.03	.36	.20	.40	40.	
80.	25.75	35.23	23.31						.01	0.00	.01			.48		
90.	24.87	35.35	23.67						.02	0.00	.02			.47		
100.	24.35	35.39	23.85						.01	.01	.02	.39	.34	.57	46.	
110.	23.75	35.48	24.10						.56	.16	.72			.45		
125.	23.14	35.58	24.35						1.03	.07	1.12			.29		
150.	22.29	35.65	24.65						2.22	.04	2.26	.08	.22	.20	74.	
200.	21.11	35.74	25.05						3.31	.02	3.33			.07		

CROISIERE: RC083B
STATION : 42
POSITION :21.33 S 168.15 E

DATE: 21 4 83
HEURE: 17 40

AIR=99999999 VENT=*** FOND= 9999 NP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	27.28	35.31	22.88	4.67	103.1	-.14	.15	.02	.01	.03				.10		
25.	27.20	35.31	22.91	4.71	103.9	-.17	.15	.04	0.00	.04		.13	.15	.22	52.	
50.	26.51	35.24	23.08	4.77	103.8	-.18	.16	.01	0.00	.01				.45		
60.	25.30	35.29	23.49	4.82	102.7	-.13	.17	.01	.01	.02				.35		
70.	24.43	35.36	23.81	4.80	106.7	-.03	.16	.02	0.00	.02		.28	.17	.38	37.	
80.	24.01	35.44	23.99	4.61	96.0	.17	.20	.03	.02	.05				.61		
90.	23.54	35.50	24.18	4.37	90.2	.47	.24	.20	.15	.35				.50		
100.	22.96	35.56	24.39	4.14	84.6	.75	.30	1.53	.06	1.59		.10	.31	.26	75.	
110.	22.44	35.63	24.59	4.01	81.2	.93	.34	2.24	.04	2.28				.22		
125.	21.86	35.71	24.81	3.95	79.1	1.04	.36	2.93	.03	2.96				.12		
150.	21.02	35.74	25.07	3.91	77.1	1.16	.41	3.40	.02	3.42		.62	.07	.06	79.	
200.	19.93	35.70	25.33	4.05	78.2	1.13	.42	3.49	.02	3.51				.03		

CROISIERE: RCO83B
STATION : 46
POSITION :21.34 S 168.15 E

DATE: 22 4 83
HEURE: 5 0

- 75 -

AIR=99999999 VENT=140/ 7 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CH1A	ZPHA	NH4
0.	27.06	35.31	22.95	4.69	103.2	-14	.17	.18	.01	.11			.13		
25.	27.15	35.31	22.72	4.68	103.1	-14	.17	.13	.02	.15	.09	.07	.13	44.	
50.	27.03	35.29	22.95	4.76	104.6	-21	.16	.14	.02	.16			.47		
60.	26.41	35.25	23.11	4.84	105.2	-24	.16	.10	.01	.11			.34		
70.	25.05	35.31	23.58	4.82	102.2	-18	.18	.05	0.00	.05	.25	.19	.35	43.	
80.	24.59	35.36	23.76	4.56	95.9	.19	.21	.05	.03	.08			.62		
90.	24.03	35.44	23.99	4.40	91.6	.40	.23	.23	.16	.39			.32		
100.	23.64	35.43	24.13	4.24	87.7	.59	.26	1.08	.13	1.21	.09	.33	.25	78.	
110.	23.29	35.53	24.27	4.19	86.1	.67	.28	1.45	.12	1.57			.26		
125.	22.90	35.58	24.42				.28	1.31	.07	1.38			.21		
150.	22.11	35.68	24.72	3.93	79.1	1.04	.35	2.81	.03	2.84	.05	.15	.13	74.	
200.	20.28	35.71	25.25	3.92	76.2	1.22	.43	3.91	.02	3.93			.08		

CROISIERE: RCO83B
STATION : 48
POSITION :21.34 S 168.14 E

DATE: 22 4 83
HEURE: 11 25

AIR= 25999999 VENT=140/ 7 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CH1A	ZPHA	NH4
0.	27.16	35.31	22.92					0.00	.01	.01			.23		
25.	27.09	35.31	22.94					.03	.01	.04	.16	.12	.23	43.	
50.	26.94	35.29	22.98					0.00	.01	.01			.57		
60.	26.80	35.28	23.01					.01	.01	.02			.24		
70.	26.36	35.27	23.15					0.00	.01	.01	.24	.17	.32	41.	
80.	25.00	35.34	23.62					0.00	.01	.01			.48		
90.	24.35	35.40	23.86					0.00	.02	.02			.47		
100.	23.93	35.43	24.01					.08	.10	.18	.24	.38	.43	61.	
110.	23.59	35.49	24.15					.18	.18	.36			.37		
125.	23.13	35.54	24.32					1.16	.08	1.24			.26		
150.	22.28	35.67	24.67					2.44	.03	2.47	.08	.24	.26	75.	
200.	20.93	35.71	25.07					3.29	.02	3.31			.11		

CROISIERE: RCO83B
STATION : 50
POSITION :21.33 S 168.14 E

DATE: 22 4 83
HEURE: 17 55

AIR=99999999 VENT=144/14 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CH1A	ZPHA	NH4
0.	27.15	35.32	22.93	4.66	102.7	-12	.15	.03	.01	.04			.13		
25.	27.16	35.30	22.91	4.67	102.9	-13	.15	.02	.01	.03	.13	.11	.19	45.	
50.	26.85	35.29	23.26	4.72	101.9	-09	.15	.03	.01	.04			.36		
60.	25.05	35.34	23.60	4.74	100.5	-03	.16	.10	.01	.11			.38		
70.	24.61	35.37	23.76	4.72	99.3	.03	.19	0.00	.01	.01	.32	.24	.44	43.	
80.	24.00	35.43	23.99	4.63	96.4	.17	.19	.02	.02	.04			.49		
90.	23.25	35.50	24.26	4.44	91.2	.43	.22	.21	.16	.37			.34		
100.	22.84	35.57	24.43	4.24	86.4	.66	.26	.57	.10	.97	.11	.29	.26	72.	
110.	22.43	35.66	24.62	4.06	82.2	.88	.36	1.74	.04	1.78			.21		
125.	22.20	35.69	24.70	4.03	81.2	.93	.31	2.18	.03	2.21			.10		
150.	21.41	35.74	24.96	3.94	78.3	1.09	.35	2.95	.02	2.97	.04	.07	.08	63.	
200.	20.16	35.75	25.31	3.89	75.5	1.27	.44	3.98	.02	4.08			.04		

CROISIERE: RC083B
STATION : 54
POSITION :21.33 S 168.15 E

DATE: 23 4 83
HEURE: 5 0

- 76 -

AIR=99999999 VENT=140/ 9 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	O2	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.84	35.30	23.02	4.70	103.0	-1.14	.15	.07	.02	.09			.18		
25.	26.84	35.30	23.02	4.67	102.3	-1.11	.15	.09	.02	.11	.14	.07	.18	35.	
50.	26.83	35.30	23.02	4.70	102.9	-1.13	.14	.07	.02	.09			.20		
60.	26.26	35.26	23.17	4.77	103.4	-1.16	.16	.04	.02	.06			.29		
70.	25.53	35.32	23.44	4.74	101.4	-1.07	.16	.04	.02	.06	.23	.16	.32	40.	
80.	24.74	35.35	23.70	4.69	98.9	.05	.10	.09	.05	.14			.49		
90.	23.97	35.46	24.02	4.55	94.7	.26	.20	.14	.15	.29			.30		
100.	23.36	35.51	24.24	4.37	89.9	.49	.23	.51	.22	.73	.15	.29	.30	67.	
110.	23.01	35.53	24.35	4.18	85.5	.71	.28	1.24	.08	1.32			.20		
125.	22.61	35.61	24.53	4.05	82.2	.87	.30	2.09	.11	2.20			.16		
150.	21.92	35.74	24.82	3.93	78.8	1.06	.35	3.16	.04	3.14	0.00	.18	.10	99.	
200.	20.71	35.76	25.17	3.68	76.1	1.22	.43	4.17	.03	4.20			.05		

CROISIERE: RC083B
STATION : 56
POSITION :21.33 S 168.13 E

DATE: 23 4 83
HEURE: 11 35

AIR= 2549999 VENT=140/ 7 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	O2	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.77	35.29	23.03					0.00	.01	.01			.13		
25.	26.75	35.29	23.04					0.00	0.00	0.00	.17	.12	.24	40.	
50.	26.74	35.29	23.04					.03	.01	.04			.31		
60.	26.12	35.28	23.23					.02	0.00	.02			.25		
70.	25.52	35.30	23.43					.01	0.00	.01	.24	.16	.33	39.	
80.	24.51	35.35	23.77					0.00	.01	.01			.48		
90.	23.78	35.41	24.04					.06	.13	.19			.39		
100.	22.92	35.54	24.39					.06	.16	1.02	.15	.28	.29	66.	
110.	22.46	35.61	24.57					1.67	.07	1.74			.21		
125.	21.76	35.69	24.77					2.60	.04	2.64			.19		
150.	21.55	35.75	24.93					3.41	.03	3.44	.02	.18	.12	91.	
200.	20.32	35.74	25.26					4.12	.02	4.14			.05		

CROISIERE: RC083B
STATION : 58
POSITION :21.33 S 168.14 E

DATE: 23 4 83
HEURE: 17 30

AIR=99999999 VENT=144/14 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	O2	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.83	35.30	23.02	4.69	102.7	-1.12	.17	.04	.01	.05			.14		
25.	26.85	35.30	23.01	4.58	100.4	-1.02	.16	.04	.01	.05	.10	.07	.14	42.	
50.	26.81	35.29	23.02	4.67	102.2	-1.10	.16	.07	.02	.09			.14		
60.	25.69	35.28	23.36	4.71	101.0	-1.05	.16	.04	.01	.05			.09		
70.	25.09	35.35	23.60	4.72	100.2	-1.01	.20	.11	.01	.12	.22	.11	.28	34.	
80.	24.73	35.41	23.75	4.70	99.1	.04	.21	.09	.01	.10			.30		
90.	24.09	35.38	23.92	4.67	97.3	.13	.21	.12	.02	.14			.30		
100.	23.31	35.47	24.23	4.48	92.1	.38	.25	.45	.21	.66	.17	.28	.34	60.	
110.	22.74	35.59	24.47	4.12	83.9	.79	.30	1.40	.11	1.51			.27		
125.	22.39	35.62	24.60	4.14	83.7	.80	.35	2.01	.06	2.07			.24		
150.	21.70	35.71	24.86	4.01	80.1	1.00	.39	2.76	.04	2.80	.04	.12	.11	76.	
200.	20.06	35.73	25.32	3.70	75.5	1.27	.49	4.22	.02	4.24			.05		

CROISIERE: RC0838
STATION : 62
POSITION :21.34 S 168.15 E

DATE: 24 4 83
HEURE: 5 5

- 77 -

AIR=99999999 VENT=140/ 9 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.65	35.28	23.06	4.73	103.3	-.15	.18	.03	.01	.04			.14		
25.	26.67	35.28	23.05	4.69	102.4	-.11	.15	.07	.01	.08	.08	.09	.14	51.	
50.	26.67	35.27	23.05	4.68	102.2	-.10	.15	.10	.02	.12			.14		
60.	26.32	35.28	23.17	4.70	102.0	-.09	.15	.06	.02	.08			.09		
70.	25.29	35.40	23.58	4.73	100.8	-.04	.16	.03	.02	.05	.16	.11	.22	42.	
80.	24.47	35.39	23.62	4.77	100.1	-.01	.16	.12	.04	.16			.28		
90.	23.68	35.47	24.11	4.71	97.5	.12	.17	.05	.03	.08			.30		
100.	23.26	35.51	24.26	4.44	91.2	.43	.22	.32	.23	.55	.24	.36	.43	60.	
110.	22.93	35.57	24.41	4.27	87.2	.63	.26	.92	.18	1.10			.30		
125.	22.61	35.61	24.53	4.13	83.9	.79	.28	1.56	.18	1.74			.27		
150.	21.85	35.71	24.82	3.96	79.3	1.63	.35	2.69	.07	2.76	.04	.22	.16	84.	
200.	20.44	35.74	25.23	3.89	75.9	1.24	.41	3.36	.07	3.93			.03		

CROISIERE: RC0838
STATION : 65
POSITION :21.33 S 168.14 E

DATE: 24 4 83
HEURE: 11 24

AIR= 2549999 VENT=140/ 7 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.63	35.33	23.10					.02	.01	.03			.46		
25.	26.61	35.33	23.11					.04	0.00	.04	.13	.15	.21	52.	
50.	26.60	35.33	23.11					.03	0.00	.03			.29		
60.	26.58	35.33	23.12					0.00	.05	.05			.18		
70.	25.25	35.32	23.53					0.00	.05	.05	.19	.18	.28	48.	
80.	24.74	35.34	23.70					0.00	.06	.06					
90.	23.98	35.45	24.01					.08	.11	.19			.48		
100.	23.82	35.47	24.07					.06	.10	.16	.38	.29	.54	44.	
110.	23.27	35.51	24.26					.45	.22	.67			.34		
125.	22.94	35.55	24.39					.91	.15	1.06			.44		
150.	21.93	35.69	24.78					2.70	.05	2.75	.07	.15	.15	68.	
200.	20.68	35.75	25.17					3.99	.03	4.02			.01		

CROISIERE: RC0838
STATION : 67
POSITION :21.33 S 168.14 E

DATE: 24 4 83
HEURE: 17 30

AIR=99999999 VENT=144/14 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.62	35.34	23.12	4.68	102.1	-.10		.06	.01	.07			.19		
25.	26.62	35.33	23.11	4.70	102.6	-.12		.06	.02	.08	.16	.05	.19	24.	
50.	26.58	35.32	23.11	4.76	102.5	-.11		.04	.01	.05			.26		
60.	25.90	35.32	23.33	4.79	103.2	-.15		.03	.01	.04			.18		
70.	25.22	35.39	23.59	4.74	100.9	-.04		.04	.01	.05	.19	.09	.24	33.	
80.	24.44	35.39	23.83	4.73	99.2	.04		.05	.02	.07			.62		
90.	24.04	35.44	23.98	4.64	96.7	.16		.02	.05	.07			.47		
100.	23.55	35.49	24.16	4.50	92.9	.34		.14	.20	.34	.20	.26	.42	48.	
110.	23.21	35.53	24.29	4.40	96.3	.47		.42	.24	.66			.36		
125.	22.33	35.65	24.64	4.23	85.5	.72		1.80	.06	1.86			.23		
150.	21.66	35.70	24.86	3.98	79.4	1.03		2.90	.05	2.95	.05	.11	.12	69.	
200.	20.51	35.76	25.22	3.90	76.2	1.22		4.00	.02	4.10			.04		

CROISIERE: RC0836
STATION : 1021
POSITION :21.34 S 168.13 E

DATE: 19 4 83
HEURE: 6 0

- 78 -

AIR=99999999 VENT=***/** FOND= 9999 NP= 12

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUH	ZPHA
0.	.17	.06	.02	.08	.14	.04	1.21	.200	.33	.350	8.62	407.	.17	2491.	21.
20.	.17	.04	.02	.06	.15	.02	1.53	.125	.14	.316	13.20	259.	.17		12.
40.	.17	.01	.02	.03	.14	.04	1.14	.057	.27	.291	8.60	74.	.17		22.
60.	.16	0.00	.03	.03	.35	.13	.97	.020	.68	.314	6.75	74.	.42		28.
70.	.19	0.00	.03	.03	.37	.19	.85	.011	1.00	.273	5.68	333.	.47		34.
80.	.21	0.00	.02	.02	.35	.23	1.24	.005	.75	.271	8.86	37.	.47		40.
100.	.25	.13	.21	.34	.19	.24	.87	.001	.06	.181	7.63	111.	.32		56.
120.	.31	1.57	.07	1.64	.04	.16	.68	0.000		.194	5.21	111.	.13		78.
200.	.08	2.41	.04	2.45	.05	.04	.75	0.006	.41	.305	8.34	222.	.08		45.
9999.															
9999.															
9999.															

CROISIERE: RC0836
STATION : 1029
POSITION :21.33 S 168.15 E

DATE: 20 4 83
HEURE: 6 0

AIR=99999999 VENT= 45/ 3 FOND= 9999 NP= 9

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUH	ZPHA
0.	.15	.01	0.00	.01	.16	.01	.35	1.000	1.54	.317	6.53	185.	.17	1625.	4.
20.	.14	0.00	.01	.01	.13	.02	.59	.200	3.01	.308	6.96	185.	.15		15.
40.	.16	.02	.01	.03	.13	.05	.72	.085	2.35	.376	6.84	296.	.17		26.
60.	.16	0.00	.01	.01	.23	.12	.71	.033	1.06	.353	5.77	444.	.30		35.
70.	.15	.02	.01	.03	.25	.13	.71	.020	.49	.289	8.07	370.	.33		35.
80.	.16	0.00	.01	.01	.37	.28	.52	.011	.75	.283	4.26	222.	.52		43.
100.	.18	.02	.10	.12	.22	.31	.59	.002	.34	.284	5.77	333.	.38		58.
120.	.23	.96	.06	1.02	.09	.15	.57	.001	.10	.278	5.98	222.	.17		63.
200.	.35	3.40	.02	3.42	0.00	0.00	.43	0.000	.21	.356	3.31	148.	0.00		

CROISIERE: RC0836
STATION : 1037
POSITION :21.33 S 168.14 E

DATE: 21 4 83
HEURE: 6 0

AIR=99999999 VENT=***/** FOND= 9999 NP= 9

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUH	ZPHA
0.	.15	.05	.01	.06	.13	.09	.98	1.000	3.59	.364	8.04	815.	.19	1762.	40.
20.	.15	.02	.01	.03	.14	.08	.80	.200	3.83	.303	6.47	185.	.19		37.
40.	.16	.02	.01	.03	.17	.13	.81	.085	2.43	.399	6.69	407.	.24		45.
60.	.16	0.00	.01	.01	.26	.23	.60	.033	1.66	.380	4.32	222.	.39		47.
80.	.17	.02	.02	.04	.35	.35	.49	.011	1.21	.381	4.80		.53		50.
90.	.18	.18	.16	.34	.19	.24	.49	.005	.46	.355	3.74	74.	.32		56.
100.	.22	.58	.13	.71	.11	.24	.55	.002	.34	.370	4.73	185.	.24		68.
120.	.30	2.29	.04	3.33	.06	.21	.82	.001	.31	.438	5.82	148.	.17		78.
200.	.32	3.12	.02	3.14	0.00	.05	.40	0.000	.12	.314	2.98	148.	.03		98.

CROISIERE: RC0838
STATION : 1046
POSITION :21.34 S 168.15 E

DATE: 22 4 83
HEURE: 6 30

- 79 -

AIR=99999999 VENT=141/ 7 FOND= 9999 NP= 9

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	I10	C14	PP	CP	COPE	CHLA	LUM	ZPHA
0.	.16	.02	.01	.03	.13	.11	.72	1.000	3.62	.576	5.60	444.	.18	2087.	47.
20.	.16	0.00	.01	.01	.14	.12	.74	.200	3.13	.425	5.79	259.	.20		46.
40.	.17	.03	.01	.04	.16	.14	.62	.085	2.12	.388	4.93	333.	.23		48.
60.	.17	.04	.01	.05	.26	.16	.65	.033	1.76	.258	4.63	593.	.34		38.
80.	.19	.03	.02	.05	.23	.35	.64	.011	1.00	.298	5.01	222.	.40		60.
90.	.19	.11	.16	.27	.23	.29	.71	.005	1.00	.259	5.35	333.	.38		56.
100.	.24	.95	.13	1.08	.26	.23	.68	.002	.44	.275	5.18	148.	.31		54.
120.	.27	1.99	.06	2.05	.09	.25	.64	.001		.325	4.76	185.	.22		74.
150.	.35	3.34	.04	3.38	.03	.14	.79	0.000	.14	.276	5.45	222.	.69		84.

CROISIERE: RC0838
STATION : 1054
POSITION :21.33 S 168.15 E

DATE: 23 4 83
HEURE: 6 0

AIR=99999999 VENT=140/ 9 FOND= 9999 NP= 10

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	I10	C14	PP	CP	COPE	CHLA	LUM	ZPHA
0.	.15	.01	.01	.02	.15	.09	1.16	1.000	2.33	.241	11.02	148.	.20	2362.	37.
20.	.16	.05	.01	.06	.13	.11	.84	.200	3.89	.274	6.93	165.	.20		45.
40.	.14	.02	.01	.03	.22	.11	.58	.085	3.75	.266	4.81	259.	.28		34.
60.	.13	.02	.01	.03	.24	.12	.67	.033	1.76	.342	5.02	222.	.31		34.
80.	.16	0.00	.02	.02	.32	.23	.45	.011	.82		3.43	444.	.44		42.
90.	.17	.02	.10	.12	.28	.25	.59	.005	.77		5.93	111.	.42		47.
100.	.21	.65	.12	.77	.13	.24		.002	.82		6.38	148.	.26		64.
120.	.26	2.15	.03	2.18	.07	.22	1.04	.001	.63		6.99	333.	.19		77.
150.	.28	2.88	.04	2.92	.03	.12	.60	0.000	.48		6.48	148.	.10		80.
200.	.36	3.79	.04	3.83	0.00	.07	.09	0.000	0.00		6.03	37.	.05		98.

CROISIERE: RC0838
STATION : 1062
POSITION :21.34 S 168.15 E

DATE: 24 4 83
HEURE: 6 0

AIR=99999999 VENT=140/ 9 FOND= 9999 NP= 10

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	I10	C14	PP	CP	COPE	CHLA	LUM	ZPHA
0.	.15	.01	0.00	.01	.09	.11	.46	1.000	1.65		4.15	481.	.15	2324.	56.
20.	.15	0.00	.01	.01	.13	.07	.41	.200	1.44		4.16	111.	.18		36.
40.	.15	.03	.01	.04	.13	.08	.41	.085	2.14		3.88	148.	.17		38.
60.	.15	.02	.01	.03	.15	.16		.033	1.46		10.27	333.	.23		52.
80.	.16	.06	.01	.07	.26	.23	.31	.011	1.29		2.68	222.	.39		47.
90.	.22	.02	.02	.04	.39	.17	.39	.005	1.52		3.33	74.	.48		30.
100.	.22	.14	.17	.31	.25	.36	.46	.002	.93		2.98	185.	.44		59.
120.	.31	1.17	.08	1.25	.10	.29	.35	.001	.67		2.35	148.	.26		74.
150.	.36	2.51	.03	2.54	.04	.14	.42	0.000	.16		3.36	111.	.12		78.
200.	.54	3.20	.02	3.22	0.00	.07	.45	0.000	.33		3.89	111.	.85		98.

PREFIL 6

(RCO 83 C)

du 8 au 18 Septembre 1983

Description de la croisière

- GEK autour de Maré.
- 68 stations sonde STD (1 à 68).
- Stations avec prélèvements 18 stations
(6 radiales de 3 stations 1 à 18).
- 2 points fixes I_6 et J_6 de 3 jours chacun.

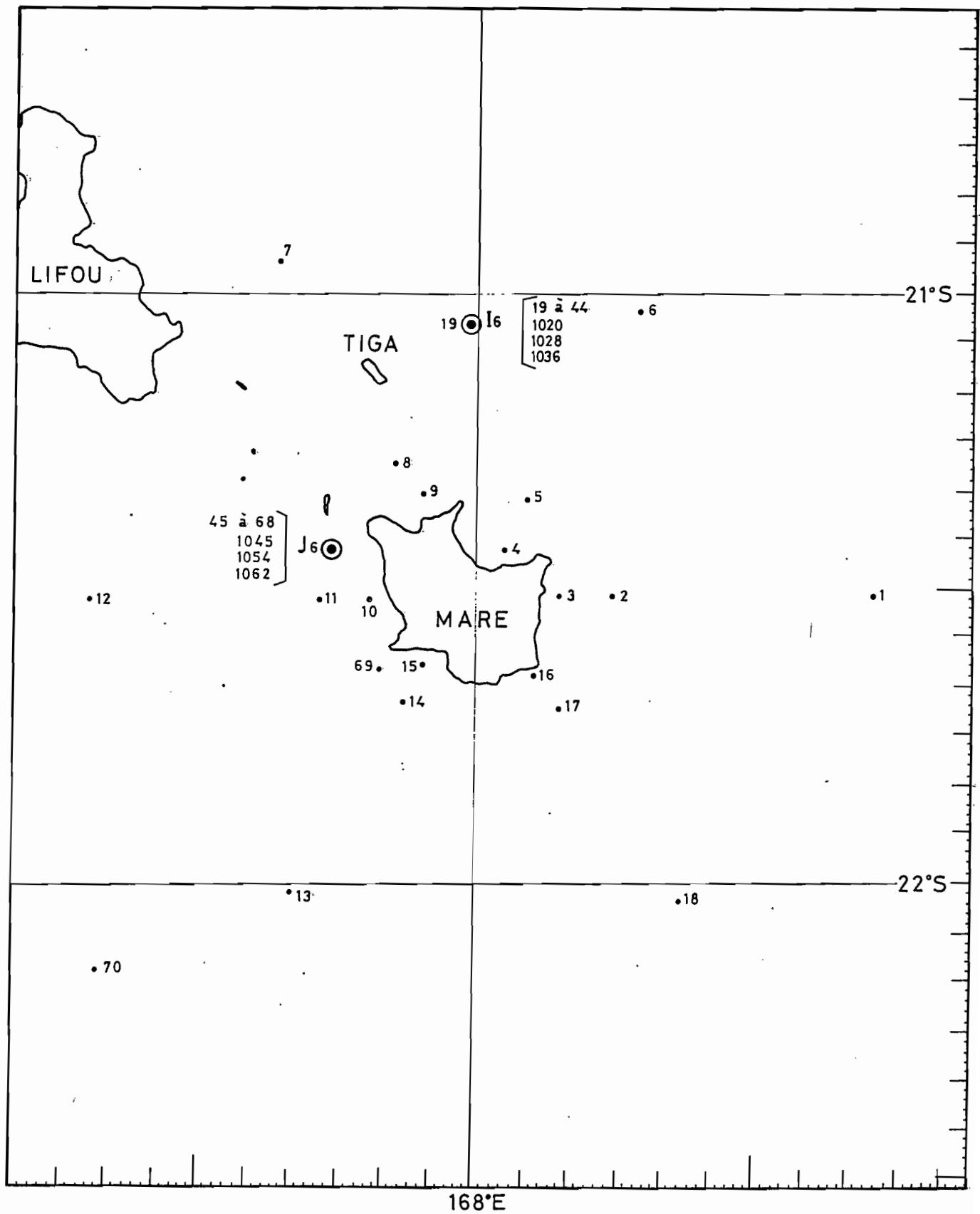
I_6 : 19 à 44 + 1020 - 1028 - 1036

J_6 : 45 à 68 + 1045 - 1054 - 1062

Remarques :

- Chlorophylle : Filtres Gelman A/E pendant les radiales.
Stations production : GF/F.
- P_p et comptages : GF/F.
- Préfiltration sur 50 μ m.
- CHN : Filtres Ag (rinçage HCl N/100 après filtration).

PREFIL 6



CROISIERE: RC083C
STATION : 1
POSITION :21.31 S 168.42 E

DATE: 10 9 83
HEURE: 11 15

- 82 -

AIR= 2259999 VENT= 23/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.83	35.78	24.30	4.95	102.9	-.14	.32	0.00	.01	.01	.02	.18	.11	90.	
25.	23.51	35.77	24.39	4.97	102.7	-.13	.25	0.00	.01	.01	.02	.08	.06	80.	
50.	23.45	35.79	24.42	4.95	102.2	-.11	.25	.09	.01	.10	.09	.10	.13	53.	
70.	23.37	35.79	24.44	5.02	103.5	-.17	.24	.01	.01	.02	.10	.08	.13	44.	
80.	23.36	35.78	24.44	4.93	101.6	-.08	.25	.16	.02	.18	.11	.12	.17	52.	
90.	23.27	35.80	24.48	4.76	98.0	.10	.29	.45	.03	.53	.19	.11	.24	37.	
100.	23.26	35.82	24.50	4.77	98.2	.09	.34	.53	.16	.69	.09	.13	.15	59.	
125.	22.44	35.65	24.61								.05	.06	.08	55.	
150.	22.06	35.69	24.74	4.52	90.9	.45	.38	1.85	.04	1.89	.04	.06	.07	68.	
175.	21.82	35.71	24.83	4.30	86.1	.70	.41	2.44	.83	2.47	.01	.04	.03	80.	
200.	21.21	35.71	25.00	4.32	85.5	.73	.48	2.72	.03	2.75	.01	.05	.03	83.	
250.	19.65	35.74	25.44	4.48	86.0	.73	.49	3.35	.03	3.38			0.00		

CROISIERE: RC083C
STATION : 2
POSITION :21.31 S 168.14 E

DATE: 10 9 83
HEURE: 16 35

AIR= 2419999 VENT= 23/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.02	35.78	24.25				.25	.04	.02	.06	.03	.03	.05	50.	.04
25.	23.61	35.76	24.35				.25	.08	.02	.10	.03	.06	.06	67.	.06
50.	23.56	35.76	24.37				.26	.09	.04	.13	.12	.26	.24	68.	.05
70.	23.44	35.76	24.40				.25	.04	.03	.07	.06	.26	.19	81.	.05
80.	23.06	35.74	24.50				.23	.01	.03	.04	.03	.22	.14	88.	.04
90.	22.94	35.73	24.52				.23	.05	.03	.08	.06	.24	.18	88.	.04
100.	22.85	35.72	24.54				.27	.47	.15	.62	.06	.26	.19	81.	.03
125.	22.18	35.68	24.72				.29	.80	.09	.89	.03	.09	.12	53.	.05
150.	21.34	35.69	24.94				.41	2.72	.04	2.76	.09	.06	.12	48.	.03
175.	20.63	35.73	25.17				.44	2.88	.04	2.92	.02	.05	.05	71.	.03
200.	19.89	35.73	25.37				.48	3.21	.05	3.24	0.00	.03	.02	99.	.03
250.	18.57	35.72	25.70				.58	3.57	.02	3.59	0.00	.03	.02	99.	.03

CROISIERE: RC083C
STATION : 3
POSITION :21.31 S 168.09 E

DATE: 10 9 83
HEURE: 18 55

AIR= 2379999 VENT= 23/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.36	35.76	24.42	4.98	102.6	-.13	.26	.01	0.00	.01	.06	.07	.10	54.	.05
25.	23.19	35.75	24.47	4.96	101.9	-.09	.25	.06	0.00	.06	.08	.08	.12	50.	.02
50.	22.78	35.71	24.55	4.95	100.9	-.04	.27	.31	.01	.32	.13	.19	.22	59.	.02
70.	22.68	35.69	24.57	4.97	101.1	-.05	.25	.18	.02	.20	.12	.17	.24	59.	.03
80.	22.61	35.69	24.59	4.94	100.4	-.02	.25	.09	.03	.12	.11	.16	.19	59.	.02
90.	22.55	35.68	24.60	4.91	99.6	.02	.25	.22	.04	.26	.11	.16	.19	59.	.04
100.	22.50	35.68	24.61	4.89	99.1	.04	.27	.31	.05	.36	.11	.16	.19	59.	.05
125.	22.34	35.69	24.66	4.79	96.8	.16	.31	.68	.03	.76	.06	.12	.12	67.	.05
150.	22.27	35.68	24.68	4.77	96.3	.18	.30	.72	.08	.80	.06	.10	.11	63.	.03
175.	21.76	35.67	24.81	4.50	90.0	.50	.33	1.49	.09	1.58	.03	.07	.07	78.	.03
200.	21.82	35.72	25.05	4.26	84.8	.81	.43	2.64	.64	2.68	.03	.04	.04	57.	.03
250.	19.72	35.71	25.39	4.29	82.5	.91	.48	3.24	.03	3.27	0.00	.03	.01	99.	0.00

CROISIERE: RCO83C
STATION : 4
POSITION :21.26 S 168.03 E

DATE: 10 9 83
HEURE: 21 33

- 83 -

AIR= 2359999 VENT= 68/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.27	35.92	24.28				.29	.01	0.00	.01	.02	.04	.04	67.	.03
25.	24.16	35.90	24.29				.27	.04	.01	.05	.03	.09	.07	75.	.05
50.	24.05	35.89	24.32				.27	.06	.01	.07	.03	.05	.06	63.	.03
70.	23.93	35.87	24.34				.25	.11	.01	.12	.03	.07	.06	70.	.02
80.	23.77	35.85	24.37				.25	.02	.01	.03	.04	.09	.08	69.	.03
90.	23.54	35.78	24.39				.25	.05	.01	.06	.04	.09	.09	69.	.01
100.	23.49	35.77	24.39				.26	.07	.01	.08	.05	.09	.09	64.	.07
125.	23.42	35.78	24.42				.26	.04	.01	.05	.06	.11	.11	65.	.02
150.	23.01	35.73	24.50				.24	.03	.02	.05	.08	.11	.13	58.	.02
175.	22.80	35.69	24.53				.23	.11	.01	.12	.07	.11	.12	61.	.02
200.	22.60	35.65	24.56				.24	.02	.02	.04	.10	.12	.16	55.	.03
250.	20.21	35.69	25.25				.42	2.99	.03	3.02	0.09	.04	.02	99.	.03

CROISIERE: RCO83C
STATION : 5
POSITION :21.21 S 168.05 E

DATE: 10 9 83
HEURE: 23 21

AIR= 2359999 VENT= 90/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.14	35.88	24.29				.29	.03	.01	.04	.02	.04	.04	67.	.08
25.	24.02	35.89	24.33				.26	.06	.01	.07	.02	.03	.04	60.	.05
50.	23.86	35.85	24.35				.26	.05	.01	.06	.06	0.00	.06	0.	.05
70.	23.79	35.82	24.34				.25	.04	.01	.05	0.00	.10	.05	99.	.04
80.	23.67	35.79	24.36				.28	.05	.01	.06	.11	.03	.09	21.	.07
90.	23.41	35.73	24.39				.26	.06	.01	.07	.04	.09	.08	69.	.05
100.	23.35	35.73	24.40				.26	.02	.02	.04	.14	.03	.15	18.	.05
125.	22.95	35.69	24.49				.32	.68	.13	.01	.13	.02	.12	13.	.11
150.	22.34	35.67	24.65				.28	1.53	.09	1.62	.11	.01	.11	8.	.07
175.	21.86	35.69	24.80				.24	1.84	.07	1.91	.08	.03	.09	27.	.03
200.	21.22	35.72	25.00				.26	2.09	.03	2.92	.02	.07	.05	78.	.05
250.	20.18	35.71	25.27				.22	3.22	.03	3.25	.02	.01	.02	33.	.01

CROISIERE: RCO83C
STATION : 6
POSITION :21.02 S 168.17 E

DATE: 11 9 83
HEURE: 2 25

AIR= 2359999 VENT= 90/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.47	35.96	24.25				.28	0.00	0.00	0.00	.02	.06	.05	75.	0.00
25.	23.93	35.78	24.27				.25	0.00	0.00	0.00	.03	.08	.07	73.	0.00
50.	23.35	35.76	24.43				.26	.02	0.00	.02	.04	.06	.07	60.	0.00
70.	23.26	35.77	24.46				.24	0.00	0.00	0.00	.09	.02	.10	18.	0.00
80.	23.25	35.76	24.46				.24	.01	0.00	.01	.05	.03	.06	38.	.06
90.	23.24	35.76	24.46				.24	.11	0.00	.11	.08	.02	.09	20.	.09
100.	23.23	35.75	24.45				.24	.19	.01	.20	.06	.08	.10	57.	.09
125.	23.04	35.70	24.47				.24	.06	.01	.07	.10	.09	.14	47.	.10
150.	22.51	35.62	24.56				.25	.11	.22	.33	.04	.15	.11	79.	.10
175.	22.13	35.64	24.69				.29	1.01	.06	1.07	.09	.03	.11	25.	.11
200.	21.48	35.70	24.91				.42	2.56	.02	2.58	.02	.08	.06	80.	.07
250.	19.68	35.73	25.42				.40	2.05	.02	2.07	.02	.03	.04	60.	.11

CROISIERE: RC083C
STATION : 7
POSITION :20.57 S 167.38 E

DATE: 11 9 83
HEURE: 6 50

- 84 -

AIR= 2359999 VENT= 68/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.31	35.95	24.29				.25	.02	0.00	.02	.04	.05	.07	56.	.03
25.	23.94	35.84	24.31				.25	.05	0.00	.05	.03	.06	.06	67.	
50.	23.38	35.70	24.37				.25	.03	0.00	.03	.07	.06	.10	46.	.05
70.	23.03	35.66	24.44				.22	.05	.01	.06	.09	.10	.14	53.	.02
80.	22.96	35.69	24.49				.22	.03	.01	.04	.08	.09	.12	53.	.03
90.	22.97	35.69	24.48				.24	.26	.06	.32	.17	.13	.24	43.	.03
100.	22.50	35.64	24.58				.30	.66	.08	.74	.08	.09	.12	53.	.05
125.	21.95	35.68	24.77				.39	2.12	.04	2.16	.06	.07	.09	54.	.06
150.	21.26	35.70	24.97				.44	2.79	.03	2.82	.03	.04	.05	57.	.02
175.	20.56	35.74	25.19				.43	2.65	.02	2.67	.01	.03	.03	75.	.02
200.	19.71	35.72	25.40				.48	3.23	.02	3.25	0.00	.02	.01	99.	.02
250.	19.22	35.72	25.53				.47	3.34	.02	3.36	0.00	.02	0.00	99.	.01

CROISIERE: RC083C
STATION : 8
POSITION :21.17 S 167.51 E

DATE: 11 9 83
HEURE: 10 8

AIR= 2369999 VENT= 45/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.11	35.84	24.26	4.89	102.2	-.11	.26	.03	.01	.04	.04	.02	.05	33.	.01
25.	24.06	35.90	24.32	4.89	102.2	-.10	.26	.10	.02	.12	.10	.07	.13	41.	.02
50.	23.51	35.77	24.39	4.89	101.1	-.05	.26	.17	.02	.19	.06	.05	.08	45.	.02
70.	23.42	35.77	24.41	4.96	102.3	-.11	.25	.07	.02	.09	.10	.03	.11	23.	.02
80.	23.39	35.76	24.42	4.91	101.3	-.06	.24	.16	.02	.18	.06	.07	.10	54.	.02
90.	23.33	35.75	24.43	4.93	101.5	-.07	.24	.07	.01	.08	.07	.06	.10	46.	.01
100.	23.05	35.66	24.44	4.95	101.4	-.07	.24	.22	.05	.27	.18	0.00	.18	0.	.01
125.	22.42	35.63	24.60	4.81	97.3	.13	.25	.30	.15	.45	.14	0.00	.14	0.	.01
150.	21.68	35.70	24.86	4.12	82.2	.89	.43	2.71	.05	2.76	.03	.05	.05	63.	.01
175.	21.06	35.70	25.03	4.10	80.9	.97	.44	2.77	.04	2.81	.05	.03	.06	38.	0.00
200.	20.50	35.72	25.20	4.19	81.8	.93	.40	3.21	.03	3.24	.03	.04	.05	57.	0.00
250.	19.45	35.71	25.47	4.28	81.9	.95	.49	3.46	.03	3.49	0.00	.04	.01	99.	0.00

CROISIERE: RC083C
STATION : 9
POSITION :21.20 S 167.54 E

DATE: 11 9 83
HEURE: 11 26

AIR= 2389999 VENT= 45/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.26	35.92	24.28				.22	.02	0.00	.02	.02	.04	.04	67.	.01
25.	24.13	35.90	24.30				.26	.04	0.00	.04	.06	0.00	.05	0.	.01
50.	23.69	35.80	24.36				.28	.07	0.00	.07	.06	.02	.07	25.	.02
70.	23.46	35.76	24.40				.26	.07	.02	.09	.06	.28	.20	82.	.02
80.	23.34	35.76	24.43				.26	.05	.02	.07	.22	.11	.28	33.	.02
90.	23.32	35.76	24.44				.25	.09	.01	.10	.17	.18	.26	51.	.01
100.	23.31	35.77	24.45				.25	.08	.01	.09	.14	.19	.23	58.	.03
125.	23.14	35.71	24.45				.25	.06	.01	.07	.16	.13	.23	45.	.02
150.	22.21	35.67	24.69				.26	.82	.10	.92	.08	.18	.17	69.	.13
175.	21.41	35.70	24.93				.29	2.22	.95	2.27	.06	.12	.12	67.	.03
200.	20.58	35.72	25.17				.38	2.70	.03	2.73	.01	.07	.04	88.	0.00
250.	19.40	35.72	25.49				.44	3.27	.03	3.30	0.00	.08	.04	99.	0.00

CROISIERE: RCO83C
STATION : 10
POSITION :21.31 S 167.48 E

DATE: 11 9 83
HEURE: 13 37

- 85 -

AIR= 2419999 VENT= 45/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.88	35.81	24.31				.24	.05	0.00	.05	.01	.06	.04	86.	0.00
25.	23.80	35.81	24.33				.24	.03	.01	.04	.01	.07	.05	88.	.13
50.	23.41	35.77	24.42				.24	.02	0.00	.02	.01	.08	.05	89.	.14
70.	23.23	35.75	24.45				.24	.02	0.00	.02	.03	.07	.07	78.	.06
80.	23.14	35.73	24.47				.24	.08	.01	.09	.04	.08	.08	67.	.07
90.	23.07	35.72	24.48				.24	.05	.01	.06	.07	.06	.10	46.	.10
100.	22.98	35.69	24.50				.26	.01	.01	.02	.06	.07	.10	54.	.39
125.	22.70	35.66	24.54				.29	.13	.01	.14	.10	.07	.13	41.	.47
150.	22.50	35.65	24.59				.26	.26	.11	.37	.11	.09	.16	45.	.10
175.	22.35	35.63	24.62				.28	.63	.13	.76	.01	.09	.05	90.	.01
200.	21.93	35.66	24.76				.36	1.44	.06	1.50	.01	.06	.04	86.	.11
250.	19.82	35.72	25.38				.46	3.11	.03	3.14	0.00	.06	.03	99.	.06

CROISIERE: RCO83C
STATION : 11
POSITION :21.31 S 167.43 E

DATE: 11 9 83
HEURE: 15 2

AIR= 2399999 VENT= 45/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.67	35.75	24.33				.21	0.00	0.00	0.00	.04	.02	.05	33.	.01
25.	23.36	35.72	24.39				.27	.05	.01	.06	.05	.04	.07	44.	.36
50.	22.76	35.68	24.54				.27	.05	.01	.06	.07	0.00	.07	0.	.51
70.	22.68	35.68	24.56				.25	.01	.01	.02	.11	.04	.13	27.	.16
80.	22.67	35.68	24.56				.24	.04	.01	.05	.09	.03	.11	25.	.11
90.	22.66	35.68	24.57				.24	0.00	.01	.01	.13	0.00	.11	0.	.35
100.	22.64	35.68	24.57				.23	.08	.01	.09	.13	0.00	.12	0.	.08
125.	22.60	35.67	24.58				.23	.08	.02	.10	.16	0.00	.13	0.	.02
150.	22.50	35.67	24.60				.28	.14	.08	.22	.09	.01	.10	10.	.38
175.	22.46	35.66	24.61				.25	.10	.09	.27	.08	.09	.12	53.	.07
200.	21.72	35.66	24.82				.35	1.32	.06	1.38	.04	.06	.07	60.	.03
250.	19.53	35.69	25.43				.43	3.23	.02	3.25	0.00	.06	.01	99.	.04

CROISIERE: RCO83C
STATION : 12
POSITION :21.31 S 167.18 E

DATE: 11 9 83
HEURE: 17 58

AIR= 2369999 VENT= 68/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.76	35.72	24.28	4.94	102.5	-12	.25	.05	.01	.06	.02	.03	.04	60.	0.00
25.	23.51	35.69	24.33	4.96	102.5	-12	.23	.03	.01	.04	.03	.04	.05	57.	.01
50.	23.42	35.70	24.36	4.95	102.1	-10	.25	.04	.01	.05	.08	.05	.11	38.	.01
70.	23.41	35.70	24.36	4.91	101.3	-06	.25	.03	.01	.04	.10	.07	.13	41.	.01
80.	23.40	35.70	24.37	4.91	101.2	-06	.24	.03	.01	.04	.11	.06	.14	35.	.04
90.	23.39	35.70	24.37	4.91	101.2	-06	.24	0.00	.01	.01	.14	.06	.17	30.	.01
100.	23.39	35.70	24.37	4.90	101.6	-05	.24	.01	.03	.04	.22	.01	.23	4.	.03
125.	23.37	35.69	24.37	4.86	100.1	-01	.25	.05	.05	.10	.11	.05	.14	31.	.00
150.	23.23	35.66	24.39	4.60	94.5	.27	.31	.69	.13	.82	.02	.04	.04	67.	.03
175.	22.06	35.71	24.76	4.86	81.6	.91	.44	2.60	.03	2.63	.02	.04	.04	67.	.01
200.	21.34	35.73	24.97	4.01	79.6	1.03	.52	3.18	.02	3.20	0.00	.02	.02	99.	.14
250.	19.94	35.71	25.34	4.04	76.0	1.14	.56	3.89	.02	3.91	0.00	.02	.02	99.	.04

CROISIERE: RC083C

STATION : 13

POSITION :21.01 S 167.40 E

DATE: 11 9 83

HEURE: 22 5

- 86 -

AIR= 2309999

VENT= 68/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.84	35.76	24.28				.25	.01	0.00	.01	.05	.04	.07	44.	.32
25.	23.69	35.74	24.31				.26	.01	0.60	.01	.04	.03	.06	43.	.08
50.	23.43	35.74	24.39				.26	.03	0.00	.03	.07	.04	.09	36.	.34
70.	23.28	35.73	24.42				.26	.04	0.00	.04	.13	.19	.22	59.	.05
80.	23.17	35.72	24.45				.26	.09	.03	.12	.30	.10	.34	25.	.11
90.	22.57	35.67	24.58				.30	1.70	.03	1.78	.10	.12	.16	55.	.05
100.	21.88	35.69	24.79				.47	2.69	.04	2.73	.04	.07	.08	64.	.06
125.	20.70	35.73	25.09				.52	3.39	.02	3.41	.02	.02	.03	50.	.12
150.	20.53	35.71	25.18				.51	3.23	.03	3.26	.01	.01	.01	50.	.09
175.	20.07	35.69	25.29				.51	3.28	.02	3.30	.01	0.00	.01	0.	.11
200.	19.67	35.69	25.39				.54	3.67	.02	3.69	0.00	0.00	0.00	0.	.08
250.	18.94	35.63	25.54				.60	4.27	.02	4.29	0.00	0.00	0.00	0.	.04

CROISIERE: RC083C

STATION : 14

POSITION :21.42 S 167.52 E

DATE: 12 9 83

HEURE: 5 45

AIR= 2299999

VENT= 23/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.80	35.75	24.29				.26	.04	.01	.05	.03	.04	.05	57.	.12
25.	23.60	35.72	24.32				.26	.11	.01	.12	.02	.04	.05	67.	.21
50.	23.50	35.70	24.34				.26	.09	.01	.10	.04	.05	.07	56.	.12
70.	23.04	35.67	24.45				.27	.75	.11	.06	.11	.07	.15	39.	.08
80.	22.91	35.67	24.49				.24	.22	.03	.25	.12	.08	.16	40.	.05
90.	22.83	35.67	24.51				.23	.13	.01	.14	.03	.09	.08	75.	.06
100.	22.76	35.68	24.54				.23	.15	.02	.17	.09	.04	.11	31.	.08
125.	22.60	35.67	24.55				.23	.08	.02	.10	.09	.04	.11	31.	.07
150.	22.57	35.67	24.58				.24	.15	.08	.23	.11	.05	.13	31.	.07
175.	22.54	35.67	24.59				.24	.16	.08	.24	.09	.04	.11	31.	.07
200.	22.19	35.63	24.66				.28	.63	.11	.74	.04	.05	.06	56.	.03
250.	19.82	35.71	25.37				.44	3.10	.03	3.13	.01	0.00	.01	0.	.08

CROISIERE: RC083C

STATION : 15

POSITION :21.38 S 167.54 E

DATE: 12 9 83

HEURE: 7 10

AIR= 2289999

VENT=*** FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.59	35.73	24.33	4.92	101.8	-.09	.25	.02	0.00	.02	.03	.02	.04	40.	.04
25.	23.59	35.72	24.33	4.93	102.0	-.10	.25	.02	.01	.03	.03	.02	.05	40.	.05
50.	23.33	35.70	24.39	4.95	101.9	-.09	.23	.02	.01	.03	.05	.05	.08	50.	.05
70.	23.09	35.69	24.45	4.97	101.9	-.09	.23	.07	.01	.08	.06	0.00	.07	0.	.04
80.	22.96	35.69	24.49	4.98	101.8	-.09	.23	.06	.01	.07	.04	.04	.06	50.	.05
90.	22.91	35.68	24.49	4.97	101.5	-.07	.23	.03	.01	.04	.03	.04	.06	57.	.05
100.	22.86	35.68	24.51	4.98	101.6	-.08	.22	.11	.01	.12	.05	.04	.07	49.	.08
125.	22.78	35.67	24.52	4.95	100.9	-.04	.23	.03	.01	.04	.09	.02	.08	18.	.14
150.	22.60	35.66	24.57	4.90	99.5	.02	.23	.12	.09	.21	.14	.02	.15	13.	.09
175.	22.40	35.66	24.62	4.76	96.3	.18	.25	.56	.13	.69	.06	.03	.08	33.	.04
200.	21.46	35.68	24.90	4.43	88.1	.60	.36	2.01	.05	2.06	.03	.01	.03	25.	.04
250.	19.73	35.73	25.41	4.34	93.5	.06	.45	3.17	.03	3.20	0.00	0.00	0.00	0.	.04

CROISIERE: RCOB3C
STATION : 16
POSITION :21.39 S 168.86 E

DATE: 12 9 83
HEURE: 9 15

- 87 -

AIR= 2309999 VENT= 23/ 1 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	22.82	35.67	24.51				.22	.18	.83	.13	.07	.01	.07	13.	.08
25.	22.72	35.68	24.55				.22	.06	.83	.09	.11	.82	.12	15.	.06
50.	22.71	35.69	24.56				.22	.05	.82	.07	.09	.07	.13	44.	.06
70.	22.67	35.69	24.57				.22	.07	.82	.09	.13	.06	.15	32.	.06
80.	22.63	35.68	24.57				.22	.04	.82	.06	.12	.05	.14	29.	.04
90.	22.62	35.68	24.58				.22	.02	.82	.04	.11	.03	.13	21.	.10
100.	22.62	35.67	24.57				.22	.03	.82	.05	.18	.05	.13	33.	.07
115.	22.60	35.67	24.58				.25	.03	.84	.07	.09	.07	.12	44.	
125.	22.56	35.67	24.59				.25	.03	.86	.09	.07	.06	.10	46.	.10
150.	22.29	35.64	24.64				.27	.66	.12	.78	.05	.83	.06	38.	.04
175.	21.72	35.65	24.81				.32	1.58	.08	1.58	.05	0.00	.05	0.	.03
200.	20.82	35.70	25.09				.42	2.78	.84	2.82	0.00	.01	0.00	99.	.03

CROISIERE: RCOB3C
STATION : 17
POSITION :21.43 S 168.09 E

DATE: 12 9 83
HEURE: 10 45

AIR= 2359999 VENT= 23/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.50	35.71	24.35				.24	0.00	.01	.01	.02	.06	.05	75.	.08
25.	23.02	35.70	24.48				.22	.02	.01	.03	.03	.05	.06	63.	.03
50.	22.82	35.69	24.53				.24	.06	.01	.07	.10	.11	.16	52.	.06
70.	22.70	35.68	24.55				.22	.05	.01	.06	.07	.07	.10	58.	.04
80.	22.66	35.67	24.56				.21	.05	.01	.06	.10	.05	.12	33.	.06
90.	22.62	35.67	24.57				.22	.14	.05	.19	.14	.09	.19	39.	.11
100.	22.59	35.67	24.58				.22	.05	.04	.09	.11	.07	.14	39.	.08
110.	22.56	35.66	24.58				.22	.07	.07	.14	.10	.03	.12	23.	.15
125.	22.39	35.65	24.62				.24	.15	.13	.28	.07	.06	.10	46.	.10
150.	22.17	35.64	24.67				.25	.42	.15	.57	.06	.06	.09	58.	.04
175.	21.74	35.66	24.81				.33	1.66	.06	1.72	.03	.04	.05	57.	.04
200.	20.59	35.78	25.16				.44	2.95	.84	2.99	0.00	.02	.01	99.	.04

CROISIERE: RCOB3C
STATION : 18
POSITION :22.02 S 168.22 E

DATE: 12 9 83
HEURE: 13 50

AIR= 2439999 VENT= 23/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.92	35.79	24.28	4.94	102.9	-.14	.24	.01	0.00	.01	.03	.05	.05	38.	.08
25.	23.64	35.79	24.37	4.95	102.6	-.12	.23	.02	0.00	.02	.04	.04	.06	58.	.08
50.	23.20	35.71	24.43	4.97	102.1	-.10	.23	.01	0.00	.01	.04	.04	.06	58.	.02
70.	22.49	35.66	24.60	5.01	101.5	-.08	.22	.26	0.00	.26	.05	.05	.08	58.	.04
80.	22.44	35.66	24.61	5.04	102.0	-.10	.22	0.00	0.00	0.00	.06	.05	.09	45.	.01
90.	22.45	35.66	24.61	5.03	101.9	-.09	.22	.02	0.00	.02	.08	.05	.11	38.	.02
100.	22.43	35.66	24.62	5.04	102.0	-.10	.22	.03	0.00	.03	.13	.03	.15	19.	.06
110.	22.41	35.65	24.61	5.01	101.4	-.07	.23	.02	.02	.04	.16	.08	.29	33.	.05
125.	22.37	35.65	24.63	5.00	101.1	-.05	.23	0.00	.04	.04	.17	.11	.23	39.	.05
150.	22.32	35.64	24.63	5.00	101.0	-.05	.23	.02	.02	.04	.11	.11	.16	50.	.14
175.	22.25	35.63	24.64	4.91	99.0	.05	.24	.14	.21	.35	.08	.04	.10	33.	0.00
200.	22.07	35.64	24.78	4.70	94.5	.27	.28	1.00	.08	1.08	.03	.04	.05	57.	.10

pas de NO₃ à 150 m ?

CROISIERE: RC083C
STATION : 20
POSITION :21.03 S 167.59 E

DATE: 13 9 83
HEURE: 4 35

- 88 -

AIR= 2309999 VENT=123/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.66	35.79	24.36	4.95	102.6	-.13	.29	.04	0.00	.04	.01	.08	.05	89.	.22
25.	23.65	35.78	24.35	4.94	102.4	-.11	.25	.04	0.00	.04			.05		.04
50.	23.39	35.77	24.42	4.96	102.3	-.11	.25	.04	0.00	.04			.06		.03
70.	23.22	35.75	24.46	4.98	102.4	-.11	.25	.01	0.00	.01			.07		.08
80.	23.20	35.74	24.46	4.95	101.7	-.08	.26	.02	0.00	.02	.04	.06	.07	60.	.05
90.	23.19	35.74	24.46	4.96	101.9	-.09	.28	.15	.01	.16			.08		.07
100.	23.19	35.74	24.46	4.95	101.7	-.08	.32	.03	.01	.04			.08		.05
110.	23.03	35.72	24.49	4.95	101.4	-.07	.33	.03	.01	.04	.03	.10	.13	56.	.08
125.	22.58	35.67	24.58	5.05	102.5	-.12	.32	.03	.01	.04			.12		.05
150.	22.35	35.63	24.62	4.95	100.0	-.00	.32	0.00	.17	.15			.14		.04
175.	22.22	35.64	24.66	4.85	97.8	.11	.32	.14	.26	.34			.07		.03
200.	21.32	35.70	24.96	4.23	83.9	.81	.45	2.52	.83	2.55	.02	.04	.04	67.	.03

CROISIERE: RC083C
STATION : 21
POSITION :21.02 S 167.59 E

DATE: 13 9 83
HEURE: 8 17

AIR=99999999 VENT=111/11 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.69	35.77	24.34					.01	0.00	.01			.06		
25.	23.57	35.77	24.37					0.00	.01	.01			.08		
50.	23.35	35.78	24.44					.03	.01	.04			.10		
70.	23.25	35.77	24.46					.03	.01	.04			.12		
80.	23.23	35.76	24.46					.05	.01	.06			.13		
90.	23.21	35.75	24.46					.03	.01	.04			.14		
100.	23.11	35.71	24.46					.03	.01	.04			.15		
110.	22.86	35.70	24.52					0.00	.02	.02			.20		
125.	22.60	35.67	24.58					0.00	.01	.01			.12		
150.	22.44	35.64	24.60					.04	.02	.06			.11		
175.	22.30	35.62	24.62					.10	.22	.32			.09		
200.	21.86	35.67	24.78					1.87	.04	1.91			.66		

CROISIERE: RC083C
STATION : 22
POSITION :21.04 S 167.56 E

DATE: 13 9 83
HEURE: 11 34

AIR= 2709999 VENT=158/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.92	35.76	24.26					.01	0.00	.01	.03	.06	.06	67.	
25.	23.66	35.77	24.34					.04	.01	.05			.10		
50.	23.37	35.76	24.42					.04	.01	.05			.12		
70.	23.20	35.73	24.45					.03	.01	.04			.07		
80.	23.18	35.73	24.45					.03	.01	.04	.06	.04	.08	40.	
90.	23.16	35.73	24.46					.05	.01	.06			.11		
100.	23.12	35.73	24.47					.02	.02	.04			.14		
110.	22.83	35.70	24.53					.04	.02	.06	.09	.15	.16	63.	
125.	22.48	35.65	24.59					.13	.02	.15			.14		
150.	22.36	35.62	24.61					.03	.17	.20			.14		
175.	22.17	35.63	24.67					.83	.10	.93			.01		
200.	20.61	35.71	25.16					3.28	.03	3.31	.01	.02	.01	67.	

CROISIERE: RC083C
STATION : 23
POSITION :21.03 S 168.00 E

DATE: 13 9 83
HEURE: 13 25

- 89 -

AIR= 2559999 VENT=123/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.48	35.75	24.09					.14	.01	.15			.04		
25.	23.60	35.75	24.35					.01	0.00	.01			.05		
50.	23.39	35.77	24.42					.05	0.00	.05			.07		
70.	23.29	35.77	24.45					0.00	0.00	0.00			.09		
80.	23.25	35.76	24.46					.06	.01	.07			.12		
90.	23.19	35.75	24.47					.06	.01	.07			.13		
100.	23.07	35.71	24.47					.01	.01	.02			.23		
110.	22.85	35.76	24.53					.01	.01	.02			.24		
125.	22.64	35.66	24.56					.01	.01	.02			.15		
150.	22.35	35.64	24.62					0.00	.09	.09			.17		
175.	22.11	35.65	24.70					1.14	.05	1.19			.08		
200.	21.29	35.70	24.97					2.64	.03	2.67			.05		

CROISIERE: RC083C
STATION : 24
POSITION :21.03 S 168.00 E

DATE: 13 9 83
HEURE: 17 15

AIR= 2379999 VENT= 90/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.26	35.79	24.18	5.00	104.8	-.23	.22	.01	.01	.02	.03	.06	.06	67.	.08
25.	23.54	35.77	24.38	5.01	103.6	-.17	.22	.02	0.00	.02			.06		.01
50.	23.33	35.77	24.44	4.98	102.6	-.13	.24	0.00	.01	0.00			.08		.03
70.	23.23	35.76	24.46	5.00	102.8	-.14	.24	0.00	0.00	0.00	.08	.06	.11	43.	.03
80.	23.23	35.76	24.46	4.99	102.6	-.13	.25	0.00	.01	0.00			.13		.06
90.	23.23	35.76	24.46	4.98	102.4	-.12	.25	0.00	.01	.01			.17		.01
100.	23.16	35.73	24.46	4.99	102.4	-.12	.26	0.00	.02	0.00	.19	.14	.25	42.	.04
110.	22.80	35.69	24.53	4.98	101.5	-.07	.26	0.00	.02	0.00			.22		.35
125.	22.54	35.66	24.59	5.00	101.4	-.07	.26	0.00	.04	.02			.14		.08
150.	22.34	35.63	24.62	4.96	100.2	-.01	.28	0.00	.16	.07			.11		.08
175.	22.12	35.64	24.69	4.59	92.4	.38	.33	1.05	.05	1.16			.04		.03
200.	21.38	35.72	24.96	4.21	83.6	.83	.44	2.65	.02	2.67	0.00	.04	.02		.01

CROISIERE: RC083C
STATION : 25
POSITION :21.02 S 167.59 E

DATE: 13 9 83
HEURE: 19 24

AIR= 2359999 VENT= 90/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.09	35.80	24.24					0.00	0.00	0.00			.04		
25.	23.40	35.77	24.42					0.00	.01	.01			.06		
50.	23.30	35.76	24.44					.01	.01	.02			.06		
70.	23.22	35.74	24.45					0.00	.01	0.00			.08		
80.	23.17	35.74	24.46					.01	.01	.02			.15		
90.	23.09	35.72	24.47					0.00	.01	0.00			.21		
100.	22.89	35.68	24.50					.01	.04	.05			.21		
110.	22.66	35.66	24.55					.01	.03	.04			.15		
125.	22.45	35.66	24.61					.01	.08	.09			.10		
150.	22.39	35.64	24.61					.05	.17	.22			.09		
175.	22.05	35.66	24.72					1.35	.05	1.40			.03		
200.	21.39	35.70	24.94					2.97	.03	3.00			.02		

CROISIERE: RC083C
STATION : 26
POSITION :21.02 S 168.00 E

DATE: 13 9 83
HEURE: 23 10

- 90 -

AIR= 2359999 VENT= 90/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.88	35.80	24.30					0.00	0.00	0.00			.05		
25.	23.51	35.76	24.38					0.00	0.00	0.00			.07		
50.	23.30	35.75	24.43					0.00	0.00	0.00			.08		
70.	23.24	35.77	24.47					.01	0.00	.01			.09		
80.	23.22	35.76	24.47					.05	.01	.06			.13		
90.	23.21	35.76	24.47					.02	0.00	.02			.14		
100.	23.19	35.76	24.47					.01	0.00	.01			.17		
110.	22.92	35.70	24.51					0.00	.01	.01			.22		
125.	22.46	35.65	24.60					0.00	.03	.02			.15		
150.	22.34	35.64	24.63					0.00	.14	.07			.15		
175.	22.14	35.66	24.70					.77	.05	.82			.09		
200.	21.50	35.69	24.90					1.95	.03	1.98			.05		

CROISIERE: RC083C
STATION : 27
POSITION :21.03 S 167.59 E

DATE: 14 9 83
HEURE: 1 33

AIR= 2359999 VENT=123/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.87	35.79	24.30					0.00	0.00	0.00			.07		
25.	23.47	35.77	24.40					.01	0.00	.01			.10		
50.	23.36	35.78	24.44					0.00	.01	.01			.12		
70.	23.23	35.78	24.48					.02	.01	.03			.17		
80.	23.22	35.77	24.47					.02	.01	.03			.18		
90.	23.21	35.76	24.47					.06	.01	.07			.17		
100.	23.13	35.73	24.47					.01	.02	.03			.21		
110.	22.69	35.68	24.56					0.00	.02	0.00			.20		
125.	22.46	35.65	24.60					0.00	.05	.03			.14		
150.	22.36	35.64	24.62					.04	.15	.19			.13		
175.	22.11	35.66	24.71					1.30	.05	1.35			.10		
200.	21.16	35.70	25.00					2.65	.02	2.67			.07		

CROISIERE: RC083C
STATION : 28
POSITION :21.04 S 168.00 E

DATE: 14 9 83
HEURE: 4 54

AIR= 2339999 VENT=123/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.79	35.79	24.32	4.94	102.6	-.13	.22	.04	.02	.06	.04	.02	.05	33.	.06
25.	23.44	35.77	24.41	4.95	102.2	-.11	.22	.06	.03	.09			.06		.01
50.	23.30	35.76	24.44	4.95	101.9	-.09	.23	.04	.03	.07			.07		.01
70.	23.25	35.76	24.46	4.96	102.0	-.10	.22	.09	.02	.11	.03	.09	.08	75.	.01
80.	23.23	35.76	24.46	4.95	101.8	-.09	.23	.09	.02	.11			.13		.01
90.	23.21	35.77	24.48	4.95	101.7	-.08	.23	.11	.01	.12			.15		.07
100.	23.09	35.71	24.46	4.94	101.3	-.06	.23	.06	.03	.09	.12	.18	.20	60.	.06
110.	22.78	35.67	24.55	4.96	100.9	-.05	.23	.05	.04	.09			.16		.10
125.	22.43	35.65	24.61	4.97	100.6	-.03	.23	.03	.16	.13			.12		.17
150.	22.39	35.65	24.62	4.94	99.9	.00	.24	.02	.18	.20			.10		.10
175.	22.31	35.64	24.64	4.93	99.6	.02	.24	.02	.25	.27			.10		.04
200.	21.87	35.68	24.79	4.94	99.0	.05	.25	.18	.05	.23	.03	.05	.06	63.	.08

CROISIERE: RCOB3C
STATION : 29
POSITION :21.04 S 168.00 E

DATE: 14 9 83
HEURE: 8 55

- 91 -

AIR= 2389999 VENT= 68/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	N14
0.	23.81	35.80	24.32				.24	.06	.01	.07					.64
25.	23.54	35.79	24.39				.23	.02	.01	.03					.28
50.	23.33	35.77	24.44				.23	.01	.01	.02					.01
70.	23.25	35.77	24.46				.23	.02	.01	.03					.01
80.	23.22	35.76	24.47				.23	.01	.01	.02					.04
90.	23.20	35.76	24.47				.24	.01	.01	.02					.03
100.	23.18	35.76	24.48				.24	.04	.01	.05					.34
110.	22.86	35.66	24.49				.24	.02	.02	.04					.28
125.	22.56	35.65	24.58				.24	.05	.06	.11					.10
150.	22.35	35.63	24.62				.24	.07	.12	.19					.03
175.	22.21	35.65	24.67				.24	.06	.21	.27					.15
200.	22.00	35.67	24.75				.27	2.99	.03	3.02					.04

CROISIERE: RCOB3C
STATION : 32
POSITION :21.04 S 168.00 E

DATE: 14 9 83
HEURE: 16 47

AIR= 2379999 VENT=123/ 7 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	N14
0.	24.06	35.79	24.24	4.91	102.5	-12					.03	.02	.04	40.	
25.	23.70	35.80	24.35	4.91	101.9	-09							.05		
50.	23.35	35.76	24.43	4.92	101.4	-07							.07		
70.	23.25	35.76	24.46	4.92	101.2	-06							.07		
80.	23.25	35.76	24.46	4.92	101.2	-06					.11	.04	.13	27.	
90.	23.24	35.77	24.47	4.92	101.2	-06							.17		
100.	23.23	35.77	24.47	4.92	101.2	-06							.17		
110.	23.15	35.74	24.47	4.89	100.4	-02					.14	.12	.19	46.	
125.	23.02	35.72	24.49	4.89	100.1	-01							.18		
150.	22.47	35.66	24.61	4.91	99.5	.03							.19		
175.	22.28	35.64	24.64	4.89	98.7	.06							.11		
200.	20.99	35.70	25.05	4.06	90.0	1.02					.01	.03	.03	75.	

CROISIERE: RCOB3C
STATION : 36
POSITION :21.04 S 168.00 E

DATE: 15 9 83
HEURE: 4 40

AIR= 2389999 VENT= 90/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	N14
0.	23.83	35.79	24.31	4.93	102.5	-12	.33	.04	.02	.06	.03	.09	.08	75.	.07
25.	23.62	35.79	24.31	4.93	102.5	-12	.32	.04	.02	.06			.08		.01
50.	23.59	35.79	24.38	4.93	102.1	-10	.31	.03	.01	.04			.13		0.00
70.	23.34	35.77	24.44	4.95	102.0	-10	.30	.03	.01	.04			.15		0.00
80.	23.31	35.77	24.45	4.98	102.5	-12	.28	.10	.02	.12			.06		.01
90.	23.27	35.77	24.46	4.96	102.1	-10	.26	.03	.01	.04			.07		.03
100.	23.24	35.76	24.46	4.92	101.2	-06	.25	.02	.02	.04	.10	.06	.13	38.	.19
110.	23.16	35.75	24.47	4.86	99.3	.01	.25	.17	.10	.27			.18		.04
125.	22.69	35.69	24.57	4.86	98.9	.06	.23	.16	.11	.27	.11	.14	.18	56.	0.66
150.	22.45	35.65	24.60	4.91	99.4	.03	.20	.05	.11	.16			.17		0.00
175.	21.98	35.67	24.75	4.34	87.1	.64	.31	1.98	.64	2.62			.09		0.00
200.	21.27	35.71	24.98	4.13	81.8	.92	.33	2.80	.03	2.33	.02	.03	.04	60.	0.00

CROISIERE: RCO83C
STATION : 39
POSITION :21.03 S 167.59 E

DATE: 15 9 83
HEURE: 11 32

- 92 -

AIR= 2529999 VENT=123/ 2 FOND= 9999 HP= 12

PR	TEMP	SAL	SIGT	OZ	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.10	35.79	24.23					.01	.01	.02	.04	.04	.06	50.	
25.	23.65	35.75	24.33					.06	.01	.07			.05		
50.	23.39	35.78	24.43					0.00	.01	.01			.07		
70.	23.33	35.77	24.44					.01	.01	.02			.08		
80.	23.31	35.77	24.45					.03	.01	.04	.08	.03	.10	27.	
90.	23.28	35.77	24.46					.02	0.00	.02			.12		
100.	23.24	35.72	24.43					.03	.01	.04			.21		
110.	22.99	35.71	24.49					.07	.06	.13	.22	.06	.24	21.	
125.	22.74	35.66	24.53					.21	.11	.32			.16		
150.	22.51	35.66	24.59					.24	.10	.34			.22		
175.	22.35	35.67	24.65					1.34	.07	1.41			.14		
200.	21.76	35.69	24.83					2.12	.04	2.16	.04	.04	.06	50.	

CROISIERE: RCO83C
STATION : 41
POSITION :21.03 S 168.00 E

DATE: 15 9 83
HEURE: 16 40

AIR= 2459999 VENT= 90/ 3 FOND= 9999 HP= 12

PR	TEMP	SAL	SIGT	OZ	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.18	35.80	24.21	4.91	162.8	-.13	.24	.61	.61	.02	.04	.07	.07	64.	.22
25.	23.43	35.75	24.40	4.91	101.3	-.06	.23	0.00	.01	.01			.05		.12
50.	23.31	35.76	24.44	4.91	101.1	-.05	.23	.03	.61	.04			.09		.06
70.	23.23	35.74	24.45	4.94	101.6	-.08	.22	.05	.01	.06			.13		.06
80.	23.20	35.73	24.45	4.92	101.1	-.05	.22	.01	.01	.02	.11	.07	.15	39.	.05
90.	23.18	35.73	24.45	4.92	101.0	-.05	.22	.03	.01	.04			.16		.08
100.	23.15	35.72	24.46	4.90	100.6	-.03	.22	.01	.01	.02			.23		.05
110.	23.04	35.71	24.48	4.88	99.9	.00	.21	.03	.04	.07	.02	.15	.28	42.	.11
125.	22.61	35.65	24.56	4.89	99.3	.03	.21	.02	.10	.12			.23		.69
150.	22.34	35.64	24.63	4.86	98.2	.09	.21	.03	.19	.22			.12		.06
175.	22.16	35.64	24.68	4.64	93.4	.33	.28	.03	.13	.96			.09		.05
200.	21.44	35.69	24.92	4.23	84.1	.00	.42	1.82	.03	1.85	.04	.04	.06	50.	.03

CROISIERE: RCO83C
STATION : 45
POSITION :21.26 S 167.44 E

DATE: 16 9 83
HEURE: 4 35

AIR= 2239999 VENT= 45/ 1 FOND= 9999 HP= 12

PR	TEMP	SAL	SIGT	OZ	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.80	35.81	24.33	4.94	102.7	-.13	.24	.02	.03	.05	.06	.07	.10	54.	.01
25.	23.70	35.79	24.35	4.95	102.7	-.13	.23	.05	.03	.08			.12		.16
50.	23.32	35.76	24.44	4.94	101.7	-.08	.23	.08	.04	.12			.13		.12
70.	23.24	35.75	24.45	4.89	100.6	-.03	.23	.05	.04	.09			.14		.08
80.	23.21	35.74	24.45	4.90	100.7	-.03	.23	.14	.05	.19	.14	.07	.17	33.	.04
90.	22.89	35.71	24.52	4.86	99.3	.04	.23	.12	.05	.17			.22		.03
100.	22.80	35.71	24.55	4.88	99.5	.02	.24	.16	.07	.23	.17	.07	.21	29.	.01
110.	22.75	35.70	24.56	4.88	99.4	.03	.24	.21	.08	.29			.16		.24
125.	22.68	35.69	24.57	4.84	98.5	.08	.23	.31	.69	.40			.14		.09
150.	22.11	35.64	24.69	4.77	96.0	.20	.27	.54	.08	.62			.12		.02
175.	21.26	35.64	24.93	4.38	86.7	.67	.37	1.97	.69	2.06			.07		.02
200.	20.55	35.70	25.17	4.25	83.0	.07	.46	2.91	.05	2.96	.02	.03	.03	60.	.01

CROISIERE: RCOB3C
STATION : 46
POSITION :21.25 S 167.44 E

DATE: 16 9 83
HEURE: 7 28

- 93 -

AIR= 2339999 VENT= 68/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.96	35.83	24.30					.03	.02	.05			.05		
25.	23.61	35.79	24.37					.02	.02	.04			.08		
50.	23.38	35.77	24.43					.08	.02	.10			.17		
70.	23.35	35.76	24.43					.08	.02	.10			.20		
80.	23.33	35.76	24.43					.05	.03	.08			.20		
90.	23.30	35.76	24.44					.04	.04	.10			.21		
100.	23.30	35.74	24.43					.07	.03	.10			.21		
110.	23.06	35.70	24.48					.13	.05	.18			.21		
125.	22.36	35.64	24.62					.30	.13	.43			.13		
150.	22.12	35.67	24.71					1.05	.09	1.14			.11		
175.	22.03	35.68	24.74					1.34	.08	1.42			.09		
200.	20.95	35.70	25.06					2.65	.04	2.89			.06		

CROISIERE: RCOB3C
STATION : 47
POSITION :21.26 S 167.44 E

DATE: 16 9 83
HEURE: 9 30

AIR= 2519999 VENT= 68/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.06	35.80	24.25					.01	0.00	.01			.03		
25.	23.65	35.78	24.35					.02	.01	.03			.06		
50.	23.48	35.77	24.40					.03	.01	.04			.10		
70.	23.45	35.76	24.40					.06	.01	.07			.15		
80.	23.43	35.76	24.40					.01	.01	.02			.16		
90.	23.42	35.75	24.40					.05	.01	.06			.18		
100.	23.38	35.74	24.40					.08	.01	.09			.22		
110.	23.18	35.73	24.45					.08	.02	.10			.20		
125.	22.61	35.64	24.55					.17	.05	.22			.20		
150.	22.15	35.66	24.70					.07	.10	.97			.09		
175.	22.07	35.67	24.73					1.04	.08	1.12			.07		
200.	21.37	35.68	24.93					2.70	.03	2.73			.07		

CROISIERE: RCOB3C
STATION : 48
POSITION :21.26 S 167.44 E

DATE: 16 9 83
HEURE: 11 55

AIR= 2589999 VENT= 23/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.37	35.87	24.21					.04	.01	.05	.29	.04	.31	12.	
25.	23.84	35.81	24.32					0.00	.05	.05			.11		
50.	23.70	35.79	24.35					.02	.02	.04			.13		
70.	23.54	35.78	24.39					.03	.05	.13	.19	.01	.24	34.	
80.	23.49	35.77	24.39					.01	.01	.02			.27		
90.	23.38	35.75	24.41					.02	.04	.06			.25		
100.	23.25	35.74	24.44					.05	.02	.07			.21		
110.	23.13	35.73	24.47					.10	.05	.13	.19	.14	.26	42.	
125.	22.54	35.66	24.59						.04				.22		
150.	22.25	35.65	24.66					.73	.10	.83			.26		
175.	21.89	35.67	24.78					1.58	.10	1.68			.18		
200.	21.52	35.67	24.88							5.07	.04	.07	.07	34	

CROISIERE: RC083C
STATION : 49
POSITION :21.23 S 167.43 E

DATE: 16 9 83
HEURE: 13 24

- 94 -

AIR= 2619999 VENT= 23/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	XPMA	NH4
0.	24.45	35.87	24.18					0.00	.02	.02			.05		
25.	23.73	35.79	24.34					.19	.02	.21			.10		
50.	23.58	35.78	24.38					.17	.04	.21			.16		
70.	23.50	35.77	24.39					.03	.03	.06			.18		
80.	23.46	35.76	24.40					.08	.04	.12			.32		
90.	23.42	35.76	24.41					.11	.05	.16			.34		
100.	23.16	35.71	24.44					.26	.06	.32			.37		
110.	22.74	35.69	24.55					.55	.09	.64			.32		
125.	22.39	35.67	24.64					.49	.11	.60			.25		
150.	22.28	35.67	24.67					.62	.16	.78			.20		
175.	22.15	35.67	24.70					1.45	.11	1.54			.15		
200.	21.75	35.67	24.82					1.80	.10	1.90			.10		

CROISIERE: RC083C
STATION : 50
POSITION :21.26 S 167.44 E

DATE: 16 9 83
HEURE: 16 48

AIR= 2509999 VENT= 23/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	XPMA	NH4
0.	24.56	35.87	24.15	4.96	164.6	-.22	.24	0.00	.01	.01	.04	.04	.06	50.	.61
25.	23.96	35.81	24.29	4.98	183.8	-.18	.23	0.00	.03	.02			.10		.02
50.	23.67	35.76	24.33	4.99	183.4	-.17	.23	.01	.03	.04			.18		.01
70.	23.21	35.75	24.46	4.99	182.5	-.12	.23	.01	.03	.04			.21		0.00
80.	23.16	35.72	24.45	4.85	99.6	.02	.26	.11	.05	.16	.02	.17	.28	46.	0.00
90.	22.89	35.71	24.52	4.78	97.6	.12	.27	.22	.07	.29			.26		.01
100.	22.64	35.69	24.58	4.81	97.8	.11	.26	.30	.08	.38			.21		.01
110.	22.43	35.66	24.62	4.80	97.2	.14	.24	.17	.11	.28			.20		.01
125.	22.20	35.65	24.67	4.71	94.9	.25	.27	.49	.11	.60	.15	.05	.17	25.	.01
150.	22.03	35.67	24.74	4.60	92.4	.38	.29	.61	.11	.72			.13		.01
175.	21.54	35.68	24.88	4.37	87.0	.65	.37	1.40	.07	1.47			.11		.01
200.	20.62	35.68	25.08	4.20	62.5	.89	.46	1.91	.05	1.96	.02	.03	.03	60.	0.00

CROISIERE: RC083C
STATION : 51
POSITION :21.26 S 167.44 E

DATE: 16 9 83
HEURE: 19 5

AIR= 2349999 VENT= 23/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	XPMA	NH4
0.	24.29	35.86	24.23					.03	.01	.04			.07		
25.	24.12	35.84	24.26					0.00	.01	.01			.08		
50.	23.73	35.79	24.34					.05	.01	.06			.07		
70.	23.48	35.77	24.40					.05	.02	.07			.08		
80.	23.30	35.74	24.43					.21	.04	.25			.26		
90.	23.02	35.71	24.49					.34	.05	.39			.23		
100.	22.59	35.69	24.59					.53	.07	.60			.22		
110.	22.24	35.64	24.66					.81	.11	.92			.17		
125.	22.07	35.67	24.73					.88	.11	.99			.12		
150.	21.96	35.67	24.76					1.15	.09	1.24			.12		
175.	21.80	35.67	24.80					1.33	.08	1.41			.10		
200.	20.97	35.66	25.02					2.59	.04	2.63			.04		

CROISIERE: RC083C
STATION : 52
POSITION :21.25 S 167.44 E

DATE: 16 9 83
HEURE: 23 4

- 95 -

AIR= 2309999 VENT= 90/ 1 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CH1A	ZPHA	NH4
0.	24.03	35.84	24.29					0.00	.01	.01				.12	
25.	23.92	35.31	24.30					.01	.01	.02				.16	
50.	23.56	35.77	24.37					0.00	.01	.01				.19	
70.	23.40	35.75	24.41					0.00	.01	.01				.22	
80.	23.27	35.74	24.44					.04	.01	.05				.35	
90.	23.17	35.73	24.46					.03	.02	.05				.28	
100.	23.02	35.72	24.49					.03	.02	.05				.28	
110.	22.96	35.71	24.50					.04	.02	.06				.28	
125.	22.64	35.69	24.58					.29	.05	.34				.24	
150.	22.51	35.68	24.61					.28	.05	.33				.23	
175.	22.21	35.67	24.69					.53	.08	.61				.17	
200.	21.68	35.68	24.84					1.31	.06	1.37				.07	

CROISIERE: RC083C
STATION : 53
POSITION :21.25 S 167.44 E

DATE: 17 9 83
HEURE: 3 15

AIR=9999999 VENT= 23/ 1 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CH1A	ZPHA	NH4
0.	23.88	35.82	24.32					.01	0.00	.01				.05	
25.	23.70	35.81	24.34					.01	0.00	.01				.07	
50.	23.46	35.77	24.40					.02	0.00	.02				.16	
70.	23.38	35.77	24.43					.01	0.00	.01				.21	
80.	23.34	35.76	24.43					.01	.01	.02				.23	
90.	23.15	35.73	24.46					0.00	.01	.01				.23	
100.	23.07	35.71	24.47					0.00	.01	.01				.30	
110.	22.98	35.70	24.49					0.00	.02	.02				.32	
125.	22.54	35.66	24.59					.12	.05	.17				.32	
150.	22.35	35.66	24.64					0.00	.13	.13				.23	
175.	22.16	35.64	24.68					.21	.10	.31				.15	
200.	21.99	35.66	24.74					.60	.07	.67				.12	

CROISIERE: RC083C
STATION : 54
POSITION :21.25 S 167.44 E

DATE: 17 9 83
HEURE: 4 38

AIR= 2259999 VENT= 45/ 1 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CH1A	ZPHA	NH4
0.	23.93	35.83	24.31	4.95	103.1	-.15	.26	0.00	.01	.01	.08	.06	.11	43.	.01
25.	23.61	35.77	24.36	4.95	102.5	-.12	.24	0.00	.01	0.00			.12		.04
50.	23.34	35.74	24.42	4.95	102.0	-.10	.25	0.00	.01	0.00			.16		0.00
70.	23.26	35.73	24.43	4.94	101.6	-.09	.25	0.00	.01	0.00	.12	.12	.17	50.	0.00
80.	23.20	35.72	24.44	4.95	101.7	-.08	.24	0.00	.01	.01			.13		.36
90.	23.02	35.69	24.47	4.91	100.5	-.03	.24	0.00	.02	.01			.22		.08
100.	22.84	35.65	24.49	4.95	101.0	-.05	.23	.01	.03	.04			.24		.01
110.	22.63	35.65	24.55	4.95	100.6	-.03	.23	.02	.03	.05	.22	.09	.26	29.	.03
125.	22.34	35.64	24.63	4.93	99.6	.02	.22	0.00	.08	.05			.21		.04
150.	22.23	35.64	24.66	4.83	97.4	.13	.25	.12	.13	.25			.17		.01
175.	22.14	35.64	24.68	4.71	94.8	.26	.28	.59	.10	.69			.11		0.00
200.	21.31	35.68	24.94	4.32	85.5	.73	.53	1.82	.05	1.87	.04	.09	.08	69.	.04

CROISIERE: RCG83C
STATION : 55
POSITION :21.25 S 167.44 E

DATE: 17 9 83
HEURE: 8 7

- 96 -

AIR= 2559999 VENT=44/44 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.87	35.81	24.31					.07	.01	.08				.08	
25.	23.75	35.77	24.32					.04	.01	.05				.12	
50.	23.36	35.75	24.42					.10	.01	.11				.16	
70.	23.22	35.74	24.45					.01	.02	.03				.17	
80.	23.15	35.73	24.46					.01	.01	.02				.27	
90.	23.02	35.70	24.48					.02	.02	.04				.28	
100.	22.78	35.67	24.52					0.00	.02	.02				.27	
110.	22.58	35.66	24.57					.01	.07	.08				.24	
125.	22.43	35.64	24.60					0.00	.15	.09				.17	
150.	22.22	35.64	24.66					.07	.13	.20				.09	
175.	21.95	35.65	24.74					1.49	.07	1.56				.09	
200.	21.18	35.68	24.98					2.35	.05	2.40				.09	

CROISIERE: RCG83C
STATION : 56
POSITION :21.25 S 167.44 E

DATE: 17 9 83
HEURE: 10 15

AIR= 2609999 VENT=44/44 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.00	35.80	24.27					0.00	.04	.03				.05	
25.	23.76	35.78	24.32					.01	.04	.05				.09	
50.	23.47	35.76	24.39					0.00	.03	.03				.09	
70.	23.36	35.71	24.39					.01	.02	.03				.09	
80.	23.29	35.74	24.43					.09	.06	.15				.20	
90.	23.28	35.74	24.43					.10	.05	.15				.21	
100.	23.28	35.74	24.43					.03	.05	.08				.38	
110.	22.73	35.67	24.54					.08	.06	.14				.29	
125.	22.53	35.65	24.58					.01	.15	.16				.24	
150.	22.28	35.63	24.64					0.00	.26	.23				.20	
175.	22.11	35.65	24.70					.01	.15	.96				.09	
200.	21.49	35.68	24.96					2.19	.09	2.28				.05	

CROISIERE: RCG83C
STATION : 57
POSITION :21.23 S 167.14 E

DATE: 17 9 83
HEURE: 13 15

AIR= 2549999 VENT=225/ 1 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.03	35.80	24.26					.02	.01	.03	.14	.07	.17	33.	
25.	23.51	35.77	24.39					.02	.02	.04			.31		
50.	23.27	35.74	24.44					.05	.02	.07			.35		
70.	23.21	35.74	24.45					.06	.02	.08	.34	.07	.37	17.	
80.	23.19	35.73	24.45					.05	.03	.08			.33		
90.	23.18	35.73	24.45					.11	.03	.14			.33		
100.	22.86	35.69	24.52					.18	.05	.23			.46		
110.	22.68	35.66	24.55					.05	.06	.11	.28	.16	.35	36.	
125.	22.54	35.65	24.58					.08	.10	.18			.30		
150.	22.30	35.65	24.65					.29	.20	.49			.33		
175.	22.13	35.65	24.69					.84	.16	1.00			.22		
200.	21.70	35.67	24.83					1.01	.10	1.71	.08	.07	.11	47.	

CROISIERE: RC083C
STATION : 58
POSITION :21.24 S 167,44 E

DATE: 17 9 83
HEURE: 16 20

- 97 -

AIR= 2489999 VENT=225/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	2PHA	NH4
0.	23.86	35.79	24.30	4.99	163.8	-.18	.22	0.00	.01	.01	.00	.04	.09	33.	.04
25.	23.47	35.76	24.39	5.00	103.3	-.16	.23	0.00	.01	.01			.28		.03
50.	23.31	35.75	24.43	4.95	101.9	-.69	.23	.04	.61	.05			.28		.02
70.	23.24	35.73	24.44	4.94	101.6	-.08	.22	.06	.01	.07			.31		.02
80.	23.20	35.72	24.44	4.92	101.1	-.05	.22	.06	.01	.07	.27	.12	.33	31.	.04
90.	23.06	35.68	24.45	4.94	101.2	-.06	.22	0.00	.01	.01			.30		.03
100.	22.94	35.70	24.50	4.93	106.8	-.04	.22	.02	.02	.04			.31		.03
110.	22.70	35.67	24.55	4.93	100.3	-.02	.22	.01	.04	.05	.22	.15	.29	40.	.03
125.	22.61	35.67	24.57	4.96	99.5	.62	.23	.13	.07	.20			.20		.06
150.	22.23	35.65	24.67	4.74	95.6	.22	.27	.51	.11	.62			.15		.03
175.	21.84	35.65	24.78	4.56	91.3	.44	.32	1.35	.07	1.42			.06		.02
200.	20.84	35.65	25.05	4.21	82.7	.68	.44	2.92	.33	2.95	.01	.03	.03	75.	.01

CROISIERE: RC083C
STATION : 63
POSITION :21.28 S 167,43 E

DATE: 18 9 83
HEURE: 11 24

AIR= 2189999 VENT=135/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	2PHA	NH4
0.	23.83	35.80	24.32	4.95	102.9	-.14	.33	0.00	0.00	0.00	.22	.02	.21	8.	.08
25.	23.83	35.79	24.31	4.98	103.6	-.17	.27	.01	0.00	.01			.26		.03
50.	23.62	35.79	24.31	4.93	102.5	-.12	.24	0.00	0.00	0.00			.13		.05
70.	23.66	35.76	24.34	4.96	102.8	-.13	.24	0.00	0.00	0.00			.17		.02
80.	22.68	35.71	24.53	4.93	100.7	-.03	.24	.01	.02	.03	.24	.11	.29	31.	.03
90.	22.72	35.67	24.54	4.95	100.8	-.04	.24	.02	.05	.07			.33		.12
100.	22.56	35.66	24.58	4.94	100.2	-.01	.23	.01	.06	.07	.24	.11	.29	31.	.02
110.	22.51	35.66	24.59	4.95	100.4	-.02	.24	0.00	.05	.04			.27		.04
125.	22.46	35.65	24.60	4.86	98.4	.08	.26	.04	.03	.12			.24		.06
150.	22.18	35.65	24.68	4.70	94.7	.26	.29	.16	.67	.23			.14		.15
175.	21.79	35.67	24.75	4.56	91.6	.42	.33	.52	.05	.57			.08		.06
200.	21.58	35.68	24.89	4.28	85.1	.75	.41	2.45	.62	2.47	.04	.04	.06	56.	.01

CROISIERE: RC083C
STATION : 65
POSITION :21.25 S 167,44 E

DATE: 18 9 83
HEURE: 18 10

AIR= 2159999 VENT=135/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	2PHA	NH4
0.	23.75	35.80	24.34	4.98	103.4	-.16	.24	0.00	.61	.01	.13	.03	.14	19.	.03
25.	23.74	35.79	24.34	4.77	103.2	-.15	.24	.02	.02	.04			.21		.04
50.	23.44	35.74	24.39	4.96	102.4	-.11	.24	0.00	.01	.01			.20		.01
70.	23.07	35.73	24.49	4.77	101.9	-.09	.24	0.00	.02	.01			.22		.01
80.	23.02	35.71	24.49	4.94	101.1	-.06	.24	.04	.05	.09	.25	.02	.29	24.	.04
90.	22.67	35.66	24.55	4.93	100.2	-.01	.24	.07	.05	.12			.33		.02
100.	22.41	35.63	24.60	4.93	99.7	.01	.24	.03	.15	.18			.27		.01
110.	22.31	35.65	24.64	4.85	98.0	.10	.25	.15	.18	.33	.15	.07	.18	32.	.03
125.	22.24	35.64	24.66	4.86	98.0	.10	.25	.18	.19	.37			.17		.03
150.	22.09	35.66	24.71	4.64	93.3	.33	.30	.65	.18	1.83			.08		.03
175.	21.65	35.66	24.84	4.39	87.6	.62	.36	1.97	.68	2.05			.07		.03
200.	20.69	35.69	25.12	4.23	82.9	.87	.45	2.99	.04	3.03	.02	.04	.04	67.	.03

CROISIERE: RCOB3C
STATION : 1020
POSITION :21.03 S 167.59 E

DATE: 13 9 83
HEURE: 5 0

- 98 -

AIR= 2309999 VENT=123/ 3 FOND= 9999 NP= 10

	PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUM	ZPHA	NH4
0.	.22	.01	.01	.02	.10	.07	1.19	1.000	1.25	.117	11.02	185.	.13	2934.	41.	.02	
25.	.22	.09	.01	.10	.09	.10	2.12	.195	1.69	.198	14.10	74.	.14		53.	.09	
50.	.22	.09	.01	.10	.09	.05	1.00	.678	1.77	.159	7.54	185.	.11		36.	.03	
80.	.22	.06	.01	.07	.10	.07	.50	.039	1.10	.100	5.00	0.	.13		41.	.17	
100.	.22	.09	.02	.11	.11	.10	.90	.028	.01	.133	1.00	111.	.16		40.	.27	
110.	.21	.07	.02	.09	.14	.12	.04	.019	.79	.162	9.78	148.	.20		46.	.29	
125.	.21	.04	.02	.06	.32	.12	1.00	.014	1.37	.235	.79	74.	.37		27.	.14	
150.	.20	.00	.03	.11	.28	.24	.40	.006	.64	.248	9.08	74.	.39		46.	.11	
175.	.21	.13	.23	.36	.14	.10	1.12	.002			2.46	37.	.19		42.	.22	
200.	.28	.05	.08	.13	.08	.05	1.16	.002	.04	.297	9.56	37.	.11		38.	.24	

CROISIERE: RCOB3C
STATION : 1028
POSITION :21.04 S 160.00 E

DATE: 14 9 83
HEURE: 5 45

AIR= 2339999 VENT=123/ 3 FOND= 9999 NP= 10

	PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUM	ZPHA	NH4
0.	.23	.03	.01	.04	.09	.05	.44	1.000	2.17	.392	5.54	296.	.11	2824.	36.	.01	
20.	.23	.03	.01	.04	.10	.05	.45	.195	1.56	.155	5.24	222.	.12		33.	.05	
50.	.23	.04	.01	.05	.16	.11	.45	.078	2.02	.237	5.55	333.	.21		41.	.01	
70.	.23	.02	.03	.05	.24	.10	.50	.039	2.03	.234	5.01	74.	.28		29.	.02	
80.	.22	.04	.03	.07	.27	.22	.37	.028	2.75	.242	5.02	185.	.38		45.	.06	
90.	.22	.05	.04	.09	.27	.22	.37	.019	1.71	.290	5.68	296.	.38		45.	.12	
100.	.22	.06	.04	.10	.26	.27	.41	.014	1.48	.321	7.75	259.	.39		51.	.14	
120.	.23	.06	.05	.11	.28	.20	.47	.006	.49	.404	3.93	111.	.37		42.	.24	
150.	.23	.02	.20	.22	.21	.10	.06	.002	.16	.322	7.31	74.	.26		32.	.14	
200.	.37	1.83	.08	1.91	.07	.08	.36	.002	.13	.313	4.68	74.	.11		53.	.36	

CROISIERE: RCOB3C
STATION : 1036
POSITION :21.04 S 168.00 E

DATE: 15 9 83
HEURE: 5 30

AIR= 2309999 VENT= 98/ 4 FOND= 9999 NP= 10

	PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUM	ZPHA	NH4
0.	.22	.05	.01	.06	.08	.08	.32	1.000		.161	4.65	37.	.12	2851.	50.	.01	
10.	.22	.05	.01	.06	.08	.08	.45	.330	2.20	.152	5.32	148.	.12		50.	.01	
20.	.23	.06	.01	.07	.08	.10	.62	.195	2.13	.176	7.23	74.	.14		56.	.09	
40.	.23	.04	.01	.05	.07	.12	.40	.105	1.67	.167	4.02	22.	.16		63.	.06	
60.	.22	.07	.02	.09	.09	.15	.32	.056	2.32	.184	4.24	296.	.19		63.	.15	
80.	.22	.08	.01	.09	.17	.17	.43	.028	1.30	.232	4.08	74.	.25		50.	.07	
100.	.23	.04	.02	.06	.16	.30	.56	.014	1.16	.219	5.22	185.	.38		65.	.04	
120.	.23	.07	.06	.13	.20	.38	.47	.006	1.00	.240	3.26	165.	.47		66.	.02	
150.	.23	.07	.09	.16	.28	.29	.47	.001	.35	.201	5.29	0.	.42		51.	.18	
200.	.42	2.32	.04	2.36	.13	.05	.39	0.000	.43	.167	2.72	37.	.11		28.	.04	

CROISIERE: RC083C
STATION : 1045
POSITION :21.26 S 167.44 E

DATE: 16 9 83
HEURE: 5 35

- 99 -

AIR= 2239999 VENT= 45/ 1 FOND= 9999 NP= 10

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUM	ZPHA	NH4
0.	.22	.02	.02	.04	.16	.03	.37	1.000		.303	3.84	37.	.18	2961.	16.	0.00
10.	.24	.11	.03	.14	.16	.07	.35	.330	3.13	.226	3.01	148.	.20		30.	.01
20.	.24	.06	.02	.08	.16	.17	.42	.195	4.26	.223	3.20	111.	.24		52.	.01
40.	.24	.05	.02	.07	.24	.11	.45	.105	4.76	.248	4.37	296.	.29		44.	.01
60.	.24	.05	.03	.08	.23	.17	.38	.056	3.56	.268	3.01	185.	.32		43.	.03
80.	.24	.15	.04	.19	.24	.22	.44	.020	2.18	.197	4.30	74.	.35		48.	.01
100.	.25	.08	.04	.12	.34	.15	.41	.014	.83	.159	4.35	296.	.41		31.	.01
120.	.26	.19	.06	.25	.45	.12	.53	.006	.54	.080	5.57	37.	.50		21.	.13
150.	.26	.50	.10	.60	.23	.23	.28	.002	.24	.197	3.28	37.	.34		50.	.04
200.	.45	2.19	.04	2.23	.05	.05	.18	0.000	.78	.136	5.31	37.	.07		58.	.13

CROISIERE: RC083C
STATION : 1054
POSITION :21.25 S 167.44 E

DATE: 17 9 83
HEURE: 5 20

AIR= 2259999 VENT= 45/ 1 FOND= 9999 NP= 10

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUM	ZPHA	NH4
0.	.22	0.00	.01	.01	.14	.11	.35	1.000		.185	4.05	148.	.19	2926.	44.	.06
10.	.22	.04	.01	.05	.14	.13	.41	.330	2.15	.130	4.22	148.	.20		48.	0.00
20.	.22	.01	.01	.02	.16	.30	.46	.195	2.25	.152	3.76	296.	.31		65.	0.00
40.	.22	0.00	.02	.02	.20	.16	.33	.105	4.35	.200	3.13	148.	.35		36.	.01
60.	.22	0.00	.02	.02	.30	.26	.46	.056	4.28	.189	4.74	148.	.43		46.	.03
80.	.22	0.00	.02	.02	.40	.17	.53	.028	3.31	.442	5.51	148.	.40		30.	.03
100.	.21	.02	.02	.04	.40	.23	.43	.014	1.18	.262	4.82	222.	.51		37.	.03
120.	.21	.01	.05	.06	.38	.34	.45	.006	.78	.278	4.72	111.	.54		47.	.03
150.	.37	.01	.14	.15	.12	.12	.38	.002	.98	.205	3.38	74.	.18		50.	.03
200.	.40	1.44	.04	1.48	.05	.09	.27	0.000	1.66	.227	4.15	74.	.09		64.	.04

CROISIERE: RC083C
STATION : 1062
POSITION :21.27 S 167.44 E

DATE: 18 9 83
HEURE: 11 10

AIR= 2179999 VENT=135/ 5 FOND= 9999 NP= 10

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUM	ZPHA	NH4
0.	.24	.02	.01	.03	.15	.09	.48	1.000		.253	6.52	74.	.26	1797.	38.	.01
10.	.23	0.00	.01	.01	.18	.08	.32	.330	3.03	.262	3.35	111.	.22		31.	0.00
20.	.23	0.00	.01	.01	.21	.06	.67	.195	3.22	.248	7.55	185.	.24		22.	0.00
40.	.23	0.00	.01	.01	.24	.16	.59	.105	1.64	.324	7.27	37.	.32		40.	0.00
60.	.23	.04	.01	.05	.34	.09	.43	.056	2.23	.215	6.16	185.	.38		21.	.05
80.	.23	.05	.07	.12	.40	.34		.028	1.69	.306	6.51	74.	.57		46.	.03
100.	.25	.06	.08	.14	.35	.34	.46	.014	1.35	.266	5.81	185.	.51		49.	.31
120.	.23	0.00	.11	.11	.35	.20	.42	.006	.19	.229	5.00	333.	.48		44.	.04
150.	.25	.38	.12	.50	.24	.17	.56	.002	0.00	.245	4.88	148.	.33		41.	.02
200.	.34	2.17	.05	2.22	.12	.10	.30	0.000	.58	.240	5.54	148.	.17		45.	.08

PREFIL 7

(RCO 83 D)

du 8 au 20 Novembre 1983

Description de la croisière

- GEK autour de Maré.
- 68 stations sondes STD
- 17 stations sonde + prélèvements (Rosette) sur 6 radiales.
- 2 points fixes : I_7 et J_7 de 3 jours chacun.

I_7 : st. 18 à 43 + 1019 - 1027 - 1036.

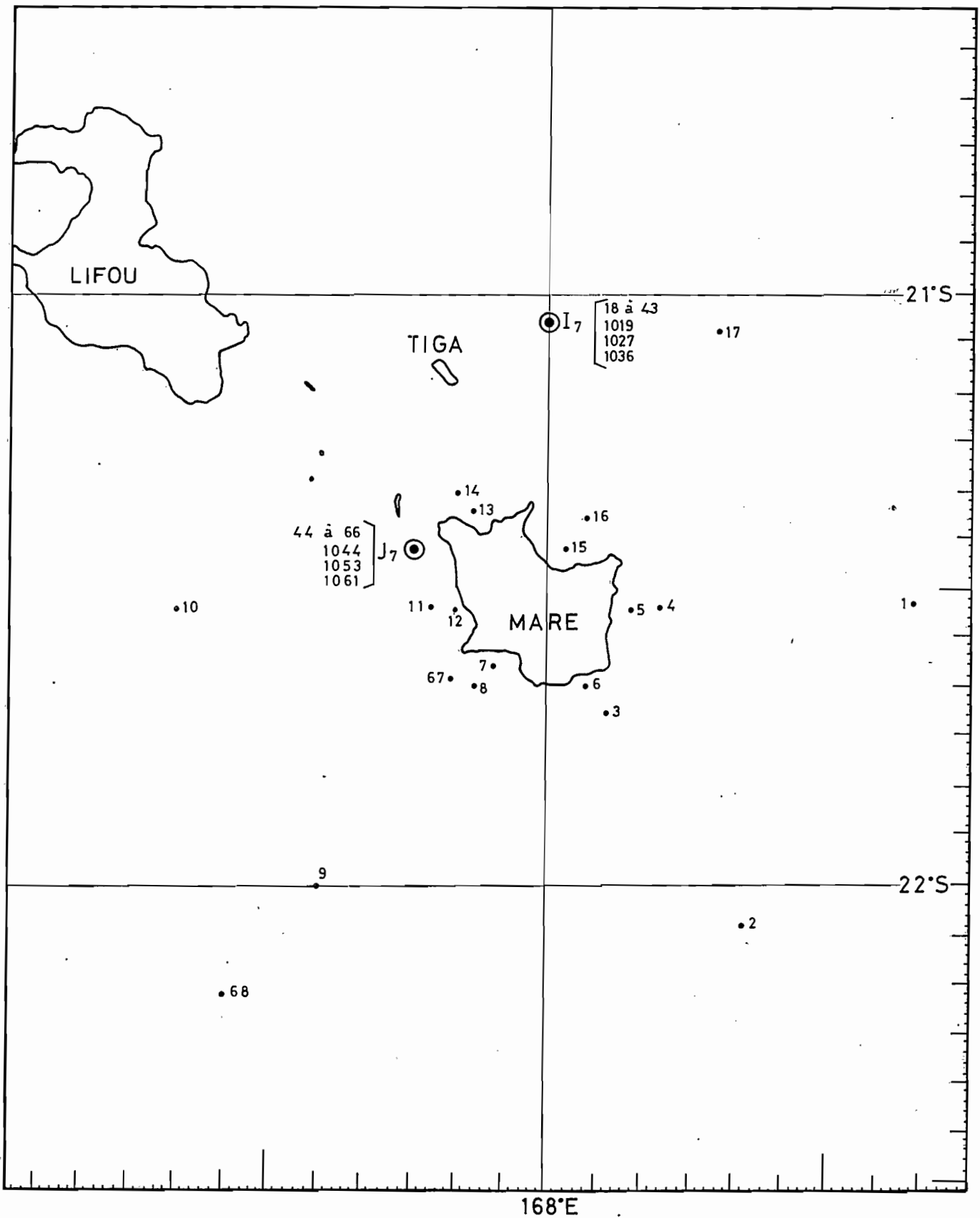
J_7 : st. 44 à 66 + 1044 - 1053 - 1061

Remarques :

- Prétamissage sur $50\mu\text{m}$.
- CHN : sur filtres Ag 0.8μ .
- Chl a et P_p : sur GF/F.
- C_p , N_p : problèmes avec le CHN (colonnes de chromato déficientes)

Chl a : à partir de la st. 58 le fluorimètre étant tombé en panne,
les chl a ont été mal conservées au congélateur et sont
trop faibles (st. 58 à 66).

PREFIL 7



CROISIERE: RC083D
STATION : 1
POSITION :21.32 S 168.39 E

DATE: 11 11 83
HEURE: 4 30

- 102 -

AIR=99999999 VENT= 68/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.56	35.86	23.84				.08	.01	0.00	.01	.05	.11	.10	69.	.21
25.	25.46	35.89	23.89				.09	.04	0.00	.04	.07	.04	.09	36.	.06
50.	24.89	35.96	24.12				.09	.04	0.06	.04	.06	.03	.07	33.	.13
70.	24.42	35.95	24.25				.09	.03	.01	.04	.09	.07	.12	44.	.09
80.	24.17	35.98	24.29				.08	.04	.01	.05	.10	.09	.14	47.	.06
90.	23.76	35.87	24.39				.09	.04	.01	.05	.16	.13	.22	45.	.25
100.	23.27	35.81	24.49				.13	.43	.06	.49	.34	.16	.42	32.	.15
125.	22.53	35.75	24.66				.10	.19	.09	.28	.21	.05	.23	19.	.08
150.	22.15	35.74	24.76				.12	.38	.17	.55	.14	.10	.18	42.	.15
175.	21.49	35.78	24.97				.25	2.23	.03	2.26	.04	.04	.06	50.	.06
200.	20.88	35.76	25.12				.25	2.09	.02	2.11	.62	.03	.04	60.	.08
250.	20.10	35.78	25.35				.27	2.52	.03	2.55	0.00	.01	.01	98.	.06

CROISIERE: RC083D
STATION : 2
POSITION :22.04 S 168.21 E

DATE: 11 11 83
HEURE: 9 37

AIR=99999999 VENT=44/44 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.08	35.89	24.01	4.85	103.3	-.15	.07	.01	0.00	.01	.04	0.00	.04	0.	
18.	24.34	35.84	24.20	5.04	105.8	-.28	.07	.04	.01	.05	.05	0.00	.05	0.	.08
50.	23.79	35.80	24.33	4.91	102.0	-.10	.07	.04	.01	.05	.06	.02	.07	25.	.09
70.	23.61	35.81	24.39	4.92	101.9	-.09	.07	.06	.01	.07	.06	.02	.07	25.	.06
80.	23.53	35.82	24.42	4.95	102.4	-.11	.06	.09	.01	.10	.07	.02	.08	22.	.02
90.	23.42	35.83	24.46	4.85	100.1	-.01	.06	.03	.01	.04	.10	.05	.13	33.	.06
100.	23.33	35.83	24.49	4.99	102.8	-.14	.07	.03	.01	.04	.12	.03	.13	20.	.06
125.	22.72	35.74	24.59	4.83	93.4	.08	.03	.05	.02	.07	.18	.15	.25	45.	.06
150.	22.14	35.71	24.74	4.49	90.4	.48	.11	.09	.02	.11	.15	.05	.17	25.	.02
175.	21.65	35.73	24.89	4.81	96.0	.20	.15	1.16	.13	1.29	.06	.04	.08	40.	0.00
200.	21.08	35.75	25.06	4.32	85.3	.75	.18	1.40	.04	1.44	.01	.01	.01	50.	0.00
250.	19.60	35.74	25.45	4.96	95.2	.25	.23	2.30	.03	2.33	.06	.02	.07	25.	0.00

CROISIERE: RC083D
STATION : 3
POSITION :21.43 S 168.06 E

DATE: 11 11 83
HEURE: 13 7

AIR=99999999 VENT=135/ 1 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.14	35.95	24.04				.07	.03	.01	.04	.03	.03	.05	50.	.11
20.	24.39	35.85	24.19				.07	.13	.01	.14	.06	.01	.06	14.	.15
50.	23.58	35.80	24.39				.08	.26	.01	.27	.06	.02	.07	25.	.34
70.	23.40	35.81	24.45				.07	.12	.01	.13	.06	.05	.09	45.	.17
80.	23.27	35.80	24.48				.06	.09	.01	.10	.10	.03	.11	23.	.06
90.	23.19	35.78	24.49				.07	.04	.01	.05	.14	.14	.14	50.	.11
100.	22.91	35.76	24.55				.07	.05	.01	.06	.17	.17	.19	50.	.06
125.	22.17	35.71	24.73				.12	1.01	.12	1.13	.20	.20	.24	9.	.02
150.	21.91	35.74	24.82				.14	1.31	.06	1.37	.12	.12	.13	50.	.08
175.	20.88	35.74	25.11				.21	2.35	.04	2.39	.03	.03	.03	50.	.02
200.	20.21	35.75	25.30				.25	2.76	.03	2.79	.01	.01	.01	50.	.02
250.	18.84	35.72	25.63				.34	3.92	.03	3.95	.01	.01	.01	50.	.02

CROISIERE: RCO83D
STATION : 4
POSITION :21.32 S 168.12 E

DATE: 11 11 83
HEURE: 15 30

- 103 -

AIR= 2439999 VENT=135/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	OZ	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.32	35.90	23.63				.05	.02	.01	.03	.03	.01	.03	25.	.03
25.	24.36	35.90	24.23				.05	.07	.02	.09	.04	0.00	.04	0.	.15
50.	23.72	35.84	24.38				.05	.09	.02	.11	.07	.02	.08	22.	.37
70.	23.17	35.80	24.51				.05	.03	.02	.05	.11	0.00	.11	0.	.21
80.	22.92	35.77	24.56				.05	.01	.02	.03	.11	.01	.11	0.	0.00
90.	22.63	35.74	24.62				.06	.04	.03	.07	.17	.18	.26	31.	0.00
100.	22.46	35.73	24.66				.10	.03	.12	.95	.21	.11	.26	34.	.01
125.	21.96	35.73	24.80				.12	.91	.10	1.09	.16	.03	.18	16.	.06
150.	21.24	35.74	25.01				.17	1.03	.05	1.08	.05	.02	.04	29.	0.00
175.	20.69	35.76	25.17				.21	2.30	.05	2.35	.01	.01	.01	50.	0.00
200.	20.38	35.75	25.25				.28	2.86	.04	2.90	.01	.01	.01	50.	0.00
250.	19.11	35.73	25.57				.31	3.61	.05	3.66	.01	.01	.01	50.	0.00

CROISIERE: RCO83D
STATION : 5
POSITION :21.32 S 168.09 E

DATE: 11 11 83
HEURE: 16 35

AIR= 2439999 VENT=135/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	OZ	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.74	35.93	23.84				.05	.02	.01	.03	.03	.09	.07	75.	.21
25.	24.55	35.89	24.17				.05	.02	.01	.03	.04	.07	.07	64.	.13
50.	23.72	35.79	24.34				.05	.04	.01	.05	.05	.06	.08	55.	.16
75.	23.09	35.70	24.52				.06	.66	.01	.07	.05	.08	.09	62.	.46
100.	22.63	35.74	24.62				.05	.05	.02	.07	.16	.16	.24	50.	.06
110.	22.50	35.72	24.64				.07	.30	.11	.41	.25	.24	.37	49.	.07
120.	22.29	35.71	24.69				.09	.57	.10	.67	.24	.20	.34	45.	.21
130.	22.11	35.72	24.75				.12	1.11	.05	1.16	.11	.17	.19	61.	0.00
150.	21.47	35.75	24.95				.15	1.47	.04	1.51	.03	.12	.09	80.	0.66
175.	20.74	35.75	25.15				.22	2.73	.03	2.76	.01	.03	.03	75.	0.00
200.	20.27	35.76	25.29				.25	2.85	.04	2.89	.01	.04	.03	80.	.04
250.	19.10	35.73	25.55				.30	3.50	.04	3.54	0.00	.05	.02	98.	0.00

CROISIERE: RCO83D
STATION : 6
POSITION :21.40 S 168.04 E

DATE: 11 11 83
HEURE: 18 30

AIR= 2399999 VENT=135/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	OZ	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.43	35.86	24.18				.04	.08	.01	.09	.14	.04	.15	22.	.04
50.	23.46	35.81	24.43				.03	.02	0.00	.02	.09	.05	.10	38.	.01
75.	22.97	35.78	24.55				.03	.02	.01	.03	.21	.11	.26	34.	.01
100.	22.66	35.75	24.62				.03	.04	.01	.05	.25	.05	.28	17.	.01
110.	22.58	35.74	24.63				.05	.21	.06	.27	.26	.07	.29	21.	.03
120.	22.19	35.73	24.74				.08	.61	.10	.71	.18	.06	.21	25.	.01
130.	21.90	35.74	24.83				.11	.98	.08	1.06	.08	.07	.11	47.	.04
140.	21.67	35.74	24.69				.12	1.17	.07	1.24	.26	.27	.39	51.	.01
150.	21.59	35.74	24.91				.13	1.33	.05	1.38	.21	.31	.35	60.	.06
175.	21.31	35.75	25.00				.15	1.60	.04	1.64	.17	.12	.23	41.	.03
200.	20.70	35.74	25.14				.18	2.10	.03	2.13	.07	.19	.16	73.	.01
250.	19.72	35.75	25.43				.27	3.24	.05	3.27	.03	.17	.12	86.	.01

CROISIERE: RCO83D
STATION : 7
POSITION : 21.38 S 167.54 E

DATE: 11 11 83
HEURE: 20 42

- 104 -

AIR= 2389999 VENT=135/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.72	35.90	24.13				.07	.03	0.00	.03	.05	.14	.11	74.	.24
50.	24.08	35.90	24.32				.06	.02	0.00	.02	.06	.07	.10	54.	.06
75.	23.52	35.84	24.44				.06	.02	0.00	.02	.08	.09	.12	53.	.04
100.	23.13	35.80	24.52				.06	.11	.01	.12	.08	.06	.11	43.	.09
110.	22.81	35.78	24.60				.06	.07	.02	.09	.32	.20	.42	38.	.04
120.	22.61	35.76	24.64				.08	.30	.12	.42	.19	.21	.29	53.	.03
130.	22.39	35.75	24.70				.10	.57	.13	.70	.16	.09	.21	36.	.10
140.	22.22	35.74	24.74				.12	.88	.11	.99	.11	.09	.16	45.	.03
150.	21.95	35.74	24.81				.15	1.14	.09	1.23	.09	.07	.13	44.	.03
175.	21.43	35.75	24.96				.18	1.65	.05	1.70	.03	.06	.06	67.	.03
200.	20.91	35.76	25.11				.20	1.91	.04	1.95	.01	.03	.03	75.	.03
250.	19.50	35.76	25.49				.28	3.12	.63	3.15	.01	.02	.02	67.	.03

CROISIERE: RCO83D
STATION : 8
POSITION : 21.48 S 167.52 E

DATE: 11 11 83
HEURE: 21 57

AIR= 2389999 VENT=135/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.25	35.97	24.02				.06	.04	0.00	.04	.05	.04	.07	44.	.09
50.	24.06	35.88	24.31				.06	.04	0.00	.04	.06	.06	.08	50.	.01
75.	23.35	35.83	24.48				.05	.01	0.00	.01	.07	.06	.09	46.	.02
100.	22.90	35.80	24.59				.05	.04	0.00	.04	.07	.09	.12	56.	.02
110.	22.79	35.78	24.60				.05	.04	.01	.05	.15	.18	.23	33.	.02
120.	22.62	35.77	24.65				.06	.13	.05	.18	.19	.23	.30	55.	.03
130.	22.13	35.74	24.76				.08	.24	.09	.33	.18	.18	.27	50.	.03
140.	21.77	35.73	24.80				.12	.96	.09	1.05	.11	.09	.16	45.	.07
150.	21.72	35.74	24.88				.14	1.28	.06	1.34	.06	.10	.11	63.	.02
175.	21.16	35.76	25.05				.17	1.79	.04	1.83	.05	.05	.07	50.	.02
200.	20.48	35.77	25.24				.21	2.28	.03	2.31	.01	.06	.04	86.	.05
250.	19.30	35.75	25.53				.28	3.26	.03	3.29	0.00	.03	.01	98.	.01

CROISIERE: RCO83D
STATION : 9
POSITION : 22.00 S 167.37 E

DATE: 12 11 83
HEURE: 1 30

AIR= 2409999 VENT= 45/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.87	35.95	24.12				.04	.05	0.00	.05	.10	.05	.12	33.	.16
50.	24.08	35.89	24.31				.05	.04	0.00	.04	.08	.07	.12	47.	.19
75.	22.98	35.75	24.55				.07	.01	.01	.02	.32	.13	.39	29.	.16
100.	22.21	35.76	24.75				.17	1.78	.20	1.98	.37	.16	.44	30.	.19
110.	21.87	35.77	24.86				.24	2.47	.14	2.61	.26	.15	.33	37.	.10
120.	21.46	35.76	24.96				.25	2.64	.06	2.70	.09	.08	.13	47.	.12
130.	21.28	35.78	25.03				.30	3.17	.04	3.21	.07	.18	.15	72.	.09
140.	21.00	35.77	25.10				.29	3.02	.04	3.06	.04	.05	.07	56.	.01
150.	20.80	35.77	25.15				.26	2.79	.03	2.82	.02	.04	.04	50.	.01
175.	20.19	35.75	25.30				.30	3.50	.03	3.53	.03	.04	.05	57.	.13
200.	19.54	35.74	25.46				.32	3.66	.03	3.69	0.00	.03	.01	98.	.04
250.	18.56	35.71	25.69				.33	3.88	.03	3.91	0.00	.04	.02	98.	.06

CROISIERE: RCO83D
STATION : 10
POSITION :21.32 S 167.20 E

DATE: 12 11 83
HEURE: 5 47

- 105 -

AIR= 2459999 VENT= 68/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.18	36.02	24.08				.07	.04	.01	.05	.07	.04	.09	36.	.04
50.	24.68	36.00	24.15				.03	.01	.01	.02	.12	.01	.13	8.	.01
75.	24.78	35.99	24.18				.09	.03	.01	.04	.08	.04	.10	33.	.10
100.	24.58	35.97	24.22				.08	.03	.01	.04	.10	0.00	.11	8.	.01
110.	24.10	35.89	24.30				.08	.04	.01	.05	.15	.07	.18	32.	.06
120.	23.52	35.82	24.42				.07	.04	.03	.07	.38	.06	.35	14.	.04
130.	23.26	35.79	24.48				.09	.27	.15	.42	.24	.14	.31	37.	.03
140.	22.89	35.76	24.56				.12	.80	.39	.69	.18	.10	.23	36.	.16
150.	22.56	35.73	24.63				.17	1.43	.06	1.49	.08	.11	.14	58.	.01
175.	21.78	35.78	24.69				.28	2.84	.04	2.83	.07	.08	.10	53.	0.00
200.	20.85	35.80	25.16				.32	3.45	.02	3.47	.04	.01	.04	20.	0.06
250.	19.68	35.74	25.43				.32	3.64	.02	3.66	0.00	.03	.02	98.	0.00

CROISIERE: RCO83D
STATION : 11
POSITION :21.32 S 167.47 E

DATE: 12 11 83
HEURE: 9 12

AIR= 2569999 VENT=110/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.34	35.97	24.00	4.39	93.9	.29	.07	.05	0.00	.05	.05	.05	.07	50.	.04
25.	24.77	35.96	24.16	4.59	97.2	.13	.03	.05	3.00	.05	.07	.01	.07	13.	.01
50.	24.20	35.90	24.28	4.85	101.6	-.08	.08	.03	0.00	.03	.08	.03	.10	27.	.03
75.	23.61	35.84	24.41	4.84	100.3	-.01	.08	.04	0.00	.04	.09	.04	.11	31.	.01
100.	23.15	35.80	24.52	4.82	99.8	.05	.12	.58	.02	.60	.46	.18	.55	28.	.01
120.	22.78	35.77	24.62	4.80	97.7	.11	.18	1.25	.11	1.36	.35	.07	.32	17.	.21
134.	22.35	35.78	24.73	4.23	85.6	.71	.23	1.89	.11	2.80	.15	.09	.20	38.	0.00
140.	22.02	35.77	24.82	4.09	82.2	.89	.25	2.07	.08	2.15	.08	.10	.13	56.	.03
150.	21.82	35.75	24.86				.24	2.09	.05	2.14	.08	.07	.12	47.	0.00
175.	21.04	35.74	25.06	4.29	84.6	.78	.21	1.80	.05	1.93	.02	.02	.03	50.	0.00
200.	20.54	35.76	25.21	4.27	83.4	.85	.25	2.27	.03	2.30	.01	.03	.02	75.	.12
250.	19.20	35.74	25.55	4.19	79.8	1.06	.34	3.68	.02	3.70	0.00	.03	.01	98.	.01

CROISIERE: RCO83D
STATION : 12
POSITION :21.32 S 167.50 E

DATE: 12 11 83
HEURE: 10 26

AIR= 2569999 VENT=165/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.73	35.91	24.13				.05	.03	.01	.04	.07	.09	.11	56.	.03
25.	24.02	35.83	24.32				.05	.03	0.00	.03	.07	.03	.09	38.	0.00
50.	23.49	35.85	24.45				.06	.03	.01	.04	.08	.03	.09	27.	.01
75.	23.05	35.79	24.54				.06	.02	.01	.03	.08	.05	.10	38.	0.00
100.	22.77	35.78	24.61				.05	.02	.01	.03	.16	.04	.18	20.	.01
120.	22.57	35.76	24.65				.06	.11	.06	.17	.27	.15	.34	36.	.01
134.	22.37	35.74	24.69				.08	.31	.14	.45	.19	.12	.25	39.	.01
140.	22.12	35.73	24.76				.10	.62	.14	.76	.15	.09	.20	38.	.01
150.	21.97	35.74	24.81				.12	1.00	.11	1.11	.11	.11	.16	58.	.01
175.	21.41	35.74	24.96				.15	1.46	.05	1.51	.07	.06	.10	46.	.01
200.	20.56	35.76	25.21				.19	2.27	.04	2.31	.02	.04	.04	67.	.03
260.	19.11	35.74	25.58				.29	3.56	.03	3.59	.01	.03	.02	75.	.01

CROISIERE: RC083D
STATION : 13
POSITION :21.22 S 167.52 E

DATE: 12 11 83
HEURE: 12 45

- 106 -

AIR= 2559999 VENT=180/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.24	35.95	24.01				.04	.03	0.00	.03	.05	.03	.06	38.	.03
25.	24.14	35.62	24.24				.05	.03	.01	.04	.08	.06	.11	43.	.01
50.	23.90	35.84	24.33				.04	.05	.01	.06	.09	.01	.09	10.	.01
75.	23.30	35.62	24.49				.05	.03	.01	.04	.07	.02	.08	22.	.03
100.	22.56	35.76	24.66				.07	.17	.06	.23	.31	.18	.40	37.	.01
120.	22.04	35.74	24.79				.12	1.01	.08	1.09	.12	.08	.16	40.	.03
130.	21.97	35.73	24.80				.14	1.24	.06	1.30	.10	.07	.13	41.	.03
140.	21.42	35.74	24.96				.16	1.50	.04	1.54	.07	.04	.09	36.	.07
150.	21.33	35.74	24.98				.17	1.57	.04	1.61	.05	.05	.07	50.	.03
175.	21.24	35.75	25.02				.17	1.63	.04	1.67	.04	.04	.06	50.	0.00
200.	20.63	35.76	25.19				.21	2.17	.03	2.20	.01	.03	.02	75.	0.00
250.	19.46	35.75	25.49				.29	3.33	.03	3.36	0.00	.03	.01	98.	0.00

CROISIERE: RC083D
STATION : 14
POSITION :21.20 S 167.50 E

DATE: 12 11 83
HEURE: 13 50

AIR= 2559999 VENT=135/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.14	35.92	24.01				.05	.07	0.00	.07					.18
50.	24.01	35.85	24.30				.04	.07	0.00	.07					.01
75.	23.55	35.83	24.42				.04	.04	.01	.05	.11	.03	.12	21.	.01
100.	23.09	35.80	24.53				.04	.03	0.00	.03	.11	.03	.12	21.	.01
110.	22.71	35.77	24.62				.05	.06	.02	.08	.45	.21	.55	32.	.04
120.	22.53	35.76	24.66				.08	.61	.08	.69	.36	.21	.46	37.	.06
130.	22.31	35.74	24.71				.10	.57	.10	.67	.20	.13	.26	39.	.15
140.	22.08	35.73	24.77				.11	.88	.09	.97	.14	.13	.20	48.	.13
150.	21.69	35.74	24.89				.15	1.42	.06	1.48	.07	.12	.13	63.	.10
175.	21.06	35.76	25.07				.19	1.88	.03	1.91	.04	.04	.06	50.	.01
200.	20.46	35.76	25.24				.23	2.74	.02	2.76	.02	.05	.04	71.	.04
250.	19.81	35.76	25.41				.28	3.03	.02	3.05	0.00	.03	.02	98.	.04

CROISIERE: RC083D
STATION : 15
POSITION :21.26 S 168.02 E

DATE: 12 11 83
HEURE: 16 53

AIR= 2519999 VENT=135/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.27	35.96	24.00				.07	.01	0.00	.01	.06	.10	.11	63.	.10
50.	23.27	35.62	24.50				.06	.03	0.00	.03	.19	.05	.21	22.	.12
75.	22.74	35.77	24.61				.07	.06	.03	.09	.30	.17	.38	36.	.10
100.	22.27	35.73	24.71				.07	.09	.03	.12	.30	.17	.38	36.	.05
110.	21.88	35.73	24.82				.16	1.35	.04	1.39	.08	.09	.12	53.	.04
120.	21.67	35.73	24.88				.23	1.58	.04	1.62	.06	.08	.10	57.	.05
130.	21.54	35.74	24.93				.27	1.67	.03	1.76	.04	.08	.08	67.	.10
140.	21.43	35.74	24.96				.27	1.79	.03	1.82	.04	.06	.07	60.	.05
150.	21.10	35.74	25.05				.29	2.13	.03	2.16	.02	.03	.04	60.	.08
175.	20.73	35.76	25.16				.30	2.46	.03	2.49	.01	.03	.02	75.	.06
200.	19.95	35.75	25.36				.34	2.98	.02	3.00	0.00	.02	.01	98.	.03
250.	19.52	35.75	25.48				.37	3.34	.02	3.36	0.00	.02	.01	98.	.03

CROISIERE: RC083D
STATION : 16
POSITION :21.23 S 168.04 E

DATE: 12 11 83
HEURE: 18 10

- 107 -

AIR= 2479999 VENT=135/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.90	35.91	23.77				.08	.08	0.00	.08	.03	.04	.05	57.	.01
42.	23.74	35.83	24.31				.05	.02	0.00	.02	.07	.07	.11	50.	.03
63.	23.64	35.81	24.38				.05	.02	0.00	.02	.09	.08	.12	47.	.01
80.	23.16	35.81	24.52				.05	.05	0.00	.05	.09	.08	.12	47.	.04
100.	22.58	35.74	24.63				.06	.08	.02	.10	.22	.17	.30	44.	.03
110.	22.22	35.73	24.73				.10	.53	.07	.65	.15	.19	.25	56.	.03
120.	22.17	35.73	24.74				.13	.02	.08	.90	.12	.14	.19	54.	.01
134.	21.95	35.73	24.80				.15	1.03	.08	1.11	.12	.14	.19	54.	.01
150.	21.31	35.74	24.99				.20	1.08	.03	1.91	.04	.04	.06	50.	.01
175.	20.00	35.75	25.14				.24	2.47	.02	2.51	.02	.04	.03	67.	.03
200.	20.82	35.76	25.35				.26	2.98	.02	3.00	.01	.04	.02	80.	.01
250.	19.16	35.74	25.56				.33	3.58	.02	3.60	0.00	.03	.02	98.	.03

CROISIERE: RC083D
STATION : 17
POSITION :21.04 S 160.18 E

DATE: 12 11 83
HEURE: 21 44

AIR= 2459999 VENT=135/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.58	36.01	23.95				.08	.03	0.00	.03	.05	.09	.09	64.	.06
50.	24.03	35.96	24.14				.08	.02	.01	.03	.06	.02	.07	25.	.09
75.	24.01	35.67	24.32				.08	.04	.01	.05	.10	.03	.12	23.	.06
100.	23.01	35.77	24.53				.09	.03	.01	.04	.09	.03	.11	25.	.04
110.	22.68	35.74	24.61				.11	.26	.05	.31	.56	.13	.62	19.	.05
120.	22.26	35.72	24.71				.15	.89	.12	1.01	.26	.17	.34	40.	.07
130.	22.01	35.72	24.78				.19	1.17	.07	1.24	.15	.21	.25	58.	.14
140.	21.72	35.73	24.87				.22	1.56	.04	1.60	.12	.08	.16	48.	.03
150.	21.43	35.75	24.96				.19	1.38	.04	1.42	.06	.08	.09	57.	.03
175.	20.09	35.77	25.13				.30	2.80	.03	2.83	.05	.05	.07	50.	.08
200.	20.25	35.78	25.31				.30	2.66	.03	2.69	.01	.05	.03	83.	.06
250.	18.94	35.72	25.60				.37	3.90	.02	3.92	.01	.02	.02	66.	.04

CROISIERE: RC083D
STATION : 19
POSITION :21.00 S 167.57 E

DATE: 13 11 83
HEURE: 4 30

AIR= 2459999 VENT=135/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.53	35.89	23.93	4.79	162.4	-.11	.06	.03	.02	.05			.08		.09
14.	25.03	35.67	24.01	4.83	162.7	-.13	.05	.02	.02	.04			.12		.07
36.	24.23	35.88	24.26	4.89	162.5	-.12	.03	.03	.02	.05			.15		.19
60.	23.29	35.81	24.48	4.91	161.1	-.05	.03	.04	.02	.06			.15		.12
70.	22.94	35.77	24.55	4.93	160.8	-.04	.04	.04	.02	.06			.24		.01
80.	22.44	35.74	24.67	4.65	98.2	.09	.05	.01	.02	.03			.38		.13
90.	22.17	35.74	24.75	4.77	96.1	.19	.06	.02	.03	.05			.59		.03
100.	21.74	35.74	24.82	4.51	90.5	.47	.12	.66	.22	.88			.30		.09
116.	21.76	35.75	24.87	4.35	87.0	.65	.18	1.25	.31	1.56			.84		.10
130.	21.37	35.76	24.99	4.23	64.0	.81	.22	2.22	.09	2.31			.42		.01
150.	21.03	35.76	25.08				.24	2.49	.05	2.54			.21		.03
200.	19.64	35.73	25.43	4.17	80.1	1.04	.30	3.45	.03	3.48			.07		.03

CROISIERE: RCO83D
STATION : 21
POSITION :21.04 S 168.01 E

DATE: 13 11 83
HEURE: 11 26

- 108 -

AIR= 2569999 VENT=115/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.86	35.84	23.73					0.00	0.00	0.00	.04	.09	.08	69.	
25.	24.59	35.92	24.18					0.00	0.00	0.00	.05	.03	.07	38.	
50.	23.63	35.85	24.41					0.00	0.00	0.00	.06	.06	.09	50.	
60.	23.42	35.84	24.47					0.00	0.00	0.00	.27	.07	.10	50.	
70.	23.16	35.80	24.51					0.00	0.00	0.00	.09	.09	.13	50.	
80.	22.67	35.78	24.58					0.00	0.00	0.00	.14	.14	.16	50.	
90.	22.55	35.75	24.65					0.00	0.00	0.00	.13	.13	.21	50.	
100.	22.29	35.73	24.71					0.00	0.00	0.00	.15	.15	.20	50.	
110.	22.17	35.74	24.75					0.00	0.00	0.00	.18	.18	.25	50.	
130.	21.87	35.75	24.84					.52	.15	.67	.49	.49	.55	50.	
150.	21.39	35.77	24.99					2.23	.09	2.32	.15	.15	.23	50.	
200.	20.41	35.78	25.27					2.42	.02	2.44	.02	.02	.03	50.	

CROISIERE: RCO83D
STATION : 23
POSITION :21.04 S 168.01 E

DATE: 13 11 83
HEURE: 17 53

AIR=99999999 VENT=106/ 9 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.45	35.87	23.88	4.95	106.1	-.28	.01	0.00	0.00	0.00	.07	.04	.09	36.	.04
25.	24.54	35.91	24.19	4.82	101.6	-.08	.01	0.00	0.00	0.00	.06	.04	.08	40.	.09
50.	24.07	35.86	24.29	4.96	103.6	-.17	.02	0.00	0.00	0.00	.06	.04	.08	40.	.03
75.	23.25	35.81	24.49	4.95	101.8	-.09	.03	0.00	0.00	0.00	.06	.06	.09	50.	.03
90.	22.90	35.79	24.58	4.83	98.7	.06	.03	.03	.01	.04	.29	.16	.36	36.	.06
100.	22.24	35.78	24.70	4.67	94.2	.29	.01	.51	.09	.60	.40	.34	.57	50.	.04
110.	22.12	35.72	24.75	4.76	94.6	.27	0.00	.38	.10	.40	.40	.20	.50	33.	.06
120.	21.93	35.73	24.81	4.24	65.1	.74	.04	.96	.08	1.04	.21	.13	.27	38.	.01
130.	21.71	35.73	24.87	4.52	96.3	.49	.66	1.29	.06	1.35	.16	.17	.24	53.	.03
140.	21.42	35.75	24.97	4.34	86.2	.69	.09	1.81	.05	1.86	.13	.10	.18	43.	.06
150.	21.02	35.76	25.08	4.21	83.0	.86	.15	2.47	.03	2.50	.07	.09	.11	56.	.03
200.	20.18	35.77	25.32	4.32	83.8	.83	.15	2.45	.02	2.47	.01	.04	.03	80.	.04

CROISIERE: RCO83D
STATION : 27
POSITION :21.03 S 168.01 E

DATE: 14 11 83
HEURE: 4 30

AIR= 2419999 VENT=115/ 7 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.57	35.95	23.90				0.00	.01	.01	.02			.08		.10
25.	24.54	35.91	24.19				0.00	.01	.01	.02			.13		.01
50.	24.37	35.95	24.27				0.00	.04	.01	.05			.16		.04
75.	23.13	35.79	24.51				0.00	.03	.01	.04			.24		.07
90.	22.68	35.75	24.61				.03	.01	.02	.03			.50		.02
100.	22.44	35.73	24.67				.05	.61	.08	.69			.92		.02
110.	22.12	35.73	24.76				.13	1.78	.06	1.84			.64		.04
120.	21.94	35.72	24.80				.12	1.59	.05	1.64			.48		.02
130.	21.56	35.73	24.91				.11	1.68	.05	1.65			.32		.09
140.	21.31	35.74	24.99				.12	1.70	.04	1.74			.19		.03
175.	20.49	35.77	25.24				.21	2.74	.03	2.77			.12		.03
250.	18.56	35.65	25.65				.32	4.05	.03	4.08			.35		.01

CROISIERE: RCO630
STATION : 30
POSITION :21.03 S 167.57 E

DATE: 14 11 83
HEURE: 11 30

- 109 -

AIR= 2509999 VENT=135/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NHA
0.	25.45	35.96	23.95					0.00	0.00	0.00	.07	.06	.16	46.	
25.	25.36	35.96	23.98					0.00	0.00	0.00	.06	.06	.08	50.	
50.	24.37	35.90	24.23					0.00	0.00	0.00	.05	.09	.10	64.	
75.	23.88	35.89	24.37					0.00	0.00	0.00	.08	.07	.11	47.	
90.	23.27	35.79	24.47					0.00	0.00	0.00	.14	.05	.16	26.	
100.	22.95	35.77	24.55					0.00	0.00	0.00	.13	.11	.18	46.	
110.	22.58	35.73	24.63					0.00	0.00	0.00	.18	.06	.21	25.	
120.	22.22	35.72	24.72					1.35	.05	1.40	.25	.18	.34	42.	
130.	22.02	35.73	24.79					1.58	.04	1.62	.16	.04	.18	20.	
140.	21.72	35.73	24.87					1.55	.04	1.59	.14	.04	.16	22.	
175.	20.92	35.75	25.10					2.24	.02	2.26	.06	.05	.08	45.	
250.	19.23	35.71	25.52					3.41	.02	3.43	0.00	.02	.01	98.	

CROISIERE: RCO830
STATION : 32
POSITION :21.03 S 168.00 E

DATE: 14 11 83
HEURE: 17 25

AIR= 2469999 VENT=135/ 8 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NHA
0.	25.48	35.92	23.91	4.93	165.7	-.27	0.06	0.00	0.00	0.00	.05	.02	.06	29.	.06
25.	24.58	35.89	24.16	5.00	165.5	-.26	.01	0.00	0.00	0.00	.06	.06	.08	50.	.28
50.	23.94	35.87	24.34	5.06	165.5	-.26	.01	0.00	0.00	0.00	.08	.07	.11	47.	.34
75.	23.40	35.83	24.47	5.07	164.6	-.22	.01	0.00	0.00	0.00	.10	.03	.12	23.	.01
90.	22.83	35.77	24.59	5.06	162.0	-.10	.01	0.00	0.00	0.00	.20	.02	.21	10.	.01
100.	22.22	35.72	24.72	4.89	98.6	.07	.01	.06	.05	.11	.51	.47	.73	48.	.01
110.	22.05	35.73	24.78	4.85	97.5	.12	.01	.10	.09	.19	.46	.17	.54	27.	.04
120.	21.83	35.73	24.84	4.37	87.5	.62	.09	1.63	.03	1.86	.16	.17	.24	52.	.04
130.	21.55	35.73	24.92	4.37	87.0	.65	.13	2.04	.03	2.07	.14	.04	.16	22.	.09
140.	21.30	35.74	24.99	4.53	87.8	.51	.09	1.59	.03	1.62	.06	.06	.08	50.	.01
175.	20.69	35.76	25.17				.15	2.50	.02	2.52	.02	.03	.04	60.	.13
250.	18.93	35.69	25.58	4.28	81.0	1.00	.24	3.67	.01	3.68	0.00	.02	.01	98.	.03

CROISIERE: RCO830
STATION : 36
POSITION :21.04 S 168.01 E

DATE: 15 11 83
HEURE: 4 30

AIR= 2389999 VENT=135/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NHA
0.	25.16	35.96	24.04	4.90	164.5	-.21	0.00	.07	.01	.08			.08		.63
25.	25.15	35.96	24.04	4.65	163.4	-.16	0.00	.04	0.00	.04			.12		.19
50.	24.17	35.90	24.29	5.00	164.7	-.22	0.00	.02	0.00	.02			.17		.04
80.	23.59	35.83	24.41	4.90	163.1	-.15	0.00	.06	0.00	.06			.21		.01
90.	23.86	35.78	24.53	5.20	166.6	-.32	0.00	.06	.01	.07			.48		0.06
100.	22.62	35.74	24.62	4.90	161.2	-.06	.01	.02	0.00	.02			.57		0.00
110.	22.36	35.73	24.69	4.99	160.9	-.05	.01	.02	.01	.03			.71		0.00
120.	22.11	35.73	24.76	4.51	90.8	.46	.01	.05	.02	.07			.87		0.00
130.	21.92	35.74	24.82	4.68	93.9	.31	.01	.44	.10	.62			1.00		0.00
140.	21.70	35.74	24.68	4.55	90.7	.46	.08	1.39	.13	1.52			.58		0.00
150.	21.44	35.75	24.96	4.34	86.3	.69	.12	2.07	.07	2.14			.42		.63
200.	20.16	35.77	25.32	4.50	57.3	.65	.25	2.61	.03	2.64			.07		0.00

CROISIERE: RC083D
STATION : 39
POSITION :21.05 S 167.59 E

DATE: 15 11 83
HEURE: 11 30

- 110 -

AIR= 2419999 VENT=135/ 9 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	N14
0.	25.16	35.97	24.04					0.00	0.00	0.00	.05	.05	.07	50.	
25.	25.14	35.96	24.04					0.00	0.00	0.00	.05	.06	.08	55.	
50.	24.67	35.93	24.10					0.00	0.00	0.00	.06	.07	.09	54.	
80.	23.74	35.86	24.39					0.00	0.00	0.00	.08	.07	.11	47.	
90.	23.40	35.80	24.42					0.00	0.00	0.00	.12	.05	.15	29.	
100.	23.15	35.81	24.52					0.00	0.00	0.00	.12	.06	.15	33.	
110.	22.81	35.77	24.59					0.00	0.00	0.00	.12	.07	.16	37.	
120.	22.57	35.75	24.64					0.00	0.00	0.00	.20	.02	.21	9.	
130.	22.31	35.73	24.70					0.00	.01	0.00	.25	.16	.33	39.	
140.	22.00	35.73	24.77					.47	.18	.65	.23	.15	.31	39.	
150.	21.92	35.74	24.82					1.01	.19	1.20	.16	.17	.24	52.	
200.	20.83	35.76	25.14					2.10	.04	2.14	.02	.04	.04	67.	

CROISIERE: RC083D
STATION : 41
POSITION :21.03 S 168.01 E

DATE: 15 11 83
HEURE: 17 15

AIR= 2369999 VENT=135/ 9 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	N14
0.	25.24	35.95	24.01				0.00	0.00	0.00	0.00	.04	.04	.06	50.	.13
25.	25.22	35.94	24.00				0.00	0.00	0.00	0.00	.05	.03	.08	62.	.04
50.	24.39	35.88	24.21				0.00	0.00	0.00	0.00	.07	.07	.10	50.	.03
80.	23.20	35.80	24.50				0.00	0.00	0.00	0.00	.08	.07	.11	47.	.01
90.	23.12	35.80	24.52				0.00	0.00	0.00	0.00	.12	.07	.16	37.	.01
100.	22.90	35.78	24.57				0.00	0.00	0.00	0.00	.13	.07	.16	35.	.04
110.	22.66	35.76	24.63				0.00	0.00	0.00	0.00	.13	.08	.17	38.	.03
120.	22.42	35.74	24.68				.01	.03	.07	.15	.27	.20	.36	43.	.34
130.	22.10	35.73	24.76				.01	.02	.63	.05	.32	.05	.34	14.	.04
140.	21.91	35.73	24.82				.06	.50	.21	.71	.22	.15	.29	41.	.01
150.	21.71	35.74	24.88				.12	1.42	.20	1.62	.13	.09	.17	41.	.06
200.	20.26	35.75	25.28				.19	2.74	.06	2.80	.01	.02	.02	67.	.03

CROISIERE: RC083D
STATION : 44
POSITION :21.26 S 167.45 E

DATE: 16 11 83
HEURE: 4 42

AIR= 2289999 VENT=135/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	N14
0.	25.31	36.00	24.02	4.82	103.1	-.15	.02	0.00	0.00	0.00			.13		.04
50.	24.73	35.89	24.12	5.04	106.6	-.31	.02	0.00	0.00	0.00			.17		.25
80.	23.45	35.81	24.44	4.87	100.6	-.63	.02	.04	.02	.06					.04
90.	23.22	35.80	24.50	4.86	99.7	.00	.02	.04	.02	.06			.34		.07
100.	23.12	35.79	24.52	4.86	98.5	.07	.03	.18	.63	.21			.36		.03
110.	22.61	35.75	24.63	4.81	97.7	.11	.02	.36	.07	.43			.82		.04
120.	22.38	35.74	24.69	4.89	98.9	.05	.03	.39	.06	.45			.75		.04
130.	22.15	35.73	24.75	4.49	90.4	.47	.33	.51	.06	.57			.64		.06
140.	22.04	35.73	24.78	4.68	94.1	.29	.66	.83	.67	.90			.53		.04
150.	21.65	35.72	24.83	4.57	91.5	.42	.00	1.23	.05	1.28			.46		.13
200.	20.73	35.74	25.15	4.37	85.7	.73	.17	2.44	.04	2.48			.16		.06
250.	19.40	35.74	25.50	4.35	83.1	.68	.23	3.22	.03	3.25			.00		.07

CROISIERE: RC083D
STATION : 47
POSITION :21.27 S 167.45 E

DATE: 16 11 83
HEURE: 11 11

- 111 -

AIR= 2559999 VENT= 96/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.27	35.96	24.02					0.00	0.00	0.00	.06	.03	.07	33.	
60.	24.97	35.93	24.07					0.00	0.00	0.00	.06	.06	.08	50.	
70.	24.09	35.84	24.27					0.00	0.00	0.00	.06	.08	.10	57.	
80.	23.73	35.84	24.38					0.00	0.00	0.00	.08	.08	.12	50.	
90.	23.41	35.81	24.45					0.00	0.00	0.00	.20	.15	.27	43.	
100.	23.31	35.81	24.48					0.00	0.00	0.00	.16	.15	.23	71.	
110.	23.06	35.78	24.53					.21	.08	.29	.14	.13	.26	48.	
120.	22.35	35.73	24.67					.40	.13	.61	.13	.10	.18	43.	
130.	22.04	35.72	24.77					.66	.11	.77	.13	.09	.17	41.	
150.	21.75	35.73	24.06					1.55	.00	1.63	.09	.09	.13	50.	
175.	21.36	35.74	24.98					2.24	.06	2.30	.06	.06	.68	50.	
200.	20.92	35.74	25.10					2.26	.05	2.31	.02	.04	.04	67.	

CROISIERE: RC083D
STATION : 49
POSITION :21.26 S 167.44 E

DATE: 16 11 83
HEURE: 17 30

AIR= 2459999 VENT= 90/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.46	35.97	23.95	4.92	105.5	-.26	.01	0.00	0.00	0.00	.06	.03	.07	33.	.09
60.	24.71	35.89	24.12	4.98	105.3	-.25	.61	0.00	0.66	0.00	.08	.12	.13	60.	.63
70.	23.71	35.84	24.38	4.96	102.9	-.14	0.00	0.00	0.00	0.00	.15	.08	.19	35.	.01
80.	23.57	35.83	24.42	4.98	103.1	-.15	0.00	0.00	0.00	0.00	.18	.06	.21	25.	.03
90.	23.38	35.82	24.46	4.87	100.4	-.02	0.00	.03	.02	.05	.32	.20	.42	38.	0.00
100.	23.08	35.80	24.54	4.78	98.0	.10	.02	.11	.65	.16	.47	.11	.53	19.	.01
110.	22.69	35.70	24.58	4.98	101.0	-.09	.02	.07	.04	.11	.30	.20	.40	40.	.04
120.	22.40	35.75	24.67	4.47	96.6	.46	.02	.12	.68	.26	.27	.20	.36	43.	.04
130.	22.08	35.73	24.77	4.71	94.8	-.26	.07	.93	.09	1.02	.13	.10	.18	43.	.01
150.	21.87	35.73	24.83	4.67	93.6	.32	.07	.68	.12	.86	.12	.09	.16	43.	.01
175.	21.45	35.74	24.95				.12	1.73	.06	1.79	.96	.07	.09	54.	
200.	20.77	35.76	25.15	4.27	83.8	.82	.17	2.85	.64	2.89	.02	.05	.04	71.	.64

CROISIERE: RC083D
STATION : 53
POSITION :21.26 S 167.45 E

DATE: 17 11 83
HEURE: 4 26

AIR= 2359999 VENT= 90/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.35	35.92	23.95	4.84	103.6	-.17	0.00	0.00	0.00	0.00			.11		.03
26.	25.31	35.96	23.99	4.87	104.2	-.19	0.00	0.00	0.00	0.00			.16		.03
63.	24.57	35.84	24.13	4.98	105.0	-.24	0.00	0.00	0.00	0.00			.19		.03
80.	23.83	35.82	24.33	4.96	103.2	-.15	0.00	0.00	0.00	0.00			.23		.04
90.	23.43	35.81	24.44	5.02	103.6	-.18	0.00	0.00	0.00	0.00			.50		.61
100.	23.17	35.78	24.49	5.02	103.1	-.15	0.00	0.00	0.00	0.00			.68		.16
120.	22.49	35.73	24.65	4.93	100.0	.00	.01	.17	.05	.22			.05		.16
130.	22.25	35.72	24.71	4.50	90.8	.46	.01	.17	.05	.22			.72		.03
150.	21.78	35.72	24.84	4.65	93.0	.35	.68	1.04	.67	1.11			.43		.63
175.	21.03	35.75	25.07	4.50	68.9	.57	.12	1.69	.03	1.92			.19		.01
200.	20.41	35.75	25.24	4.45	86.7	.68	.17	2.43	.03	2.46			.12		.03
250.	19.57	35.76	25.47	4.36	24.0	.83	.23	3.24	.02	3.26			.06		.03

CROISIERE: RC083D
STATION : 56
POSITION :21.26 S , 167.44 E

DATE: 17 11 83
HEURE: 11 23

- 112 -

AIR= 2609999 VENT= 80/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.36	35.96	23.98					0.00	0.00	0.00	.07	.04	.69	36.	
60.	25.21	35.96	24.02					0.00	0.00	0.00	.11	.09	.15	45.	
70.	24.94	35.92	24.07					0.00	0.00	0.00	.11	.09	.16	45.	
80.	23.94	35.83	24.31					0.00	0.00	0.00	.12	.05	.15	29.	
90.	23.85	35.83	24.33					0.00	0.00	0.00	.16	.05	.18	24.	
100.	23.21	35.77	24.40					0.00	0.00	0.00	.20	.01	.21	5.	
110.	22.89	35.76	24.56					.83	.02	.05	.36	.16	.38	35.	
120.	22.54	35.73	24.64					.02	.01	.03	.25	.14	.32	36.	
140.	22.25	35.73	24.72					.02	.05	.07	.18	.23	.29	56.	
150.	22.05	35.72	24.77					.24	.15	.39	.18	.13	.24	42.	
160.	21.93	35.73	24.81					.39	.17	.56	.16	.11	.22	41.	
200.	20.64	35.75	25.18					2.51	.05	2.56	.02	.03	.03	60.	

CROISIERE: RC083D
STATION : 58
POSITION :21.26 S 167.45 E

DATE: 17 11 83
HEURE: 20 30

panne fluo
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AIR= 2409999 VENT= 90/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.37	35.97	23.98	4.88	104.5	-.21	0.00	0.00	6.60	0.00	.01	.03	.03	75.	.03
30.	25.31	35.96	23.99	4.88	104.4	-.20	0.00	0.00	0.00	0.00	.02	.04	.04	67.	.01
60.	24.83	35.92	24.11	4.96	105.1	-.24	0.00	0.00	6.06	0.00	.03	.05	.05	63.	.03
80.	23.58	35.82	24.41	5.00	103.5	-.17	0.00	0.00	0.00	0.00	.03	.05	.06	63.	.15
90.	23.37	35.81	24.46	4.99	102.9	-.14	0.00	0.00	0.00	0.00	.06	.09	.10	60.	.12
100.	23.02	35.77	24.53	4.74	101.2	-.06	0.00	0.00	.01	0.00	.10	.05	.12	33.	.01
110.	22.52	35.74	24.65	4.90	99.4	.03	0.00	.10	.65	.15	.10	.05	.12	33.	.03
120.	22.37	35.73	24.67	4.84	97.7	.10	.01	.11	.05	.16	.08	.05	.11	38.	.03
140.	22.20	35.74	24.74	4.76	96.0	.20	.03	.29	.09	.38	.08	.05	.11	38.	.01
150.	22.11	35.74	24.77	4.73	95.2	.24	.04	.45	.11	.56	.10	.06	.12	38.	.01
175.	21.49	35.72	24.93	4.51	89.7	.52	.12	1.62	.04	1.66	.03	.03	.04	50.	.01
200.	20.65	35.75	25.18	4.42	86.6	.69	.10	2.28	.03	2.31	.01	.01	.01	50.	

CROISIERE: RC083D
STATION : 61
POSITION :21.26 S 167.45 E

DATE: 18 11 83
HEURE: 4 34

AIR= 2399999 VENT= 90/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.29	35.95	23.99	4.82	103.0	-.14	.01	.01	0.00	.01	.02	.02	.03	50.	.03
60.	24.92	35.91	24.07	4.89	103.0	-.18	.03	.01	0.00	.01	.03	.02	.03	40.	.08
80.	23.63	35.81	24.38	4.99	103.4	-.16	.01	.01	0.00	.01	.06	.05	.09	45.	.08
90.	23.20	35.78	24.49	5.01	103.0	-.14	0.00	.01	0.00	.01	.06	.05	.08	45.	0.00
100.	23.00	35.76	24.53	4.92	100.7	-.04	.01	.01	0.00	.01	.09	.05	.12	36.	.03
110.	22.37	35.71	24.67	4.88	98.7	.06	.02	.20	.07	.27	.07	.07	.12	44.	.05
130.	22.22	35.72	24.72	4.40	88.7	.56	.05	.41	.09	.50					.34
150.	21.75	35.73	24.86	4.56	91.2	.44	.11	1.37	.06	1.43	.03	.04	.06	57.	.01
160.	21.49	35.73	24.93	4.49	89.3	.54	.14	1.65	.05	1.76	.03	.03	.04	50.	.01
175.	21.24	35.74	25.01	4.40	88.7	.57	.17	1.81	.05	1.84	.02	.03	.03	60.	0.00
200.	20.73	35.73	25.14	4.43	86.9	.67	.20	2.26	.03	2.29	0.00	.01	.01	98.	0.00
250.	19.42	35.73	25.49	4.34	83.0	.89	.25	3.20	.02	3.22	0.00	.01	0.00	98.	0.00

CROISIERE: RC083D
STATION : 64
POSITION :21.25 S 167.43 E

DATE: 18 11 83
HEURE: 11 27

- 113 -

AIR= 2569999 VENT= 96/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CH1A	ZPHA	NH4
0.	25.37	35.96	23.97					0.00	0.00	0.00	.01	.02	.02	67.	
60.	24.61	35.69	24.15					0.00	0.00	0.00	.03	.03	.04	50.	
80.	24.12	35.86	24.28					0.00	0.00	0.00	.03	.03	.04	50.	
90.	23.40	35.79	24.44					0.00	0.00	0.00	.03	.04	.05	57.	
100.	23.01	35.78	24.54					0.00	.01	.01	.06	.06	.08	56.	
110.	22.92	35.76	24.55					.03	.01	.04	.09	.07	.13	44.	
120.	22.55	35.72	24.63					.10	.07	.17	.00	.08	.12	50.	
130.	22.22	35.71	24.71					.30	.10	.40	.05	.10	.10	67.	
140.	21.93	35.72	24.80					.57	.18	.75	.05	.08	.09	62.	
160.	21.79	35.73	24.85					1.10	.11	1.21	.05	.11	.09	79.	
180.	21.46	35.74	24.95					1.63	.08	1.71	.03	.08	.06	73.	
200.	20.87	35.75	25.12					2.16	.07	2.23	.01	.03	.02	75.	

CROISIERE: RC083D
STATION : 66
POSITION :21.26 S 167.44 E

DATE: 18 11 83
HEURE: 16 30

AIR= 2569999 VENT= 86/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CH1A	ZPHA	NH4
0.	25.46	35.97	23.95	5.34	114.5	-.68	.61	0.00	0.00	0.00	.01	.03	.02	75.	.61
60.	24.28	35.65	24.22	5.21	107.3	-.44	.31	0.00	0.00	0.00	.03	.03	.04	50.	.01
80.	23.56	35.82	24.41	5.04	104.3	-.21	.01	0.00	0.00	0.00	.04	.07	.07	64.	.01
90.	23.45	35.81	24.44	5.02	103.7	-.18	.01	0.00	0.00	0.00	.05	.06	.07	55.	.01
100.	23.02	35.77	24.53	5.04	103.2	-.16	.63	0.00	0.00	0.00	.09	.07	.12	44.	.61
110.	22.55	35.74	24.64	4.96	100.7	-.03	.07	.09	.04	.13	.09	.07	.12	44.	.01
120.	22.31	35.74	24.71	4.87	98.4	.68	.08	.28	.68	.36	.08	.05	.10	38.	.61
130.	22.18	35.73	24.74	4.62	97.2	.14	.00	.28	.00	.36	.00	.05	.10	38.	.03
140.	22.10	35.73	24.76	4.78	96.2	.19	.18	.37	.09	.46	.06	.09	.10	60.	.01
160.	21.66	35.73	24.69	4.65	92.8	.36	.17	1.17	.09	1.26	.03	.05	.06	63.	.01
180.	21.02	35.74	25.07	4.51	88.9	.56	.21	1.88	.04	1.92	.01	.02	.02	67.	.01
200.	20.58	35.75	25.20	4.47	87.4	.64	.25	2.31	.04	2.35	0.00	.02	.01	98.	.01

CROISIERE: RC083D
STATION : 1019
POSITION :21.00 S 167.57 E

DATE: 13 11 83
HEURE: 4 30

AIR= 2459999 VENT=135/ 4 FOND= 9999 NP= 9

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CH1A	LUN	ZPHA	NH4
0.		.02	0.00	.02	.14	.11	.91	1.000	2.95	.472	10.17	185.	.19	2805.	44.	
25.		.02	0.00	.02	.12	.06	.75	.190	1.55	.502	7.33	37.	.16		33.	
50.		.02	0.00	.02	.15	.21	.77	.105	3.39	.887	7.66	222.	.26		58.	
75.		.01	0.00	.01	.16	.22	.71	.038	3.57	.554	7.51	259.	.27		58.	
90.		.01	0.00	.01	.31	.22	.58	.027	.22	.591	5.37	148.	.42		42.	
100.		.19	.05	.24	.61	1.11	.62	.018	4.00	.606	8.53	148.	1.14		65.	
120.		1.52	.23	1.75	.53	.61	.98	.007	.09	.614	8.55	37.	.83		54.	
150.		2.47	.63	2.50	.13	.16	.60	.002	.63	.729	7.00	0.	.21		55.	
200.		3.31	.02	3.33	.04	.06		0.000	0.00	.688	0.	0.	.06		60.	

CROISIERE: RC083D
STATION : 1027
POSITION :21.03 S 168.01 E

DATE: 14 11 83
HEURE: 4 30

- 114 -

AIR= 2419999 VENT=115/ 7 FOND= 9999 NP= 10

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II6	C14	PP	CP	COPE	CHLA	LUM	ZPHA	NH4
0.	0.00	.03	.01	.04	.12	.33	.76	1.000	.40	.539	5.86	407.	.04	3135.	73.	.01
25.	0.00	.02	.01	.03	.12	.06	.61	.190	14.81	.606	5.12	37.	.16		33.	.01
50.	0.00	0.00	.01	.01	.25	.15	.75	.105	9.92	.509	6.34	259.	.32		38.	.06
70.	0.00	0.00	.01	.01	.25	.19	.66	.055	14.81	.569	5.59	276.	.34		43.	.06
80.	0.00	.06	.01	.07	.30	.16	.69	.038	32.62	.427	6.33	185.	.38		35.	.07
90.	0.00	.02	.01	.03	.51	.21	.61	.027	7.74	.614	4.88		.61		29.	.12
100.	0.00	0.00	.01	.01	.56	.30	1.04	.018	17.52	.464	7.98	222.	.76		35.	.06
120.	.06	1.14	.06	1.20	.57	.47	.73	.007	83.77	.427	6.35	222.	.81		44.	.10
150.	.08	1.50	.04	1.54	.12	.18	.74	.002	16.37	.442	8.19	37.	.21		60.	.03
200.	.21	2.08	.02	2.90	.05	.04	.62	0.000	6.99	.427	5.95	0.	.07		44.	.07

CROISIERE: RC083D
STATION : 1036
POSITION :21.04 S 168.01 E

DATE: 15 11 83
HEURE: 4 30

AIR= 2389999 VENT=135/ 6 FOND= 9999 NP= 10

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II6	C14	PP	CP	COPE	CHLA	LUM	ZPHA	NH4
0.	0.00	0.00	0.00	0.00	.04	.04	.86	1.000	1.87	.589	6.40	593.	.66	1943.	50.	.07
25.	0.00	0.00	0.00	0.00	.07	.09	1.01	.190		.433	6.81	185.	.13		50.	.07
50.	0.00	0.00	0.00	0.00	.13	.09	1.80	.105	2.34	.552	6.47	333.	.17		41.	.04
70.	0.00	0.00	.01	.01	.17	.15	1.19	.055	6.77	.432	8.46	296.	.24		47.	
80.	0.00	0.00	.01	0.00	.17	.15	1.18	.038	7.86	.417	8.82	407.	.24		47.	0.00
90.	0.00	.03	.01	.04	.40	.14	1.23	.027	5.67	.349	8.00	185.	.47		26.	.10
100.	0.00	0.00	.01	.01	.43	.46	1.30	.018	7.68	.371	8.30	74.	.65		52.	.07
120.	.06	.48	.20	.68	.59	.67	1.40	.007	40.64	.647	8.30	74.	.91		53.	0.00
150.	.13	1.80	.08	1.88	.33	.36	.98	.002		.833	6.35	74.	.56		52.	.01
200.	.17	2.40	.03	2.43	.04	.03	1.11	0.000	9.12	.594	7.92	111.	.06		43.	

CROISIERE: RC083D
STATION : 1044
POSITION :21.26 S 167.45 E

DATE: 16 11 83
HEURE: 4 42

AIR= 2289999 VENT=135/ 4 FOND= 9999 NP= 10

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II6	C14	PP	CP	COPE	CHLA	LUM	ZPHA	NH4
0.	.01	0.00	0.00	0.00	.10	.08	.86	1.000	8.93	.496	4.91	185.	.14	821.	44.	.04
25.	.01	0.00	0.00	0.00	.15	0.00	.67	.180	8.82	.400	5.22	0.	.15		0.	.04
50.	0.00	0.00	0.00	0.00	.16	.07	.82	.098	9.61	.496	4.33	222.	.19		30.	.10
70.	0.00	0.00	0.00	0.00	.20	.17	.95	.047	7.70	.451	4.75	259.	.28		46.	.04
80.	0.00	0.00	0.00	0.00	.25	.12	.84	.032	16.94	.429	4.47	74.	.31		32.	.07
90.	0.00	0.00	0.00	0.00	.32	.14	.91	.022	12.92	.332	5.22	185.	.39		30.	.04
100.	0.00	.02	.02	.04	.53	.15	.93	.015	17.68	.763	6.35		.61		22.	.06
120.	.03	.30	.08	.30	.56	.59	1.05	.007	59.45	.599	6.54	148.	.84		51.	.04
150.	.09	1.13	.09	1.22	.16	.40	.94	.002	9.83	.591	6.28	74.	.35		71.	.04
200.	.11	1.33	.07	1.40	.07	.11	.93	0.000	37.82	.652	7.65	185.	.12		61.	.04

?

CROISIERE: RC083D
STATION : 1053
POSITION :21.26 S 167.45 E

DATE: 17 11 83
HEURE: 4 26

- 115 -

AIR= 2359999 VENT= 90/ 3 FOND= 9999 NP= 10

	PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUH	2PHA	NH4
0.	.01	0.00	0.00	0.00	0.00	.17	.05	.66	1.000	2.92	.506	5.69	37.	.19	1608.	23.	.03
30.	.01	0.00	0.00	0.00	0.00	.11	.16	.58	.180	7.64	.331	4.76	111.	.19		59.	.01
60.	0.00	0.00	0.00	0.00	0.00	.19	.12	.87	.076	4.62	.301	7.53	296.	.25		39.	.03
70.	0.00	0.00	0.00	0.00	0.00	.19	.12	.61	.047	5.58	.550	6.43	370.	.25		39.	.01
80.	0.00	0.00	0.00	0.00	0.00	.25	.14	.58	.032	3.53	.377	5.59	222.	.32		36.	.03
90.	.01	0.00	.01	0.00	0.00	.41	.19	.65	.022	5.51	.369	5.64	111.	.50		32.	.49
100.	0.00	0.00	.01	0.00	0.00	.43	.29	.51	.015	42.32	.439	4.39	148.	.57		40.	.01
120.	.01	.02	.02	.04	.51	.55	.55	.51	.007	5.45	.430	4.12	333.	.77		52.	.04
150.	.06	.52	.14	.66	.35	.28	.49	.49	.002	5.51	.517	4.83	111.	.48		44.	.03
200.	.15	2.05	.07	2.12	.34	.07	.33	0.006	7.48	.368	2.99	74.	.07			64.	.01

CROISIERE: RC083D
STATION : 1061
POSITION :21.26 S 167.45 E

DATE: 18 11 83
HEURE: 4 34

AIR= 2399999 VENT= 96/ 4 FOND= 9999 NP= 10

	PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUH	2PHA	NH4
0.	.01	0.00	0.00	0.00	0.00	.67	.66	.74	1.000	1.73	.461	8.48	222.	.10	1276.	46.	.01
30.	.01	0.00	0.00	0.00	0.00	.07	.06	.54	.180	3.28	.407	4.33	185.	.10		46.	.01
60.	0.00	0.00	0.00	0.00	0.00	.67	.06	.54	.676	4.38	.449	4.55	259.	.10		46.	.01
70.	.01	0.00	0.00	0.00	0.00	.10	.11	.57	.047	1.90	.313	5.19	185.	.15		52.	.00
80.	.01	0.00	0.00	0.00	0.00	.10	.11	.54	.632	2.27	.296	5.88	185.	.15		52.	.06
90.	.01	0.00	0.00	0.00	0.00	.14	.13		.028	2.53	.383	4.14	259.	.20		48.	.03
100.	.02	0.00	0.00	0.00	0.00	.23	.16	.96	.015	14.55	.411	6.63	74.	.31		41.	.01
120.	.02	.15	.08	.23	.25	.18	.77	.007	4.72	.394	4.23	37.	.34			42.	.01
150.	.06	.66	.14	.86	.11	.24	.83	.002	5.85	.556	5.65	111.	.22			69.	.01
200.	.13	1.90	.05	1.95	.03	.03	.96	0.000	6.61	.360	4.86	0.	.04			58.	.03

PREFIL 8

(RCO 84 B)

du 3 au 14 Février 1984

Description de la croisière

- 87 stations sonde STD.
- 14 stations sonde avec prélèvements à la Rosette.
(1 à 4, E de Maré - 5 à 14 sur transect Nouvelle Calédonie NE).
- 2 points fixes I_8 et J_8 de 3 jours :

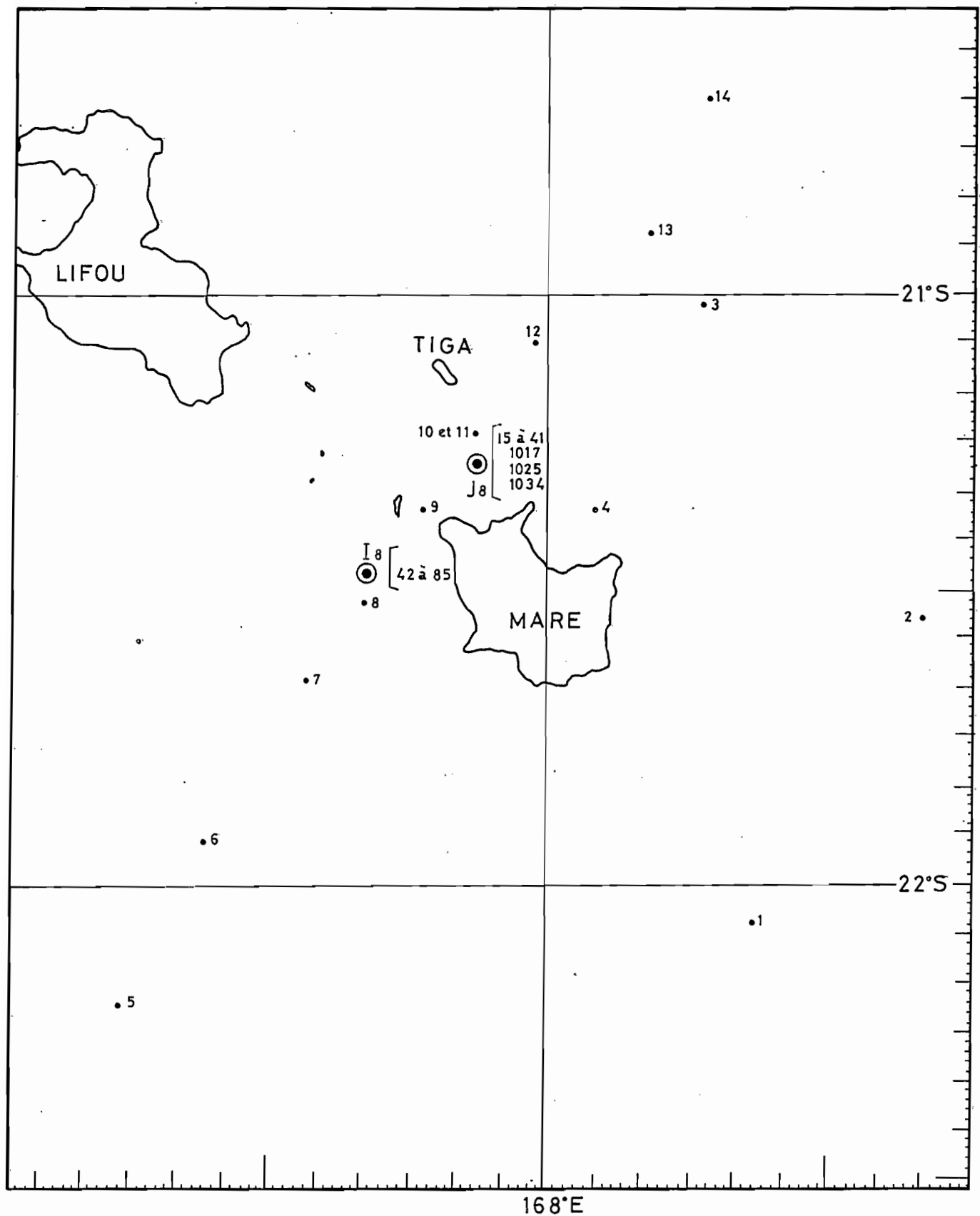
J_8 : st. 15 à 41 + 1017 - 1025 - 1034

I_8 : st. 42 à 85.

Remarques :

- P_p Chl a : filtres GF/F
 - V filtré (P_p) = 1.55 l.
 - CHN : filtres Ag 0.8 μ m
 - V filtré : 1.55 l.
 - Prétamissage sur 50 μ .
 - ATP : V filtré 2,1 l.
-

PREFIL 8



CROISIERE: RCO848
STATION : 1
POSITION :22.04 S 168.22 E

DATE: 3 2 84
HEURE: 19 42

- 118 -

AIR= 2539999 VENT=126/ 8 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.52	35.65	23.38				.18	.17	.03	.20	.11	.84	.13	27.	.12
33.	26.41	35.74	23.48				.07	.17	.03	.20	.16	.88	.02	33.	.16
46.	25.77	35.80	23.73				.07	.04	.02	.06	.18	.87	.22	28.	.83
56.	24.90	35.80	24.00				.00	.06	.02	.08	.14	.81	.02	7.	.03
75.	24.87	35.78	24.23				.09	.14	.02	.16	.17	.17	.25	50.	.04
95.	23.59	35.75	24.35				.10	.14	.02	.16	.26	.15	.34	37.	.06
114.	22.94	35.71	24.51				.09	.39	.17	.56	.21	.23	.34	52.	.84
148.	22.55	35.69	24.61				.13	.77	.09	.86	.13	.19	.28	51.	
163.	22.33	35.69	24.67				.15	1.40	.06	1.46	.86	.21	.17	78.	.81
181.	21.95	35.69	24.77				.19	2.81	.05	2.06	.10	.84	.12	29.	.09
200.	21.51	35.70	24.90				.23	2.39	.03	2.42	.84	.86	.08	60.	.09
250.	20.63	35.70	25.15				.28	3.25	.05	3.30	.01	.86	.04	86.	.01

CROISIERE: RCO848
STATION : 2
POSITION :21.33 S 168.40 E

DATE: 4 2 84
HEURE: 1 5

AIR= 2569999 VENT= 45/ 8 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.52	35.71	23.43				.09	.13	0.00	.13	.11	.01	.11	8.	.03
27.	26.45	35.73	23.46				.07	.85	0.00	.05	.12	.83	.14	28.	.03
39.	25.75	35.78	23.72				.07	.05	0.00	.05	.15	.82	.16	12.	.03
50.	25.32	35.80	23.87				.07	.06	0.00	.06	.17	.84	.19	19.	.04
65.	24.55	35.80	24.10				.08	.05	0.00	.85	.21	.86	.24	22.	.84
83.	24.11	35.78	24.22				.08	.03	0.00	.83					.03
103.	23.54	35.77	24.38				.05	.06	0.00	.06	.29	.89	.34	24.	.16
122.	23.16	35.75	24.47				.08	.07	0.00	.07	.34	.17	.43	33.	.09
141.	22.80	35.72	24.56				.09	.09	.06	.15	.25	.22	.37	47.	.09
171.	22.16	35.70	24.72				.13	1.07	.37	1.14	.89	.25	.23	74.	.12
200.	21.62	35.70	24.87				.19	1.91	.83	1.93	.07	.88	.11	53.	.15
250.	20.43	35.70	25.20				.24	2.88	.01	2.89	.01	.82	.02	67.	.03

CROISIERE: RCO848
STATION : 3
POSITION :21.01 S 168.16 E

DATE: 4 2 84
HEURE: 8 7

AIR= 2579999 VENT= 90/ 9 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.63	35.80	23.46				.10	.04	.01	.05	.17	0.00	.17	8.	.06
27.	26.60	35.84	23.50				.11	.82	.01	.03	.14	.83	.15	18.	.03
39.	25.83	35.82	23.72				.12	.11	.01	.12	.15	.82	.16	12.	
50.	25.56	35.83	23.82				.39	.11	.01	.12	.17	0.80	.17	8.	.10
65.	24.89	35.83	24.02				.08	.83	.01	.04	.16	.82	.17	11.	.84
83.	23.47	35.77	24.40				.10	.15	.01	.16					.10
103.	23.85	35.75	24.51				.86	.07	.08	.15	.28	.18	.37	39.	.09
122.	22.65	35.74	24.56				.15	.40	.15	.55	.25	.82	.35	7.	.09
141.	22.38	35.71	24.67				.13	.94	.07	1.01	.12	.15	.21	56.	.04
171.	21.86	35.71	24.81				.18	1.95	.04	1.99	.84	.83	.06	43.	.06
200.	21.20	35.71	25.00				.21	2.19	.83	2.22	.84	.82	.85	33.	.13
250.	20.85	35.72	25.32				.24	2.72	.03	2.75	.01	0.80	.81	6.	.09

CROISIERE: RC084B
STATION : 4
POSITION :21.22 S 168.05 E

DATE: 4 2 84
HEURE: 11 20

- 119 -

AIR= 2619999 VENT= 90/ 9 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.50	35.75	23.44				.03	.12	0.00	.12	.17	0.00	.17	0.	.06
27.	26.50	35.82	23.49				.03	.06	0.00	.06	.17	.04	.19	19.	.12
39.	26.57	35.82	23.49				.04	.08	.01	.09	.18	.06	.21	25.	.07
50.	26.38	35.83	23.56				.04	.11	.01	.12	.21	.04	.23	16.	.08
65.	25.15	35.83	23.94				.05	.07	.01	.08	.21	.04	.23	16.	.07
83.	24.36	35.82	24.17				.06	.07	.01	.08	.22	.08	.26	27.	.05
103.	23.52	35.77	24.39				.08	.07	.01	.08	.33	.09	.39	21.	.08
122.	22.97	35.73	24.51				.09	.15	.13	.28	.37	.12	.43	24.	.08
141.	22.85	35.74	24.56				.10	.17	.15	.32	.03	.17	.39	85.	.05
171.	22.00	35.70	24.77				.16	1.41	.09	1.50	.15	.18	.25	55.	.02
200.	21.47	35.71	24.92				.22	2.41	.04	2.45	.08	.09	.13	53.	.03
250.	20.37	35.73	25.24				.25	3.10	.03	3.13					.03

CROISIERE: RC084B
STATION : 5
POSITION :22.12 S 167.14 E

DATE: 5 2 84
HEURE: 14 25

AIR= 2449999 VENT=100/ 9 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	27.42	35.27	22.81				.10	.05	.02	.07	.23	.08	.27	26.	
33.	26.47	35.52	23.30				.13	.04	.03	.07	.32	.08	.36	20.	
45.	24.85	35.74	23.97				.23	.02	.00	.10	.44	.21	.55	32.	.16
55.	23.73	35.75	24.31				.24	.02	.20	.30	.61	.21	.72	26.	.19
75.	22.81	35.77	24.59				.28	.57	.26	.83	.27	.28	.42	51.	.09
92.	22.00	35.75	24.01				.34	1.40	.12	1.52	.18	.14	.26	44.	.18
107.	21.85	35.75	24.85				.37	2.05	.12	2.17	.11	.13	.18	54.	.04
130.	21.52	35.75	24.94				.41	2.84	.08	2.92	.18	.08	.14	44.	.04
150.	20.96	35.74	25.09				.44	3.11	.12	3.23	.07	.07	.10	50.	.12
175.	19.90	35.72	25.35				.48	3.38	.10	3.48	0.00	.03	.02	1.	.01
200.	19.53	35.70	25.44				.56	4.26	.06	4.32	0.00	.03	.01	1.	
250.	18.76	35.65	25.60				.56	4.49	.06	4.55					0.00

CROISIERE: RC084B
STATION : 6
POSITION :21.56 S 167.23 E

DATE: 5 2 84
HEURE: 17 3

AIR= 2579999 VENT=160/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.38	35.67	23.44				.09	.03	0.00	.03	.13	.03	.15	19.	.04
27.	26.36	35.68	23.45				.10	.04	0.00	.04	.12	.06	.16	33.	.13
37.	26.29	35.70	23.49				.12	.08	.01	.09	.13	.06	.17	32.	.15
47.	25.88	35.79	23.69				.10	.10	.02	.12	.31	.13	.38	30.	.04
66.	25.12	35.81	23.94				.09	.04	.01	.05	.32	.25	.46	44.	.06
86.	24.00	35.77	24.24				.11	.04	.01	.05	.32	.29	.48	48.	.03
104.	23.49	35.74	24.37				.12	.06	.04	.10	.27	.28	.42	51.	.03
125.	22.79	35.70	24.54				.15	.27	.16	.43	.21	.21	.33	50.	.03
150.	22.15	35.70	24.73				.26	2.14	.04	2.18	.10	.11	.16	52.	.01
171.	21.61	35.70	24.80				.30	2.72	.03	2.75	.05	.09	.10	64.	0.00
200.	20.75	35.68	25.10				.35	3.82	.02	3.84	.06	.06	.09	50.	0.00
250.	19.36	35.63	25.43				.41	4.40	.02	4.42					0.00

CROISIERE: RCO84B
STATION : 7
POSITION :21.39 S 167.34 E

DATE: 5 2 84
HEURE: 19 43

- 120 -

AIR= 2589999 VENT=160/18 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.24	35.69	23.50				.09	.05	0.00	.05	.15	.03	.17	17.	.01
27.	26.24	35.70	23.51				.07	.12	0.00	.12					.01
37.	26.24	35.71	23.51				.08	.08	0.00	.08	.15	.04	.17	21.	0.00
47.	26.25	35.73	23.53				.09	.15	0.00	.15	.15	.04	.17	21.	.01
66.	25.34	35.80	23.86				.10	.06	0.00	.06	.17	.10	.22	37.	0.00
86.	24.35	35.80	24.16				.15	.06	0.00	.06	.04	.34	.22	89.	0.00
104.	23.52	35.77	24.39				.19	.18	.08	.26	.25	.27	.40	52.	0.00
125.	22.63	35.71	24.60				.21	.62	.09	.72	.06	.27	.21	82.	0.00
150.	21.98	35.69	24.77				.27	1.77	.03	1.80	0.00	.18	.10	1.	0.00
171.	21.70	35.69	24.84				.31	2.09	.03	2.12	.04	.11	.09	73.	0.00
200.	21.07	35.69	25.02				.31	2.79	.02	2.81	.03	.04	.05	57.	0.00
250.	19.65	35.67	25.38				.41	4.06	.02	4.08					0.00

CROISIERE: RCO84B
STATION : 8
POSITION :21.31 S 167.40 E

DATE: 5 2 84
HEURE: 21 20

AIR= 2569999 VENT=150/ 8 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.36	35.59	23.39				.09	.04	0.00	.04	.13	.03	.15	19.	.03
25.	26.35	35.61	23.40				.09	.04	0.00	.04	.12	.05	.15	29.	.06
50.	26.23	35.68	23.49				.10	.03	0.00	.03	.07	.12	.13	63.	.03
66.	26.15	35.71	23.54				.10	.07	.01	.08	.21	.11	.26	34.	.64
75.	24.34	35.80	24.16				.07	.01	.01	.02	.15	.25	.28	63.	.03
85.	24.07	35.78	24.23				.14	.04	.01	.05	.23	.16	.31	41.	.63
100.	23.33	35.75	24.43				.13	.05	.02	.07	.27	.15	.35	36.	.06
125.	22.92	35.72	24.52				.20	.44	.12	.56	.08	.32	.25	80.	.01
150.	22.37	35.69	24.66				.22	.66	.12	.78	.08	.25	.21	76.	.01
175.	21.38	35.69	24.93				.31	2.31	.03	2.34	.03	.08	.08	73.	.01
200.	20.58	35.70	25.16				.37	3.17	.02	3.19	0.00	.04	.02	1.	.03
250.	19.15	35.65	25.50				.41	4.20	.02	4.22					.01

CROISIERE: RCO84B
STATION : 9
POSITION :21.22 S 167.46 E

DATE: 5 2 84
HEURE: 22 50

AIR= 2559999 VENT=150/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.37	35.59	23.38				.10	.04	0.00	.04	.17	.07	.21	29.	.03
25.	26.35	35.60	23.40				.10	.04	0.00	.04	.17	.07	.21	29.	0.00
62.	26.15	35.65	23.50				.11	.02	.01	.03	.23	.09	.28	28.	0.00
82.	25.84	35.72	23.65				.15	.17	.04	.21	.27	.11	.33	29.	.01
91.	23.47	35.72	24.36				.19	.50	.05	.55	.19	.20	.30	51.	.01
101.	23.00	35.72	24.50				.22	.89	.06	.95	.12	.24	.25	67.	0.00
114.	22.42	35.70	24.65				.24	1.17	.08	1.25	.17	.15	.25	47.	.09
125.	22.18	35.71	24.73				.25	1.37	.06	1.43	.04	.27	.18	87.	0.00
150.	21.54	35.69	24.89				.29	1.94	.04	1.98	.01	.19	.11	95.	.06
175.	20.07	35.69	25.07				.35	2.80	.03	2.83					0.00
200.	19.96	35.65	25.29				.42	3.53	.03	3.56	.01	.04	.03	80.	0.00
250.	19.10	35.64	25.50				.50	4.35	.02	4.37					.01

CROISIERE: KCO848
STATION : 11
POSITION :21.14 S 167.52 E

DATE: 6 2 84
HEURE: 5 45

- 121 -

AIR= 265 250 VENT=190/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	O2	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.13	35.73	23.56				.10	.10	.02	.12	.17	.06	.26	23.	
25.	26.12	35.74	23.57				.11	.10	.02	.12	.17	.04	.28	19.	
62.	25.85	35.75	23.67				.14	.10	.01	.11	.22	.09	.27	29.	
82.	23.73	35.78	24.33				.09	.05	.01	.06	.39	.04	.41	9.	
91.	23.55	35.77	24.38				.10	.04	.01	.05	.37	.04	.39	18.	
101.	23.49	35.77	24.39				.12	.05	.01	.06	.39	.08	.43	17.	
114.	22.92	35.73	24.53				.12	.07	.01	.08	.38	.17	.39	36.	
125.	22.61	35.70	24.60				.13	.07	.02	.09	.25	.21	.37	46.	
150.	22.07	35.68	24.73				.12	.12	.03	.15	.15	.12	.21	44.	
175.	21.46	35.71	24.93				.17	.12	.15	.27	.06	.07	.18	54.	
200.	20.73	35.70	25.12				.23	1.26	.08	1.34	.12	.02	.14	14.	
249.	19.46	35.67	25.43				.30	2.18	.04	2.22					

CROISIERE: KCO848
STATION : 12
POSITION :21.05 S 167.58 E

DATE: 6 2 84
HEURE: 7 30

AIR= 259 241 VENT=200/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	O2	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.84	35.78	23.69				.11	.02	0.00	.02	.13	.01	.14	7.	.16
49.	25.72	35.80	23.74				.10	.02	0.00	.02	.12	.03	.14	2.	.15
69.	25.28	35.79	23.90				.11	.04	.01	.05	.12	.04	.15	25.	.10
79.	24.43	35.76	24.11				.13	.07	.01	.08	.22	.06	.25	21.	.07
88.	23.60	35.76	24.35				.13	.05	.01	.06	.14	.11	.20	44.	.06
98.	23.31	35.75	24.43				.14	.02	.01	.03	.17	.08	.21	32.	.03
112.	22.88	35.71	24.53				.15	.02	.03	.05	.17	.11	.23	39.	.04
130.	22.33	35.69	24.67				.22	.99	.08	1.07	.10	.09	.15	47.	.01
150.	21.93	35.70	24.79				.26	1.44	.05	1.49	.12	.08	.17	40.	.03
175.	21.34	35.70	24.95				.28	1.97	.03	2.00	.06	.04	.08	40.	.10
200.	20.82	35.72	25.11				.31	2.44	.02	2.46	.03	.03	.04	50.	.10
250.	19.69	35.70	25.39				.33	2.73	.03	2.76					.04

CROISIERE: KCO848
STATION : 13
POSITION :20.49 S 168.11 E

DATE: 6 2 84
HEURE: 10 17

AIR= 271 266 VENT=170/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	O2	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.69	35.77	23.73				.08	.05	0.00	.05	.11	.03	.13	21.	
23.	25.57	35.78	23.78				.09	.08	0.00	.08	.13	.05	.16	28.	
43.	25.50	35.79	23.80				.09	.03	0.00	.03	.12	.09	.17	43.	
62.	25.16	35.77	23.91				.09	.03	0.00	.03	.17	.02	.18	11.	
72.	24.83	35.78	24.00				.10	.03	0.00	.03	.17	.06	.21	26.	
82.	23.72	35.76	24.32				.11	.02	0.00	.02	.20	.09	.24	82.	
91.	23.31	35.75	24.43				.14	.07	.02	.09	.32	.18	.41	36.	
101.	23.15	35.75	24.48				.15	.09	.08	.17	.37	.14	.44	27.	
121.	22.76	35.72	24.57				.20	.08	.08	.96	.19	.16	.27	46.	
140.	22.30	35.72	24.70				.24	1.37	.04	1.41	.12	.11	.18	48.	
194.	20.73	35.72	25.13				.32	2.76	.03	2.79	.01	.02	.02	67.	
250.	19.42	35.72	25.48				.37	3.55	.02	3.57					

CROISIERE: RC084B
STATION : 14
POSITION :20.40 S 168.17 E

DATE: 6 2 84
HEURE: 11 58

- 122 -

AIR= 2739999 VENT=170/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	OZ	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.16	35.79	23.60				.11	.13	.01	.14	.10	.02	.11	17.	.06
12.	25.69	35.80	23.69				.10	.05	.01	.06	.11	.04	.13	27.	.04
41.	25.73	35.81	23.75				.14	.26	.01	.21	.12	.05	.15	29.	
58.	25.15	35.80	23.92				.12	.20	.01	.21	.10	.05	.21	22.	
71.	24.59	35.78	24.07				.11	.11	.01	.12	.18	.05	.21	22.	.05
81.	23.68	35.77	24.28				.13	.14	.01	.15	.21	.08	.26	28.	.10
91.	23.47	35.77	24.40				.14	.05	.01	.06	.29	.16	.38	36.	.07
101.	23.29	35.75	24.44				.15	.11	.09	.20	.37	.33	.54	47.	.26
120.	23.05	35.74	24.50				.18	.39	.15	.54	.27	.16	.36	37.	.09
139.	22.68	35.72	24.59				.20	.70	.03	.98	.17	.14	.25	45.	.03
200.	20.89	35.72	25.09				.23	2.93	.03	2.96	.01	.02	.02	67.	.02
250.	19.44	35.69	25.45				.32	4.05	.03	4.08					.06

CROISIERE: RC084B
STATION : 17
POSITION :21.17 S 167.52 E

DATE: 7 2 84
HEURE: 4 45

AIR= 249 238 VENT=160/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	OZ	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.22	35.68	23.50	4.83	104.9	-.22	.08	.11	.01	.12			.13		
29.	26.21	35.70	23.52	4.85	105.3	-.24	.08	.11	.01	.12			.14		
46.	25.99	35.76	23.63	4.89	105.8	-.27	.07	.11	.01	.12	.13	.03	.15	19.	0.00
56.	25.63	35.76	23.74	4.98	107.0	-.33	.07	.06	0.00	.06			.17		.12
66.	24.77	35.77	24.01	5.06	107.0	-.33	.09	.09	0.06	.09			.27		.10
75.	23.63	35.77	24.35	5.14	106.5	-.31	.10	.05	.01	.06			.46		.01
85.	23.43	35.76	24.40	5.02	103.6	-.17	.11	.16	.01	.17			.36		.09
95.	23.02	35.72	24.49	4.97	101.8	-.09	.12	.06	0.00	.06	.23	.01	.28	4.	.03
104.	22.75	35.70	24.56	4.88	99.4	.03	.14	.13	.11	.24			.28		0.00
114.	22.52	35.70	24.62	4.77	96.7	.16	.10	.63	.14	.77			.28		0.00
153.	21.60	35.70	24.88	4.68	93.3	.34	.26	2.08	.04	2.12			.27		0.00
250.	18.78	35.64	25.53	4.40	83.4	.68	.43	4.39	.02	4.41			.01		0.00

CROISIERE: RC084B
STATION : 19
POSITION :21.17 S 167.52 E

DATE: 7 2 84
HEURE: 11 28

AIR= 269 250 VENT=110/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	OZ	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.27	35.73	23.52					.03	0.00	.03	.12	.01	.12	8.	
35.	26.15	35.74	23.56					.03	0.00	.03	.18	.07	.22	28.	
50.	25.93	35.77	23.66					.08	.01	.09	.20	.08	.24	29.	
60.	25.58	35.79	23.78					.05	.01	.06	.04	.27	.19	87.	
69.	24.93	35.86	23.99					.07	.01	.08	.23	.12	.29	34.	
79.	24.05	35.80	24.25					.02	.01	.03	.30	.23	.42	43.	
89.	23.80	35.80	24.33					.05	.01	.06	.34	.23	.47	40.	
104.	23.58	35.79	24.38					.08	.01	.09	.39	.20	.50	34.	
123.	23.04	35.72	24.49					.07	.02	.09	.21	.26	.35	55.	
143.	22.32	35.71	24.69					.01	.11	.92	.01	.36	.18	97.	
192.	21.07	35.72	25.04					2.55	.03	2.58	.04	.11	.10	73.	
250.	19.67	35.71	25.41					3.84	.02	3.86					

CROISIERE: RCO84B
STATION : 21
POSITION :21.17 S 167.53 E

DATE: 7 2 84
HEURE: 16 20

- 123 -

AIR= 264 242 VENT= 90/ 7 FOND= 9999 NP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.31	35.79	23.55	5.13	111.6	-53	.07	.06	0.00	.06	.06	.05	.09	45.		
38.	25.95	35.79	23.67	5.13	110.9	-50	.05	.10	0.00	.10	.08	.07	.12	47.		
62.	25.51	35.79	23.80	5.17	110.9	-51	.06	.03	0.00	.03	.08	.11	.14	58.	0.00	
73.	24.00	35.80	24.03	5.29	112.0	-57	.07	.07	0.00	.07	.13	.20	.24	61.	0.00	
82.	24.14	35.79	24.22	5.30	110.8	-52	.08	.02	0.00	.02	.27	.11	.33	29.	0.00	
92.	23.60	35.78	24.37	5.31	109.9	-48	.10	.07	.01	.08	.39	.08	.43	17.	0.00	
102.	23.33	35.77	24.44	5.17	106.5	-32	.16	.03	.01	.04	.05	.39	.26	89.	.16	
115.	23.12	35.75	24.49	5.11	104.8	-24	.12	.03	.06	.14	.17	.21	.28	55.	0.00	
126.	22.82	35.74	24.57	5.04	102.8	-14	.15	.17	.10	.27	.11	.24	.24	69.	0.00	
150.	22.27	35.72	24.71	4.78	96.5	.17	.21	1.24	.07	1.31	.07	.15	.15	68.	0.00	
200.	21.34	35.71	24.96	4.63	91.8	.41	.28	2.45	.63	2.48	.03	.09	.68	75.		
250.	19.93	35.68	25.32	4.53	87.5	.65	.39	3.77	.02	3.79						0.00

CROISIERE: RCO84B
STATION : 25
POSITION :21.16 S 167.52 E

DATE: 8 2 84
HEURE: 4 40

AIR= 254 224 VENT=115/ 5 FOND= 9999 NP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.08	35.80	23.63	4.90	106.2	-29	.03	.01	0.00	.01				.19		
33.	25.97	35.81	23.67	4.92	106.4	-30	.03	.05	0.00	.05	.23	.05	.26	18.		
43.	25.67	35.81	23.77	4.98	107.1	-33	.04	.06	0.00	.06			.14			
53.	24.94	35.81	23.99	5.38	114.2	-67	.07	.04	0.00	.04			.18			
62.	24.38	35.79	24.17	5.39	113.1	-62	.08	.04	0.00	.04	.69	.03	.26	25.		
72.	23.67	35.80	24.30	5.32	110.8	-52	.09	.07	0.00	.07			.38			
91.	23.42	35.78	24.42	5.23	107.9	-30	.09	.09	.63	.12			.43			
111.	22.92	35.73	24.53	5.10	104.2	-21	.11	.15	.08	.23			.33			
130.	22.36	35.73	24.69	4.99	100.9	-05	.18	.91	.10	1.01			.29			
150.	21.90	35.72	24.81	4.87	97.6	.12	.23	1.82	.05	1.87			.24			
195.	20.65	35.72	25.15	4.71	92.2	.40	.30	3.03	.63	3.06			.19			
250.	19.63	35.71	25.42	4.62	88.7	.59	.37	4.02	.02	4.04						

CROISIERE: RCO84B
STATION : 28
POSITION :21.16 S 167.52 E

DATE: 8 2 84
HEURE: 11 12

AIR= 278 234 VENT= 90/ 2 FOND= 9999 NP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.29	35.75	23.53					.05	.01	0.00	.01	.12	.08	.16	40.	.64
25.	26.08	35.80	23.63					.05	.06	0.00	.06	.15	0.00	.15	8.	
43.	25.81	35.79	23.71					.06	.12	0.00	.12	.15	.04	.17	21.	.04
53.	25.26	35.79	23.80					.06	.11	0.00	.11	.18	.03	.02	14.	.03
62.	24.75	35.77	24.02					.08	.06	.01	.07	.21	.02	.23	9.	
72.	23.76	35.77	24.31					.09	.03	.01	.04	.29	.06	.32	17.	.09
82.	23.45	35.77	24.41					.09	.10	.02	.12	.44	.11	.50	20.	.04
101.	23.14	35.76	24.49					.11	.14	.04	.18	.34	.13	.41	28.	.05
121.	22.54	35.73	24.64					.15	1.03	.09	1.12	.17	.15	.25	47.	.08
150.	21.68	35.72	24.87					.21	2.07	.03	2.10	.03	.07	.12	47.	.05
200.	20.59	35.72	25.17					.28	2.09	.02	2.11	.01	.03	.03	75.	.08
250.	19.06	35.66	25.53					.34	4.76	.01	4.77					.04

CROISIERE: RCOB4B
STATION : 30
POSITION :21.17 S 167.53 E

DATE: 8 2 84
HEURE: 16 15

- 124 -

AIR= 268 236 VENT=108/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.17	35.74	23.56	5.40	117.2	-79	.05	.01	0.00	.01	.15	.01	.15	6.	.04
31.	26.03	35.79	23.64	5.26	113.9	-64	.05	.01	0.00	.01	.14	0.00	.14	0.	.20
41.	25.82	35.79	23.71	5.17	111.5	-53	.06	.01	0.00	.01	.13	.03	.15	19.	.04
50.	25.46	35.79	23.82	5.29	113.3	-62	.06	.06	0.00	.06	.16	.04	.18	20.	.03
60.	24.98	35.77	23.97	5.39	114.3	-67	.08	.03	.01	.04	.21	.02	.22	9.	
70.	24.22	35.77	24.10	5.36	112.2	-58	.07	.21	.02	.23	.29	.10	.34	26.	.09
81.	23.55	35.75	24.36	5.31	109.8	-47	.09	.09	.01	.10	.31	.09	.36	23.	.04
101.	23.33	35.75	24.43	5.28	108.8	-42	.11	.08	.02	.10	.46	.15	.54	25.	.05
120.	22.75	35.72	24.57	5.09	103.7	-18	.15	.26	.10	.36	.30	.17	.39	36.	.08
149.	22.24	35.71	24.71	4.88	98.5	.08	.21	1.12	.07	1.19	.16	.11	.22	41.	.05
200.	21.45	35.72	24.94	4.78	95.0	.25	.28	2.34	.03	2.37	.05	.07	.09	58.	.08
250.	20.21	35.71	25.27	4.69	91.0	.46	.34	3.53	.02	3.55					.04

CROISIERE: RCOB4B
STATION : 34
POSITION :21.16 S 167.53 E

DATE: 9 2 84
HEURE: 4 50

AIR= 255 227 VENT=130/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.21	35.00	23.59	5.06	109.9	-46	.07	.03	0.00	.03			.08		0.00
30.	26.01	35.82	23.67	5.08	110.0	-46	.07	.06	0.00	.06			.10		.03
40.	25.84	35.79	23.70	5.09	109.8	-45	.08	.04	.01	.05	.12	.02	.13	14.	.01
50.	25.64	35.78	23.75	5.10	109.6	-45	.07	.07	.01	.08			.14		.04
60.	25.53	35.78	23.79	5.09	109.2	-43	.08	.04	.01	.05			.15		0.00
70.	24.89	35.78	23.98	5.16	109.4	-44	.09	.04	.01	.05	.23	.07	.27	23.	0.00
80.	23.83	35.78	24.30	5.19	107.9	-38	.10	.04	.02	.06			.45		.01
90.	23.50	35.78	24.40	5.12	105.0	-28	.11	.05	.01	.06			.49		.01
110.	23.15	35.76	24.49	5.03	103.3	-16	.13	.15	.04	.19			.56		.03
130.	22.55	35.74	24.64	4.85	98.4	.08	.18	.60	.10	.70			.42		.01
150.	22.36	35.72	24.68	4.81	97.3	.13	.20	.93	.09	1.02			.33		.01
200.	20.96	35.73	25.00	4.58	90.2	.50	.31	2.83	.03	2.86			.08		.03

CROISIERE: RCOB4B
STATION : 37
POSITION :21.16 S 167.52 E

DATE: 9 2 84
HEURE: 11 0

AIR= 262 243 VENT= 85/ 1 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.17	35.77	23.58					.03	0.00	.03	.11	.01	.12	8.	
30.	25.73	35.79	23.73					.03	0.00	.03	.14	.03	.16	18.	
57.	25.05	35.79	23.94					.04	0.00	.04	.19	.04	.21	17.	
70.	23.70	35.78	24.34					.04	0.00	.04	.24	.07	.28	23.	
80.	23.45	35.77	24.41					.06	0.00	.06	.39	.06	.42	13.	
90.	23.28	35.76	24.45					.07	0.00	.07	.44	.25	.58	36.	
99.	23.12	35.75	24.49					.17	.04	.21	.46	.15	.54	25.	
109.	22.69	35.73	24.60					.36	.09	.45	.28	.14	.36	33.	
121.	22.33	35.71	24.68					.97	.06	1.03	.16	.11	.21	41.	
150.	21.55	35.72	24.91					2.19	.02	2.21	.07	.06	.10	46.	
200.	20.29	35.72	25.25					3.22	.01	3.23	.02	.02	.02	50.	
250.	19.06	35.64	25.51					4.80	0.00	4.80					

CROISIERE: RC084B
STATION : 39
POSITION :21.16 S 167.52 E

DATE: 9 2 84
HEURE: 16 0

- 125 -

AIR= 263 235 VENT= 80/ 3 FOND= 9999 NP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.77	35.78	23.40	5.17	113.4	-.61	.05	.03	0.00	.03	.09	.01	.09	10.	.03	
30.	26.14	35.78	23.60	5.00	108.5	-.39	.03	.07	.01	.00	.12	0.00	.12	0.	0.00	
51.	25.68	35.78	23.74	5.01	107.8	-.36	.07	.10	.01	.11	.12	.04	.14	25.	.06	
61.	25.34	35.79	23.85	5.05	103.0	-.37	.07	.07	0.00	.07	.15	.02	.16	12.	.07	
71.	24.84	35.78	24.00	5.09	107.8	-.37	.08	.09	0.00	.09	.19	.05	.22	21.	.71	
80.	24.03	35.78	24.24	5.07	105.8	-.28	.09	.04	0.00	.04	.24	.07	.27	23.	0.00	
90.	23.54	35.78	24.39	5.03	104.0	-.19	.09	.06	.01	.07	.34	.11	.40	24.	.04	
110.	23.07	35.78	24.52	4.89	100.2	-.01	.11	.16	.04	.20	.42	.22	.53	34.	.49	
130.	22.32	35.73	24.70	4.67	94.4	.28	.12	.99	.07	1.06	.13	.19	.24	59.	.04	
150.	21.85	35.71	24.82	4.49	89.9	.50	.25	1.88	.03	1.91	.05	.09	.10	64.	.01	
200.	20.91	35.71	25.08	4.43	87.2	.65	.31	2.94	.02	2.96	.01	.03	.03	75.	.03	
250.	19.53	35.67	25.43	4.32	82.8	.90	.41	4.01	.01	4.01					.12	

CROISIERE: RC084B
STATION : 43
POSITION :21.28 S 167.40 E

DATE: 10 2 84
HEURE: 4 40

AIR= 258 234 VENT= 40/ 5 FOND= 9999 NP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.52	35.72	23.43	4.72	103.1	-.14	.08	.02	0.00	.02	.11	.02	.12	15.	.04	
34.	26.03	35.75	23.61	4.85	105.0	-.23	.09	.05	0.00	.05			.16		.01	
53.	25.03	35.76	23.93	4.90	104.1	-.20	.11	.01	0.00	.01			.42		.03	
63.	24.18	35.79	24.21	4.91	102.8	-.13	.12	.06	0.00	.06			.43		.03	
73.	23.95	35.80	24.28	4.92	102.5	-.12	.11	.05	.01	.06			.51		.01	
82.	23.70	35.79	24.35	4.89	101.4	-.07	.13	.02	.01	.03	.42	.20	.52	32.	0.00	
92.	23.41	35.77	24.42	4.84	99.8	.01	.13	.03	.01	.04			.54		.03	
102.	23.02	35.74	24.51	4.72	96.7	.16	.14	.12	.05	.17			.49		.04	
120.	22.48	35.71	24.64	4.63	93.8	.30	.18	.37	.12	.49			.37		.01	
150.	22.03	35.72	24.77	4.42	88.8	.56	.26	1.73	.05	1.78			.26		.03	
200.	20.91	35.73	25.09	4.25	83.6	.83	.34	3.01	.02	3.03			.08		.01	
250.	19.47	35.68	25.44	4.19	80.2	1.04	.45	4.25	.01	4.26					.04	

CROISIERE: RC084B
STATION : 46
POSITION :21.28 S 167.41 E

DATE: 10 2 84
HEURE: 11 28

AIR= 266 248 VENT= 45/ 3 FOND= 9999 NP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.52	35.72	23.43						.03	0.00	.03	.13	.03	.15	19.	
18.	26.44	35.75	23.48						.05	0.00	.05	.11	.04	.13	27.	
36.	26.22	35.76	23.56						.05	0.00	.05	.10	.03	.12	23.	
45.	25.79	35.76	23.69						.06	0.00	.06	.13	.03	.15	19.	
55.	25.50	35.79	23.80						.05	0.00	.05	.16	.05	.18	24.	
73.	24.28	35.80	24.18						.03	0.00	.03	.29	.09	.33	24.	
91.	23.88	35.80	24.30						.03	0.00	.03	.28	.16	.36	36.	
110.	23.16	35.77	24.49						.41	.09	.50	.39	.26	.53	40.	
130.	22.67	35.73	24.60						.64	.10	.74	.24	.16	.33	40.	
150.	22.30	35.72	24.70						1.09	.03	1.17	.16	.13	.23	45.	
204.	21.00	35.72	25.06						2.93	.03	2.96	.03	.03	.05	50.	
250.	19.45	35.69	25.45						4.42	.02	4.44					

CROISIERE: RC084B
STATION : 48
POSITION :21.28 S 167.39 E

DATE: 10 2 84
HEURE: 16 0

- 126 -

AIR= 266 253 VENT= 35/ 7 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.51	35.69	23.41	4.72	103.0	-.14	.07	.05	.01	.06	.14	.02	.15	13.	.03
31.	26.09	35.73	23.58	4.81	104.2	-.19	.08	.02	.01	.03	.13	.02	.14	13.	.03
51.	25.68	35.79	23.75	4.82	103.7	-.17	.07	.03	.01	.04	.14	.05	.17	26.	.03
64.	25.26	35.79	23.88	4.82	102.9	-.14	.08	.03	.01	.04	.15	.06	.18	29.	.03
76.	24.74	35.79	24.04	4.87	103.0	-.14	.08	.03	.01	.04	.17	.07	.21	29.	.04
90.	24.28	35.80	24.18	4.85	101.7	-.08	.10	.03	.01	.04	.24	.05	.27	17.	0.00
104.	23.45	35.78	24.41	4.71	97.2	.13	.14	.22	.06	.28	.32	.13	.39	29.	.06
118.	22.79	35.72	24.56	4.77	97.2	.14	.16	.23	.10	.33	.16	.14	.24	47.	0.00
130.	22.52	35.72	24.64	4.61	93.5	.32	.19	.77	.08	.85	.16	.13	.23	45.	0.00
150.	22.20	35.71	24.72	4.52	91.1	.44	.22	1.18	.07	1.25	.13	.11	.19	26.	0.00
200.	20.98	35.72	25.07	4.38	86.3	.70	.30	2.92	.03	2.95	.02	.03	.04	60.	0.00
250.	19.64	35.70	25.41	4.33	83.1	.80	.42	4.23	.02	4.25					0.00

CROISIERE: RC084B
STATION : 52
POSITION :21.27 S 167.40 E

DATE: 11 2 84
HEURE: 4 35

AIR= 266 225 VENT=215/10 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.41	35.71	23.46	4.78	104.1	-.19	.07	.06	0.00	.06			.11		.04
29.	26.36	35.72	23.48	4.80	104.5	-.21	.07	.05	0.00	.05	.13	.01	.14	7.	.09
50.	25.79	35.76	23.69	4.90	105.6	-.26	.08	.05	0.00	.05			.22		.21
60.	25.14	35.78	23.91	4.91	104.6	-.22	.08	.06	0.00	.06			.29		.10
82.	24.18	35.80	24.21	4.95	103.6	-.17	.09	.04	0.00	.04			.35		
89.	23.96	35.79	24.27	4.88	101.7	-.08	.11	.05	.01	.06			.46		.09
99.	23.54	35.75	24.36				.10	.07	.02	.09	.44	.19	.54	30.	.24
118.	22.85	35.73	24.55	4.79	97.8	.11	.15	.37	.09	.46			.49		.09
131.	22.41	35.71	24.66	4.65	94.1	.29	.21	1.01	.07	1.08			.34		.04
150.	21.89	35.70	24.80	4.48	89.8	.51	.24	1.78	.04	1.82			.24		.22
200.	20.98	35.72	25.07	4.40	86.7	.68	.32	2.82	.02	2.84			.07		.03
250.	19.28	35.67	25.48	4.27	81.4	.98	.44	4.54	.02	4.56					

CROISIERE: RC084B
STATION : 55
POSITION :21.28 S 167.40 E

DATE: 11 2 84
HEURE: 11 2

AIR= 259 220 VENT=180/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.36	35.67	23.45					.06	0.00	.06	.13	.04	.15	24.	
40.	26.24	35.74	23.54					.06	0.00	.06	.16	.05	.18	24.	
60.	24.75	35.82	24.06					.05	0.00	.05	.25	.07	.28	22.	
72.	24.19	35.81	24.22					.08	0.00	.08	.32	.06	.35	16.	
84.	23.63	35.79	24.37					.12	.01	.13	.46	.21	.58	31.	
95.	23.33	35.78	24.45					.15	.03	.18	.46	.23	.59	33.	
107.	22.91	35.75	24.55					.29	.08	.37	.34	.21	.46	38.	
119.	22.72	35.74	24.59					.53	.09	.62	.23	.19	.33	45.	
130.	22.33	35.73	24.70					1.19	.06	1.25	.15	.13	.22	46.	
150.	21.88	35.72	24.82					1.81	.05	1.84	.09	.10	.15	53.	
200.	20.73	35.74	25.15					3.09	.02	3.11	.01	.02	.02	67.	
250.	19.21	35.69	25.51					4.29	.01	4.30					

CROISIERE: RCO848
STATION : 57
POSITION :21.28 S 167.40 E

DATE: 11 2 84
HEURE: 16 15

- 127 -

AIR= 262 225 VENT=170/ 8 FOND= 9999 NP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.26	35.70	23.50	5.04	109.5	-.44	.07	.05	0.00	.05	.12	.01	.13	8.	.28	
34.	26.16	35.73	23.55	5.04	109.3	-.43	.08	.03	0.00	.03	.13	.03	.15	19.	.12	
70.	24.32	35.82	24.19	5.15	108.1	-.39	.11	.13	0.00	.13	.25	.07	.28	22.	.01	
80.	23.69	35.79	24.35	5.04	104.5	-.22	.14	.14	.02	.16	.61	.27	.75	31.	.04	
90.	23.47	35.78	24.41	5.04	104.1	-.20	.14	.16	.06	.22	.18	.18	.28	50.	.03	
100.	23.23	35.78	24.48	5.04	103.6	-.18	.14	.20	.07	.27	.37	.33	.54	47.	.07	
110.	23.07	35.75	24.50	4.98	102.1	-.10	.15	.30	.08	.38	.30	.19	.40	39.	0.00	
120.	22.48	35.73	24.66	4.79	97.1	.14	.20	.98	.08	1.06	.16	.14	.23	47.	.03	
130.	22.28	35.73	24.71	4.72	95.3	.23	.21	1.07	.08	1.15	.12	.16	.21	57.	.01	
150.	21.89	35.73	24.82	4.69	94.0	.30	.25	1.78	.04	1.82	.07	.12	.13	63.	.04	
200.	20.84	35.74	25.12	4.65	91.4	.44	.33	2.93	.03	2.96	.01	.03	.03	75.	.25	
250.	19.40	35.71	25.48	4.53	86.6	.70	.44	4.27	.02	4.29					.03	

CROISIERE: RCO848
STATION : 61
POSITION :21.28 S 167.41 E

DATE: 12 2 84
HEURE: 4 45

AIR= 250 229 VENT=150/ 6 FOND= 9999 NP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.23	35.70	23.51	5.05	109.7	-.45	.08	.03	0.00	.03				.10		.03
33.	26.11	35.70	23.55	5.15	111.6	-.54	.08	0.00	0.00	0.00	.12	.01	.13	8.	.03	
44.	25.65	35.75	23.73	5.08	109.2	-.43	.09	.02	0.00	.02			.17		.03	
56.	25.25	35.76	23.86	5.05	107.8	-.36	.10	.02	.01	.03			.25		.06	
68.	24.74	35.79	24.04	5.00	105.7	-.27	.11	.02	.01	.03			.29		.03	
79.	24.39	35.79	24.14	4.97	104.4	-.21	.09	.02	.01	.03			.42		.07	
91.	23.96	35.78	24.26	5.04	105.0	-.24	.10	.03	.02	.05	.44	.17	.53	28.	.07	
111.	23.11	35.73	24.47	4.92	100.9	-.04	.14	.21	.08	.29			.44		.04	
130.	22.30	35.70	24.68	4.68	94.5	.27	.20	1.16	.06	1.22			.29		.09	
150.	22.00	35.70	24.77	4.60	92.4	.38	.25	1.66	.05	1.71			.22		.04	
200.	20.68	35.71	25.14	4.55	89.1	.56	.30	3.07	.03	3.10			.08		.06	
250.	19.57	35.72	25.44	4.50	86.3	.72	.32	3.47	.03	3.50					.03	

CROISIERE: RCO848
STATION : 64
POSITION :21.28 S 167.40 E

DATE: 12 2 84
HEURE: 11 1

AIR= 264 230 VENT=140/ 2 FOND= 9999 NP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.23	35.68	23.49						0.00	0.00	0.00	.12	.01	.13	8.	
40.	26.04	35.73	23.59						0.00	.01	.01	.15	0.00	.14	0.	
55.	25.56	35.75	23.76						.04	0.00	.04	.15	.01	.15	6.	
70.	25.07	35.81	23.95						.01	0.00	.01	.19	.02	.20	10.	
80.	24.48	35.79	24.12						0.00	.01	.01	.23	.01	.24	4.	
90.	23.99	35.79	24.26						0.00	.07	.07	.32	.12	.39	27.	
100.	23.77	35.78	24.32						.03	.02	.05	.51	.22	.63	38.	
112.	23.14	35.76	24.49						.16	.07	.23	.39	.22	.51	36.	
130.	22.12	35.73	24.76						.08	.08	.96	.17	.10	.23	37.	
150.	21.82	35.73	24.84						1.45	.05	1.50	.10	.07	.14	41.	
200.	21.06	35.73	25.05						2.00	.04	2.04	.03	.03	.05	50.	
250.	19.28	35.73	25.52						2.65	.03	2.88					

CROISIERE: RC084B
STATION : 66
POSITION :21.28 S 167.48 E

DATE: 12 2 84
HEURE: 16 8

- 128 -

AIR= 255 216 VENT=120/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.29	35.70	23.49	5.21	113.3	-.61	.05	.04	.01	.05	.11	.04	.13	27.	.06
34.	26.17	35.71	23.54	4.95	107.4	-.34	.03	.06	.01	.07	.12	.05	.14	29.	.18
45.	25.94	35.72	23.62	5.10	110.2	-.47	.03	.06	.01	.07	.12	.04	.15	25.	.06
56.	25.31	35.75	23.83	5.04	107.7	-.36	.04	.00	.02	.10	.17	.06	.20	26.	.04
67.	24.61	35.79	24.00	5.00	105.5	-.26	.07	.07	.01	.08	.27	.10	.32	27.	0.00
80.	24.20	35.80	24.21	4.92	103.0	-.14	.07	.09	.01	.10	.29	.09	.34	24.	
91.	23.98	35.79	24.26	4.91	102.4	-.11	.06	.07	.02	.09	.42	.18	.51	30.	.03
111.	23.15	35.75	24.48	4.76	97.7	.11	.11	.24	.00	.32	.34	.23	.47	40.	.03
130.	22.33	35.71	24.68	4.59	92.8	.36	.14	.04	.09	.93	.25	.16	.33	39.	.12
150.	21.92	35.71	24.80	4.39	88.0	.60	.19	1.45	.05	1.50	.09	.15	.17	63.	.03
200.	20.89	35.74	25.11	4.44	87.3	.64	.25	2.39	.04	2.43	.02	.03	.04	60.	.06
250.	19.33	35.73	25.51	4.38	83.6	.06	.34	3.41	.02	3.43					0.00

CROISIERE: RC084B
STATION : 71
POSITION :21.22 S 167.46 E

DATE: 13 2 84
HEURE: 7 33

AIR=99999999 VENT=***/** FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.03	35.78	23.63				.06	.07	.02	.09	.12	.01	.13	8.	.01
26.	26.01	35.78	23.64				.06	.05	.02	.07	.11	.01	.11	8.	.18
45.	25.36	35.78	23.84				.06	.05	.02	.07	.23	.02	.24	8.	.34
65.	25.01	35.78	23.95				.00	.08	.03	.11	.26	.05	.29	17.	.04
75.	24.33	35.77	24.15				.09	.08	.03	.11	.39	.06	.42	13.	.07
84.	23.83	35.76	24.29				.07	.08	.03	.11	.39	.12	.46	24.	.13
96.	23.44	35.76	24.40				.09	.08	.03	.11	.33	.08	.38	20.	.04
113.	23.21	35.76	24.47				.11	.08	.03	.11	.33	.13	.40	28.	.01
130.	22.97	35.74	24.52				.12	.15	.06	.21	.33	.11	.39	25.	.06
150.	22.30	35.71	24.69				.17	.04	.09	.93	.22	.10	.28	31.	.25
200.	20.37	35.70	25.21				.30	2.53	.06	2.59	.01	.02	.02	67.	.09
250.	19.48	35.71	25.46				.35	3.07	.03	3.10					0.00

CROISIERE: RC084B
STATION : 76
POSITION :21.22 S 167.46 E

DATE: 13 2 84
HEURE: 17 55

AIR= 260 228 VENT=130/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.98	35.77	23.64				.05	.04	0.00	.04	.12	.01	.13	8.	.06
45.	25.75	35.77	23.71				.08	.05	0.00	.05	.15	.02	.16	12.	.06
64.	25.01	35.77	23.94				.12	.05	0.00	.05	.36	.06	.33	17.	.10
74.	24.32	35.77	24.15				.16	.04	.01	.05	.38	.12	.44	24.	.08
84.	23.86	35.77	24.29				.10	.03	.01	.04	.30	.11	.36	27.	.08
93.	23.66	35.77	24.34				.11	.03	.01	.04	.32	.11	.38	26.	.08
105.	23.60	35.77	24.36				.11	.06	.01	.07	.32	.13	.39	29.	.05
117.	23.55	35.78	24.38				.12	.06	.01	.07	.34	.08	.39	19.	.03
130.	23.29	35.75	24.44				.14	.11	.03	.14	.34	.19	.44	36.	.12
150.	22.65	35.72	24.60				.10	.51	.07	.56	.26	.14	.34	35.	.25
200.	20.97	35.71	25.06				.29	1.96	.04	2.00	.04	.06	.07	60.	.11
250.	19.44	35.69	25.45				.37	2.89	.03	2.92					.10

CROISIERE: RC0846
STATION : 82
POSITION :21.22 S 167.46 E

DATE: 14 2 84
HEURE: 6 46

- 129 -

AIR= 253 225 VENT=125/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	XPHA	NH4
0.	25.95	35.77	23.65				.20	.04	.01	.05	.12	.02	.13	14.	.01
33.	25.88	35.78	23.68				.10	.06	.01	.07	.13	.01	.13	7.	.03
52.	24.96	35.77	23.96				.08	.04	.01	.05	.19	.05	.21	21.	.03
64.	24.62	35.75	24.04				.11	.12	.02	.14	.25	.04	.27	14.	.16
74.	24.25	35.77	24.17				.10	.06	.01	.07	.29	.05	.32	15.	.04
86.	22.92	35.68	24.49				.12	.10	.02	.12	.28	.11	.34	28.	.12
99.	22.68	35.72	24.59				.17	.53	.08	.61	.26	.12	.33	32.	.03
117.	22.55	35.71	24.62				.17	.59	.09	.68	.21	.14	.29	40.	.03
131.	22.50	35.71	24.63				.19	.72	.08	.88	.21	.13	.28	38.	.03
154.	21.84	35.69	24.81				.24	1.58	.05	1.55	.13	.06	.17	32.	.07
206.	20.77	35.71	25.11				.34	2.63	.03	2.66	.02	.04	.04	67.	.04
250.	19.22	35.66	25.49				.45	4.13	.03	4.16					.04

CROISIERE: RC0846
STATION : 86
POSITION :21.38 S 167.49 E

DATE: 14 2 84
HEURE: 21 5

AIR= 253 225 VENT=135/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	XPHA	NH4
0.	26.02	35.72	23.59				.12			.05	.08	.02	.09	20.	.03
40.	25.55	35.76	23.77				.13			.06	.09	.02	.11	18.	.03
59.	25.29	35.77	23.85							.05	.13	.03	.15	19.	.09
69.	24.94	35.77	23.96				.15			.09	.33	.01	.32	3.	.03
79.	24.26	35.77	24.17				.15			.06	.34	.07	.38	17.	.04
88.	23.63	35.78	24.36				.24			.46	.21	.58	31.	.10	
98.	23.10	35.75	24.49				.26			.76	.25	.26	.39	51.	
110.	22.71	35.73	24.59				.29			1.15	.16	.26	.36	62.	.25
130.	22.40	35.72	24.67				.37			1.53	.13	.13	.20	1.	.04
149.	21.99	35.71	24.78				.45			1.79	.08	.10	.14	56.	.06
204.	20.89	35.71	25.08				.66			3.13	.01	.02	.02	67.	0.00
250.	19.48	35.67	25.43							4.56					.09

CROISIERE: RC0846
STATION : 87
POSITION :22.09 S 167.19 E

DATE: 15 2 84
HEURE: 1 54

AIR=99999999 VENT=144/16 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	XPHA	NH4
0.	26.65	35.54	23.26				.22	.07	0.00	.07	.12	.03	.14	20.	.12
40.	26.53	35.62	23.35				.13	.07	0.00	.07	.11	.01	.12	8.	.06
50.	26.51	35.62	23.36				.13	.07	0.00	.07	.09	.02	.11	18.	.10
60.	26.21	35.67	23.49				.20	.12	0.00	.12	.13	.03	.14	19.	.36
70.	24.82	35.73	23.97				.18	.12	0.00	.12	.17	.04	.18	19.	.15
80.	23.34	35.73	24.41				.30	.89	.03	.92	.39	.14	.47	26.	.28
90.	22.39	35.66	24.63				.27	1.46	.06	1.52	.34	.25	.48	42.	.04
110.	21.56	35.69	24.88				.44	3.11	.04	3.15	.12	.11	.18	48.	.22
130.	21.11	35.69	25.01				.42	3.58	.02	3.60	.09	.06	.13	40.	.10
149.	20.70	35.68	25.11				.44	3.86	.02	3.88	.05	.04	.07	44.	.07
200.	19.84	35.65	25.32				.51	4.48	.02	4.50	.01	.03	.02	75.	
249.	18.60	35.59	25.59				.59	5.49	.02	5.51					

CROISIÈRE: RC084B
STATION : 1017
POSITION :21.17 S 167.52 E

DATE: 7 2 84
HEURE: 4 45

- 130 -

AIR= 249 238 VENT=160/ 4 FOND= 9999 NP= 18

	PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUX	ZPHA	NH4
0.	.06	.09	0.00	.09	.27	.08	.85	1.000	12.12	.329	8.19	37.	.32	3399.	23.	.01	
30.	.07	.07	0.00	.07	.22	.03	.66	.240	6.85	.365	6.26	259.	.23		12.	.04	
50.	.07	.10	0.00	.10	.24	.06	.85	.170	3.11	.315	10.76	185.	.27		20.	.02	
60.	.08	.10	0.00	.10	.29	.06	1.01	.080	9.40	.292	9.51	148.	.32		17.	.03	
70.	.10	.04	0.00	.04	.36	.12	.96	.053	2.72	.358	9.80	185.	.43		25.	.01	
90.	.12	.06	.01	.07	.36	.20	1.22	.021	1.42	.337	13.30	37.	.47		36.	.04	
100.	.13	.10	.01	.11	.18	.38	1.14	.012	4.30	.349	12.29	0.	.34		63.	.04	
120.	.18	.55	.14	.69	.15	.28	1.10	.004	1.76	.295	8.57	37.	.30		65.	.01	
150.	.24	1.84	.04	1.88	.09	.11	.94	.001	7.06	.361	8.85	37.	.15		55.	0.00	
200.	.33	3.11	.02	3.13	.01	.03	1.66	0.000	7.98	.462	18.20	37.	.03		75.	.03	

CROISIÈRE: RC084B
STATION : 1025
POSITION :21.16 S 167.52 E

DATE: 8 2 84
HEURE: 4 40

AIR= 254 224 VENT=115/ 5 FOND= 9999 NP= 18

	PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUX	ZPHA	NH4
0.	.07	.03	0.00	.03	.11	.03	.88	1.000	4.20	.246	7.77	296.	.13	3439.	21.	0.00	
30.	.07	.03	0.00	.03	.13	.03	1.63	.240	5.14	.394	1.18	37.	.15		19.	0.00	
40.	.07	.09	.01	.10	.15	.03	1.36	.170	9.22	.284	12.19	74.	.16		17.	0.00	
60.	.09	.10	.01	.11	.21	.09	.64	.080	7.07	.242	5.39	37.	.26		30.	0.00	
70.	.10	.12	.01	.13	.34	.15	.46	.053	5.69	.244	4.99	185.	.43		31.	0.00	
90.	.11	.04	.01	.05	.36	.23	.74	.021	2.98	.206	6.49	111.	.49		39.	0.00	
100.	.12	.10	.03	.13	.34	.22	1.13	.012	7.79	.277	10.83	407.	.46		39.	0.00	
120.	.17	.30	.15	.45	.20	.20	.77	.004	12.21	.174	6.53	0.	.31		50.	0.00	
150.	.23	1.56	.07	1.63	.10	.11	.92	.001	16.02	.146	8.96	185.	.16		52.	0.00	
200.	.31	3.30	.03	3.33	.01	.05	1.13	0.000	8.17	.230	8.98	0.	.04		83.	.03	

CROISIÈRE: RC084B
STATION : 1034
POSITION :21.16 S 167.53 E

DATE: 9 2 84
HEURE: 4 50

AIR= 255 227 VENT=130/ 4 FOND= 9999 NP= 18

	PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUX	ZPHA	NH4
0.	.07	.03	0.00	.03	.13	.02	1.23	1.000	13.16	.283	10.60		.14	2944.	13.	.04	
30.	.07	.06	0.00	.06	.12	.02	.84	.240	23.24	.278	7.42	111.	.14		14.	0.00	
40.	.08	.06	0.00	.06	.15	.01	.74	.170	12.39		6.92	74.	.16		6.	0.00	
60.	.07	.04	.01	.05	.15	.03	.53	.080	16.84	.247	4.66	111.	.16		17.	.03	
70.	.08	.05	0.00	.05	.22	.06	1.16	.053	10.21	.375	12.59	111.	.25		21.	.03	
90.	.11	.05	0.00	.05	.38	.16	.63	.021	18.35	.295	6.25	74.	.47		30.	.03	
100.	.11	.09	.01	.10	.47	.18	.72	.012	11.56	.336	7.88	74.	.57		28.	.03	
120.	.13	.24	.08	.32	.38	.18	.53	.004	14.15	.336	5.73	111.	.48		32.	.01	
150.	.19	.90	.09	.99	.18	.28	.62	.001	20.31	.267	5.36	74.	.29		53.	.03	
200.	.30	2.83	.03	2.86	.02	.05	.50	0.000	3.99	.310	4.93	0.	.04		71.	0.00	

CROISIERE: RCO84B
STATION : 1043
POSITION :21.28 S 167.40 E

DATE: 10 2 84
HEURE: 4 40

- 131 -

AIR= 258 234 VENT= 40/ 5 FOND= 9999 NP= 10

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUM	ZPHA	NH4
0.	.06	.02	0.00	.02	.10	.10	.53	1.000	3.66	.294	6.29	370.	.16	1000.	50.	0.00
30.	.08	.05	0.00	.05	.15	.04	.61	.240	6.45	.391	6.65	222.	.18		21.	.03
50.	.08	.07	0.00	.07	.19	.04	.72	.115	11.77	.262	7.83	222.	.21		17.	.01
60.	.10	.04	0.00	.04	.23	.14	.57	.080	4.34	.316	6.00	111.	.31		38.	.04
70.	.10	.04	0.00	.04	.31	.08	.75	.053	3.94	.295	7.10	185.	.35		21.	.01
80.	.11	.03	0.00	.03	.44	.15	.71	.033	2.11	.289	6.61	0.	.52		25.	.01
100.	.13	.08	.63	.11	.53	.24	.68	.012	2.80	.343	7.21	37.	.66		31.	.04
120.	.18	.49	.10	.59	.21	.27	.67	.004	17.80	.335	7.47	222.	.36		56.	.01
150.	.20	.79	.11	.90	.16	.23	.53	.001	7.80	.367	5.18	0.	.28		59.	.01
200.	.29	2.43	.03	2.46	.04	.07	.51	0.000	6.28	.394	5.27	74.	.03		64.	.01

CROISIERE: RCO84B
STATION : 1052
POSITION :21.27 S 167.40 E

DATE: 11 2 84
HEURE: 4 35

AIR= 266 225 VENT=215/10 FOND= 9999 NP= 10

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUM	ZPHA	NH4
0.	.07	.05	0.00	.05	.19	.03	.50	1.000	4.37	.338	5.33	259.	.20	3320.	14.	0.00
30.	.08	.05	0.00	.05	.17	.04	.66	.240	16.22	.256	6.77	407.	.19		19.	0.00
50.	.09	.07	0.00	.07	.20	.05	.59	.115	27.92	.207	5.54	185.	.23		20.	0.00
60.	.10	.09	.01	.10	.26	.06	.58	.080	3.57	.240	4.96	111.	.30		19.	.04
80.	.11	.04	.01	.05	.29	.10	.80	.033	15.85	.499	9.02	185.	.34		26.	.01
90.	.12	.04	.01	.05	.34	.18	.66	.021	3.29	.238	6.82	185.	.44		35.	.03
100.	.14	.08	.02	.10	.44	.20	.41	.012	31.80		4.06	111.	.55		31.	.01
120.	.18	.28	.09	.37	.25	.31	.39	.004	1.02	.225	3.70	296.	.42		55.	.04
150.	.26	1.70	.04	1.74	.10	.14	.33	.001	4.96	.225	4.15	37.	.18		58.	0.00
200.	.31	2.74	.03	2.77	.02	.05	1.02	0.000	14.80	.302	10.33	37.	.05		71.	0.00

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CROISIERE: RCO84B
STATION : 1061
POSITION :21.28 S 167.41 E

DATE: 12 2 84
HEURE: 4 45

AIR= 250 229 VENT=150/ 6 FOND= 9999 NP= 10

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUM	ZPHA	NH4
0.	.07	.02	0.00	.02	.17	.03	.44	1.000	8.44	.307	4.26	296.	.19	3248.	15.	0.00
30.	.09	.03	0.00	.03	.16	.02	.01	.240	13.08	.307	7.83	296.	.17		11.	0.00
50.	.10	.07	.01	.08	.23	.02	.65	.115	10.73	.288	7.05	74.	.24		8.	.06
70.	.10	.07	.01	.08	.36	.07	.56	.053	18.55	.272	6.38	74.	.40		16.	0.00
80.	.12	.05	0.00	.05	.34	.17	.62	.033	17.77	.277	6.54	185.	.43		33.	.03
90.	.11	.04	.02	.06	.42	.19	.43	.021	8.65	.302	3.43	74.	.52		31.	.21
100.	.15	.10	.04	.14	.44	.25	.41	.012	6.83	.242	4.12	74.	.57		36.	.01
120.	.19	.44	.10	.54	.25	.18	.53	.004	4.32	.249	5.07	74.	.35		42.	0.00
150.	.25	1.52	.05	1.57	.10	.16	.54	.001	1.56	.356	5.50	185.	.18		62.	0.00
200.	.33	2.48	.03	2.51	.03	.05	.50	0.000	0.00	.330	4.35	37.	.05		63.	0.00

PREFIL 9

(RCO 84 C)

du 10 au 22 Mai 1984

Description de la croisière

- 77 stations sonde STD.
- 14 stations avec prélèvement Rosette (1 à 7 et 71 à 77)
sur transect SW - NE entre Lifou et Ouvéa 0 - 250 m.
- 3 points fixes de 3 et 2 jours.

P_p : st. 8 à 31 + 1008 - 1016 - 1024

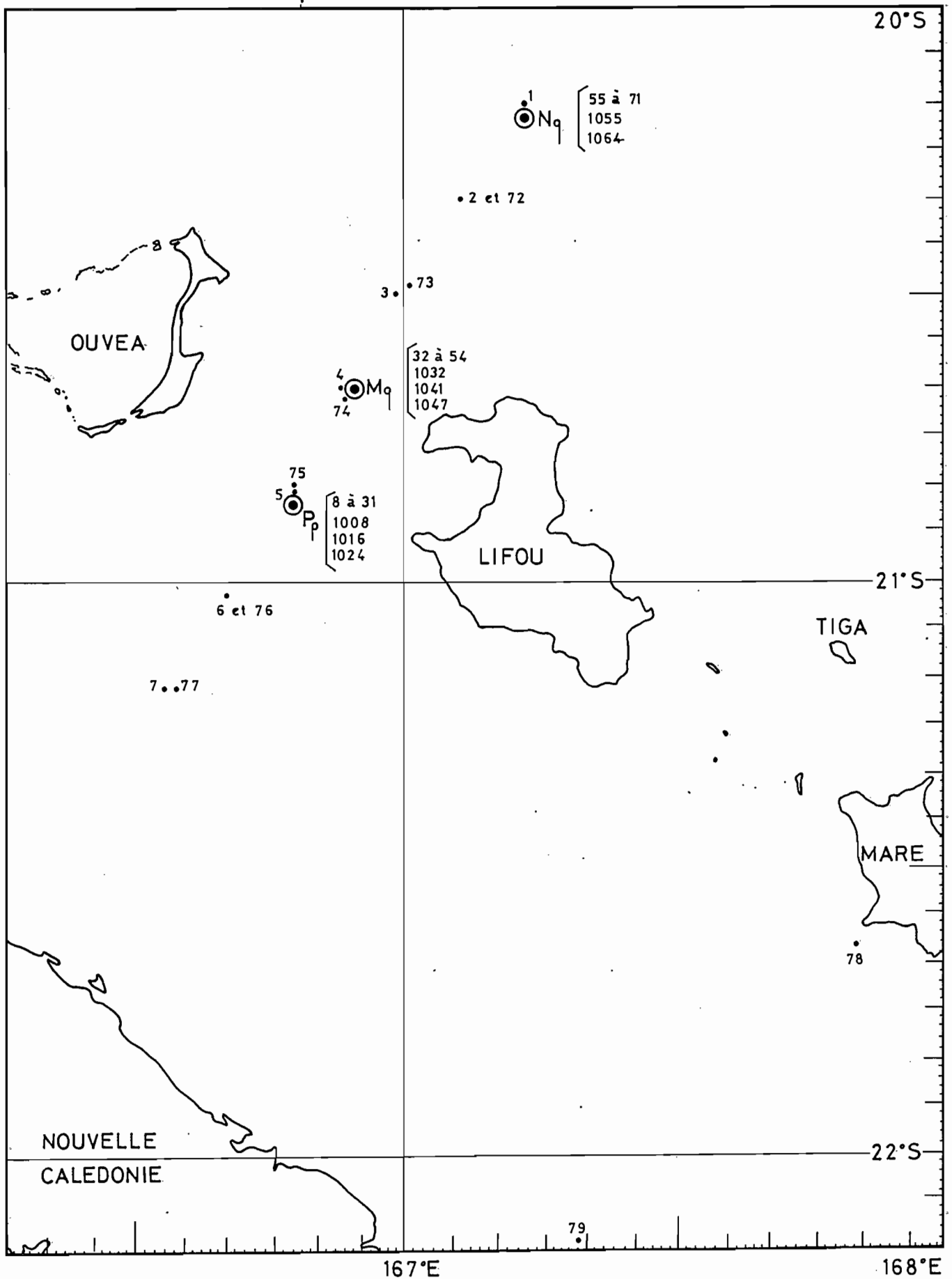
M_q : st. 32 à 54 + 1032 - 1041 - 1047

N_q : st. 55 à 71 + 1055 - 1064

Remarques :

- Fluorimètre en panne à la station 1047.
 - Croisière interrompue après la st. 1047 par un A/R Nouméa.
 - Préfiltration sur 50µ.
 - P_p : GF/F (lavés HCl N/10 grillés 400°) v : 1,55 l.
 - Chl a : GF/F.
 - CHN : filtres GF/F lavés HCl N/10.
 - ATP : Millipores 47 mm.
 - Comptages : GF/F.
-

PREFIL 9



CROISIERE: RC084C
STATION : 1
POSITION :20.10 S 167.13 E

DATE: 11 5 84
HEURE: 8 10

- 134 -

AIR=99999999 VENT=*** FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.22	35.33	23.23				0.00	.02	.01	.03	.41	.24	.54	37.	.14
20.	26.23	35.35	23.25				0.00	.03	0.00	.03	.39	.21	.56	35.	.14
40.	26.26	35.44	23.30				.01	.07	.01	.08	.44	.24	.57	35.	.17
60.	25.47	35.59	23.66				.02	.06	.02	.08	.57	.20	.68	26.	.05
70.	23.94	35.71	24.22				.08	.05	.05	.10	.48	.27	.63	36.	.23
80.	23.46	35.73	24.37				.13	.17	.20	.37	.28	.40	.49	59.	.20
90.	23.00	35.71	24.49				.15	.93	.15	1.08	.26	.40	.47	61.	.09
100.	22.66	35.69	24.57				.20	1.76	.03	1.84	.23	.27	.38	54.	.12
125.	21.90	35.69	24.79				.24	2.54	.05	2.59	.09	.19	.20	68.	.05
150.	21.04	35.68	25.02				.28	3.09	.04	3.13	.06	.12	.13	67.	.09
200.	19.56	35.65	25.39				.35	4.21	.02	4.23	.01	.08	.05	89.	.08
250.	18.16	35.56	25.68				.44	5.46	.02	5.48	0.00	.03	.02	1.	.08

CROISIERE: RC084C
STATION : 2
POSITION :20.20 S 167.06 E

DATE: 11 5 84
HEURE: 10 55

AIR= 2419999 VENT= 90/ FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.19	35.19	23.14				0.00	.02	.01	.03	.32	.05	.35	14.	.08
20.	26.08	35.21	23.19				0.00	.03	.01	.04	.35	.09	.39	20.	.13
40.	26.20	35.39	23.29				0.00	.06	.01	.07	.37	.10	.42	21.	.08
60.	25.98	35.53	23.46				0.00	.07	.02	.09	.57	.16	.66	22.	.05
70.	25.35	35.62	23.72				.02	.01	.03	.04	.66	.30	.82	31.	.18
80.	24.82	35.66	23.91				.03	.08	.04	.12	.73	.25	.86	26.	.21
90.	23.75	35.71	24.27				.07	.13	.12	.25	.52	.68	.89	57.	.09
100.	23.86	35.71	24.47				.11	.50	.16	.66	.52	.41	.75	44.	.04
125.	22.12	35.70	24.73				.14	1.36	.12	1.48	.28	.28	.43	50.	.07
150.	20.90	35.67	25.05				.23	2.91	.05	2.96	.06	.13	.13	68.	.08
200.	19.05	35.62	25.50				.33	4.46	.03	4.49	.01	.05	.04	83.	.04
250.	17.54	35.52	25.80				.45	5.81	.03	5.84	0.00	.06	.03	1.	.03

CROISIERE: RC084C
STATION : 3
POSITION :20.30 S 166.59 E

DATE: 11 5 84
HEURE: 12 53

AIR= 2469999 VENT= 90/ FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.42	35.12	23.01				0.00	0.00	0.00	0.00	.33	.05	.36	13.	.10
20.	26.03	35.40	23.35				0.00	0.00	0.00	0.00	.66	.06	.63	8.	.04
40.	25.60	35.66	23.68				0.00	0.00	0.00	0.00	.50	.15	.59	23.	.10
60.	25.40	35.68	23.75				.03	0.00	.02	.01	.52	.24	.66	32.	.07
70.	24.57	35.69	24.01				.04	0.00	.02	.01	.52	.24	.66	32.	.08
80.	23.66	35.68	24.28				.08	.27	.13	.40	.50	.21	.62	30.	.13
90.	22.34	35.67	24.65				.17	1.73	.11	1.84	.28	.28	.43	58.	.07
100.	21.67	35.69	24.65				.20	2.00	.08	2.16	.21	.28	.36	57.	.12
125.	20.77	35.68	25.09				.24	2.84	.03	2.87	.08	.12	.14	60.	.08
150.	20.12	35.66	25.25				.31	3.66	.02	3.68	.02	.05	.04	71.	.09
200.	18.79	35.60	25.55				.39	4.59	.01	4.70	0.00	.03	.02	1.	.10
250.	17.52	35.51	25.80				.39	5.64	.01	5.65	0.00	.04	.02	1.	.07

CROISIERE: RCO84C
STATION : 4
POSITION :20.40 S 166.53 E

DATE: 11 5 84
HEURE: 15 2

- 135 -

AIR= 2639999 VENT= 90/%% FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.16	35.52	23.40				0.00	.06	.02	.08	.26	.04	.28	13.	.29
20.	25.89	35.59	23.53				0.00	.05	.03	.08	.34	.07	.38	17.	.08
40.	25.62	35.67	23.68				0.00	.04	.02	.06	.41	.02	.40	5.	.03
60.	25.08	35.69	23.86				.01	.06	.03	.09	.46	.14	.53	23.	.04
70.	23.99	35.69	24.19				.06	.39	.11	.50	.46	.25	.60	35.	.06
80.	22.87	35.69	24.51				.12	.98	.14	1.12	.30	.32	.47	52.	.04
90.	22.36	35.69	24.66				.15	1.41	.12	1.53	.22	.27	.37	55.	.11
100.	21.94	35.69	24.78				.18	1.82	.09	1.91	.16	.24	.28	60.	.14
125.	21.28	35.68	24.95				.22	2.60	.05	2.65	.12	.14	.20	54.	.05
150.	20.87	35.67	25.06				.24	2.94	.04	2.98	.08	.10	.13	56.	.09
200.	19.21	35.62	25.46				.32	4.10	.03	4.13	.02	.05	.05	71.	.03
250.	17.74	35.52	25.75				.45	5.85	.03	5.88	0.00	.05	.03	1.	.04

CROISIERE: RCO84C
STATION : 5
POSITION :20.51 S 166.47 E

DATE: 11 5 84
HEURE: 17 14

AIR= 2639999 VENT= 90/%% FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.61	35.56	23.28				0.00	0.60	0.00	0.00	.32	.08	.37	20.	.34
20.	25.81	35.61	23.57				0.00	0.00	0.00	0.00	.29	.07	.33	19.	.04
40.	25.76	35.63	23.60				0.00	0.00	0.00	0.00	.50	.06	.53	11.	.14
60.	25.40	35.67	23.75				0.00	.01	.02	.03	.57	.22	.39	28.	.03
70.	24.88	35.66	23.90				.02	.07	.06	.13	.55	.20	.66	27.	.35
80.	23.22	35.70	24.42				.10	.57	.20	.77	.37	.27	.51	42.	.11
90.	22.54	35.69	24.61				.11	.65	.19	.84	.23	.38	.44	62.	.01
100.	22.44	35.69	24.64				.15	1.27	.13	1.40	.28	.19	.38	40.	.24
125.	21.64	35.69	24.86				.20	2.17	.05	2.22	.19	.30	.35	61.	0.00
150.	20.82	35.67	25.07				.24	2.79	.03	2.82	.09	.20	.20	69.	0.00
200.	19.78	35.65	25.33				.31	3.82	.02	3.84	.04	.07	.08	63.	0.00
250.	18.08	35.55	25.69				.43	5.39	.01	5.40	.01	.08	.06	89.	.18

CROISIERE: RCO84C
STATION : 6
POSITION :21.01 S 166.40 E

DATE: 11 5 84
HEURE: 19 25

AIR= 2579999 VENT= 90/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.20	35.56	23.41				0.00	.01	.01	.02	.37	.12	.31	24.	.21
20.	25.90	35.55	23.50				0.00	.01	.01	.02	.29	.01	.30	3.	.20
40.	25.84	35.58	23.54				0.00	.01	.02	.03	.26	.10	.32	28.	.17
60.	25.21	35.66	23.80				0.00	0.00	.03	.03	.55	.13	.62	19.	.45
70.	24.40	35.68	24.06				.02	.06	.06	.12	.59	.12	.66	17.	.16
80.	24.18	35.69	24.13				.03	.21	.14	.35	.44	.24	.57	35.	.08
90.	23.83	35.69	24.23				.04	.31	.15	.46	.39	.32	.57	45.	.08
100.	22.70	35.69	24.56				.08	.65	.13	.83	.39	.21	.50	35.	.05
125.	21.66	35.69	24.86				.17	2.07	.09	2.16	.05	.41	.27	89.	.05
150.	20.31	35.68	25.22				.21	2.71	.04	2.75	.05	.13	.12	72.	
200.	19.08	35.63	25.50				.30	4.30	.03	4.33	.01	.04	.03	80.	.08
250.	18.11	35.57	25.70				.39	5.31	.02	5.33	.01	.02	.02	67.	.05

CROISIERE: RCO84C
STATION : 7
POSITION :21.11 S 166.33 E

DATE: 11 5 84
HEURE: 21 25

- 136 -

AIR= 2579999 VENT= 90/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.09	35.53	23.43				0.00	.09	0.00	.09	.28	.17	.37	38.	.17
20.	25.95	35.55	23.48				0.00	.04	0.00	.04	.19	.04	.22	17.	.16
40.	25.86	35.63	23.57				0.00	.01	0.00	.01	.29	.17	.38	37.	.11
60.	24.73	35.64	23.93				.02	.05	.01	.06	.37	.34	.56	48.	.22
70.	23.58	35.70	24.31				.04	.07	.05	.12	.57	.11	.65	16.	.37
80.	22.73	35.70	24.56				.07	.24	.23	.47	.37	.25	.50	40.	.24
90.	22.78	35.69	24.54				.13	1.34	.14	1.48	.41	.09	.46	18.	.16
100.	21.49	35.69	24.90				.20	2.45	.05	2.50	.22	.10	.27	31.	.12
125.	20.86	35.68	25.07				.24	2.91	.04	2.95	.06	.15	.14	71.	.70
150.	20.06	35.67	25.27				.28	3.37	.03	3.40	.09	.01	.09	10.	.13
200.	18.76	35.61	25.57				.34	4.47	.02	4.49	.01	.03	.03	75.	.29
250.	17.54	35.53	25.81				.45	5.79	.02	5.81	.01	.03	.03	75.	.22

CROISIERE: RCO84C
STATION : 8
POSITION :20.52 S 166.47 E

DATE: 12 5 84
HEURE: 4 29

AIR= 260 251 VENT= 90/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.93	35.54	23.48	5.06	109.2	-.43	0.00	.02	0.00	.02	.24	.02	.25	0.	.28
20.	25.85	35.62	23.57	5.07	109.3	-.43	0.00	0.00	0.00	0.00			.43		.08
40.	25.72	35.65	23.63	5.07	109.1	-.42	0.00	0.00	0.00	0.00			.74		.19
60.	25.48	35.64	23.70	5.03	107.7	-.36	0.00	.03	.02	.05			1.21		.18
70.	25.23	35.65	23.78	5.01	106.8	-.32	0.00	.08	.05	.13	.55	.02	.66	27.	.08
80.	24.13	35.68	24.14	5.00	104.5	-.21	.04	.19	.15	.34			.95		.12
90.	23.23	35.69	24.41	5.03	103.4	-.16	.08	.42	.28	.70			.62		.31
100.	22.59	35.69	24.59	4.87	98.9	.05	.13	1.71	.13	1.84	.21	.31	.38	60.	.07
125.	21.54	35.69	24.89	4.81	95.8	.21	.18	2.28	.06	2.34			.20		.03
150.	20.58	35.68	25.14	4.64	90.7	.48	.24	3.27	.04	3.31			.08		.11
200.	18.94	35.62	25.53	4.55	86.1	.73	.33	4.68	.02	4.70			.04		.01
250.	17.66	35.52	25.77	4.69	86.5	.73	.43	6.01	.03	6.04	.01	.01	.01	50.	.05

CROISIERE: RCO84C
STATION : 9
POSITION :20.52 S 166.45 E

DATE: 12 5 84
HEURE: 7 0

AIR= 2599999 VENT= 90/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.86	35.58	23.53					.01	0.00	.01			.26		
20.	25.85	35.61	23.56					.03	0.00	.03			.27		
40.	25.78	35.64	23.60					.04	0.00	.04			.44		
60.	25.57	35.65	23.68					.05	.01	.06			.59		
70.	24.95	35.64	23.86					.03	.01	.04			.92		
80.	23.93	35.69	24.20					.11	.06	.17			.67		
90.	23.25	35.69	24.40					.22	.31	.53			.66		
100.	22.61	35.70	24.60					1.17	.16	1.33			.36		
125.	21.63	35.70	24.87					2.12	.04	2.16			.20		
150.	20.92	35.67	25.04					3.03	.04	3.07			.10		
200.	19.35	35.63	25.43					4.43	.02	4.45			.04		
250.	17.52	35.50	25.79					6.10	.02	6.12			.61		

CROISIERE: RCO94C
STATION : 10
POSITION :20.52 S 166.42 E

DATE: 12 5 84
HEURE: 10 27

- 137 -

AIR= 2599999 VENT= 90/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.00	35.57	23.48					.04	.61	.05	.22	.85	.24	19.	
20.	25.82	35.63	23.58					.02	.01	.03			.49		
40.	25.64	35.63	23.64					.04	.01	.05			1.02		
60.	24.68	35.67	23.96					.08	.11	.19			1.46		
70.	23.99	35.68	24.18					.14	.16	.30	.57	.85	.60	8.	
80.	23.42	35.69	24.35					.67	.19	.86			.73		
90.	22.75	35.70	24.56					1.09	.16	1.25			.47		
100.	22.32	35.69	24.67					1.76	.10	1.86	.16	.17	.25	52.	
125.	21.26	35.68	24.96					2.37	.06	2.43			.15		
150.	20.35	35.64	25.17					3.32	.63	3.35			.08		
200.	18.68	35.58	25.58					5.06	.02	5.08			.04		
250.	17.28	35.48	25.83					6.18	.02	6.20	0.00	.04	.02	1.	

CROISIERE: RCO84C
STATION : 11
POSITION :20.52 S 166.45 E

DATE: 12 5 84
HEURE: 13 10

AIR= 2659999 VENT= 60/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.38	35.56	23.38					.01	0.00	.01	.22	.87	.25	24.	
20.	25.87	35.61	23.55					.03	.01	.04			.35		
40.	25.76	35.61	23.59					.01	.01	.02			.71		
60.	24.68	35.66	23.96					.23	.13	.36	.30	.43	.53	59.	
70.	24.08	35.67	24.17					.19	.28	.47			.62		
80.	23.32	35.70	24.39					.49	.21	.70			.52		
90.	22.69	35.69	24.57					1.15	.15	1.38	.26	.27	.40	51.	
100.	22.21	35.69	24.70					1.79	.00	1.87			.27		
125.	21.15	35.68	24.99					2.42	.94	2.46			.14		
150.	20.37	35.64	25.17					3.38	.03	3.41			.70		
200.	18.68	35.59	25.59					4.80	.02	4.82			.49		
250.	17.26	35.49	25.85					6.23	.02	6.25	.02	.02	.03	51.	

CROISIERE: RCO84C
STATION : 12
POSITION :20.52 S 166.46 E

DATE: 12 5 84
HEURE: 16 42

AIR= 2639999 VENT= 60/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.22	35.46	23.33	5.07	109.9	-.46	0.00	.09	0.00	.09			.41		.08
20.	25.98	35.57	23.49	5.15	111.3	-.52	0.00	.03	.01	.04			.50		.18
40.	25.83	35.61	23.57	5.09	109.7	-.45	0.00	.03	.01	.04			.43		.04
60.	25.68	35.68	23.67	5.07	109.0	-.42	0.00	.03	.01	.04			.64		.04
70.	25.40	35.63	23.71	5.08	108.6	-.40	.01	.08	.04	.12			.60		.04
80.	23.71	35.69	24.27	5.04	104.5	-.22	.06	.25	.25	.50			.58		.03
90.	23.12	35.69	24.44	4.94	101.3	-.06	.14	.86	.18	1.04			.42		.09
100.	22.69	35.70	24.57	4.82	98.1	.09	.15	1.54	.09	1.63			.27		.03
125.	21.50	35.67	24.88	4.86	96.7	.17	.26	2.26	.05	2.31			.15		.04
150.	20.65	35.67	25.12	4.67	91.4	.44	.23	2.86	.03	2.89			.08		.01
200.	18.98	35.60	25.50	4.65	88.1	.63	.34	4.38	.03	4.33			.03		.05
250.	17.80	35.54	25.75	5.03	93.1	.37	.43	5.35	.02	5.37			.02		.03

CROISIERE: RC084C
STATION : 13
POSITION :20.51 S 166.46 E

DATE: 12 5 84
HEURE: 19 0

- 138 -

AIR= 2609999 VENT= 60/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	XPHA	NHA
0.	26.13	35.46	23.36					.01	.01	.02			.40		
20.	25.87	35.61	23.55					.02	.01	.03			.55		
40.	25.64	35.65	23.66					.03	0.00	.13			.52		
60.	24.96	35.66	23.87					.08	.03	.11	.35	.20	.45	36.	
70.	24.15	35.67	24.12					.19	.12	.31	.44	.26	.58	37.	
80.	23.84	35.69	24.46					.38	.22	.60	.26	.31	.42	54.	
90.	22.67	35.69	24.57					.90	.19	1.09			.47		
100.	22.19	35.69	24.71					1.65	.10	1.75			.35		
125.	21.70	35.67	24.83					1.99	.06	2.05			.21		
150.	20.93	35.67	25.04					2.95	.04	2.99			.12		
200.	19.71	35.64	25.34					3.90	.04	3.94			.03		
250.	18.33	35.55	25.63					5.20	.02	5.22	0.80	.04	.02	1.	

CROISIERE: RC084C
STATION : 14
POSITION :20.52 S 166.16 E

DATE: 12 5 84
HEURE: 23 4

AIR= 255 0 VENT= 60/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	XPHA	NHA
0.	26.30	35.56	23.38					.03	.01	.04			.36		
20.	25.87	35.61	23.55					.03	0.00	.03			.48		
40.	25.76	35.61	23.59					.02	0.00	.02			.58		
60.	24.68	35.66	23.96					.07	.01	.08			.93		
70.	24.00	35.67	24.17					.23	.19	.42			.50		
80.	23.32	35.70	24.39					.56	.22	.78			.59		
90.	22.69	35.69	24.57					1.40	.10	1.50			.49		
100.	22.21	35.69	24.70					1.78	.06	1.84			.34		
125.	21.31	35.67	24.94					2.58	.03	2.61			.18		
150.	20.37	35.64	25.17					3.00	.03	3.03			.13		
200.	18.60	35.59	25.59					4.15	.01	4.16			.07		
250.	17.26	35.49	25.65					5.31	.01	5.32			.95		

CROISIERE: RC084C
STATION : 15
POSITION :20.52 S 166.47 E

DATE: 13 5 84
HEURE: 1 20

AIR= 260 245 VENT=110/ 1 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	XPHA	NHA
0.	26.00	35.52	23.45					0.00	0.00	0.00			.32		
20.	25.96	35.55	23.48					.22	0.00	.22			.38		
40.	25.72	35.63	23.62					.10	.01	.11			.57		
60.	25.43	35.65	23.72					.92	.09	1.01			.74		
70.	23.98	35.68	24.18					.42	.25	.67			.75		
80.	23.21	35.70	24.42					1.41	.17	1.58			.54		
90.	22.42	35.70	24.65					1.71	.13	1.84			.44		
100.	22.04	35.69	24.75					2.04	.07	2.11			.33		
125.	21.28	35.68	24.95					2.41	.04	2.45			.19		
150.	20.43	35.67	25.18					2.82	.03	2.85			.12		
200.	18.81	35.62	25.56					4.62	.02	4.64			.05		
250.	17.37	35.50	25.83					5.86	.02	5.88			.03		

CROISIERE: RCO84C
STATION : 16
POSITION :20.52 S 166.46 E

DATE: 13 5 84
HEURE: 4 26

- 139 -

AIR= 2509999 VENT= 80/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.83	35.38	23.33	4.82	104.1	-.19	0.00	.05	.01	.06	.22	.05	.25	19.	.05
20.	26.00	35.52	23.45	4.85	104.0	-.22	0.00	.30	.01	.31			.27		.04
40.	25.94	35.55	23.49	4.82	104.0	-.19	0.00	.17	.01	.18			.31		.04
60.	25.48	35.64	23.70	4.80	102.8	-.13	0.00	.43	.01	.44			.65		.04
70.	24.63	35.66	23.97	4.77	100.6	-.03	0.00	.31	.06	.37	.52	.15	.61	22.	.14
80.	23.26	35.70	24.41	4.71	96.9	.15	.06	.50	.21	.71			.70		.07
90.	22.76	35.69	24.54	4.69	95.5	.22	.08	.77	.23	1.00			.54		.10
100.	22.28	35.70	24.69	4.55	91.9	.40	.12	1.63	.13	1.76	.22	.24	.35	52.	.01
125.	21.93	35.68	24.77	4.45	89.2	.54	.18	2.91	.05	2.96			.19		.05
150.	20.17	35.66	25.24	4.42	85.7	.74	.24	3.46	.03	3.49			.14		.09
200.	18.93	35.62	25.53	4.45	84.2	.83	.32	4.88	.63	4.91			.03		.08
250.	17.75	35.53	25.76	4.47	82.6	.94	.43	6.69	.03	6.72	0.00	.03	.02	1.	.04

CROISIERE: RCO84C
STATION : 19
POSITION :20.52 S 166.45 E

DATE: 13 5 84
HEURE: 13 7

AIR= 2699999 VENT=360/ 1 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.14	35.31	23.24				0.00	.02	.01	.03	.22	.08	.26	27.	.17
20.	25.94	35.53	23.47				0.00	.08	.01	.09			.36		.04
40.	25.80	35.61	23.58				0.00	.02	.01	.03	.29	.15	.37	34.	.06
60.	25.16	35.65	23.80				.01	.04	.02	.06			.03		.01
70.	24.20	35.68	24.12				.05	.44	.15	.59	.52	.26	.67	33.	.09
80.	23.67	35.69	24.28				.09	.56	.20	.76			.59		.08
90.	22.69	35.69	24.57				.14	1.04	.18	1.22			.39		.10
100.	22.33	35.70	24.68				.16	1.81	.11	1.92			.35		.08
125.	20.80	35.67	25.08				.23	2.79	.03	2.82			.22		.03
150.	19.99	35.66	25.29				.29	3.66	.03	3.69			.19		.02
200.	18.52	35.58	25.60				.37	4.92	.03	4.95	.02	.05	.05	71.	.04
250.	17.70	35.53	25.77				.46	5.77	.02	5.79			.05		.12

CROISIERE: RCO84C
STATION : 26
POSITION :20.52 S 166.14 E

DATE: 13 5 84
HEURE: 16 15

AIR= 265 245 VENT=360/ 1 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.19	35.30	23.22	5.01	100.5	-.39	0.00	.04	.01	.05	.22	.04	.24	15.	.04
20.	25.92	35.55	23.49	5.01	103.1	-.38	0.00	.03	.01	.04			.33		.04
40.	25.68	35.62	23.62	5.00	107.5	-.35	0.00	.03	.01	.04			.48		.01
60.	24.79	35.66	23.92	5.02	106.2	-.29	.01	.09	.03	.12	.57	.24	.70	30.	.13
70.	23.82	35.69	24.24	5.00	103.9	-.19	.06	.39	.18	.57			.52		.04
80.	23.12	35.68	24.43	5.06	103.8	-.18	.03	.71	.20	.91			.48		.03
90.	22.63	35.70	24.59	4.86	98.8	.06	.11	1.07	.18	1.25	.19	.26	.33	58.	.01
100.	22.17	35.70	24.72	4.79	96.5	.17	.15	1.40	.14	1.54			.26		0.00
125.	20.90	35.67	25.05	4.49	88.3	.59	.23	2.80	.04	2.84			.12		0.00
150.	19.96	35.66	25.29	4.48	86.5	.70	.28	3.33	.03	3.36	.02	.08	.06	80.	0.00
200.	18.77	35.60	25.56	4.47	84.3	.83	.35	4.63	.02	4.65			.03		.03
250.	17.80	35.53	25.74	4.54	84.0	.86	.44	5.50	.02	5.52			.01		0.00

CROISIERE: RCO84C
STATION : 24
POSITION :20.51 S 166.46 E

DATE: 14 5 84
HEURE: 4 26

- 140 -

AIR= 255 244 VENT=280/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.11	35.27	23.22	4.94	106.8	-31	0.00	0.00	0.00	0.00	.17	.05	.20	23.	.03
20.	25.90	35.54	23.49	5.02	100.3	-38	0.00	0.00	0.00	0.00			.32		.01
40.	25.70	35.64	23.63	5.01	107.7	-36	0.00	0.00	0.00	0.00			.53		.01
60.	25.23	35.66	23.79	4.98	106.2	-29	0.00	.04	.01	.05			.98		.04
70.	24.18	35.69	24.13	5.01	104.8	-23	.03	.14	.06	.20	.50	.27	.65	35.	0.00
80.	23.30	35.69	24.39	4.99	102.7	-13	.00	.44	.15	.59			.71		0.00
90.	22.91	35.69	24.50	4.85	99.1	.04	.09	.62	.17	.79			.57		.04
100.	22.22	35.69	24.70	4.62	93.2	.34	.15	1.61	.11	1.72			.35		.07
125.	21.14	35.68	24.99	4.48	88.5	.50	.23	2.70	.04	2.74	.07	.12	.14	63.	.03
150.	20.46	35.67	25.17	4.45	86.8	.68	.20	3.17	.03	3.20			.06		.07
200.	18.71	35.59	25.56	4.49	84.6	.82	.36	4.42	.63	4.45			.03		.03
250.	17.30	35.50	25.84	4.57	83.7	.89	.47	5.93	.02	5.85	0.00	.03	.02	1.	.05

CROISIERE: RCO84C
STATION : 27
POSITION :20.52 S 166.46 E

DATE: 14 5 84
HEURE: 11 15

AIR= 269 250 VENT=290/** FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.16	35.24	23.19					.04	.01	.05			.15		
20.	25.95	35.52	23.46					.03	.01	.04	.21	.07	.25	25.	
40.	25.74	35.60	23.59					.06	.01	.07			.46		
60.	25.27	35.65	23.77					.03	.01	.04			.80		
70.	24.78	35.68	23.94					.26	.07	.33	.48	.27	.63	36.	
80.	23.55	35.68	24.31					.44	.14	.58			.68		
90.	23.08	35.70	24.46					.65	.16	.81			.55		
100.	23.05	35.69	24.46					.74	.16	.96	.32	.24	.45	43.	
125.	21.61	35.69	24.87					2.50	.05	2.55			.27		
150.	20.83	35.67	25.07					3.01	.03	3.04			.10		
200.	19.48	35.63	25.40					4.07	.03	4.10	.01	.05	.04	83.	
250.	17.07	35.54	25.74					5.31	.02	5.33			.01		

CROISIERE: RCO84C
STATION : 29
POSITION :20.52 S 166.46 E

DATE: 14 5 84
HEURE: 16 5

AIR= 265 245 VENT=340/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.42	35.25	23.11	5.04	109.5	-44	0.00	.02	0.00	.02	.16	.05	.18	24.	.05
20.	25.98	35.50	23.44	5.13	110.8	-50	0.00	.02	0.00	.02			.25		.23
40.	25.70	35.62	23.61	5.17	111.1	-52	0.00	.03	0.00	.03					.09
60.	25.10	35.66	23.83	5.11	108.7	-41	0.00	.05	.01	.06	.48	.27	.63	36.	.05
70.	24.28	35.68	24.09	5.05	105.8	-28	.03	.17	.66	.23			.53		.22
80.	23.50	35.68	24.32	4.99	103.1	-15	.09	.39	.12	.51			.39		
90.	22.41	35.68	24.64	4.92	99.6	.02	.13	1.02	.14	1.16	.26	.29	.41	53.	.09
100.	21.96	35.69	24.77	4.83	96.9	.15	.19	1.95	.07	2.02			.29		.14
125.	20.64	35.67	25.12	4.60	90.6	.51	.29	3.29	.02	3.31			.13		.08
150.	19.80	35.65	25.33	4.60	88.6	.59	.32	3.61	.02	3.63			.06		.04
200.	18.66	35.59	25.58	4.68	80.1	.63	.40	4.51	.02	4.53	.01	.04	.03	80.	.04
250.	17.47	35.50	25.80	4.57	84.0	.87	.50	5.68	.02	5.70			.02		.09

CROISIERE: RCO84C
STATION : 32
POSITION :20.40 S 166.54 E

DATE: 15 5 84
HEURE: 4 29

- 141 -

AIR= 250 245 VENT=210/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.19	35.24	23.18	4.84	164.8	-22	0.00	0.00	0.00	0.00	.19	.08	.23	30.	.03
20.	26.30	35.35	23.22	4.81	104.4	-20	0.00	.03	0.00	.63			.27		.07
40.	26.05	35.50	23.42	4.80	103.8	-17	0.00	.04	.01	.05			.35		0.00
60.	24.25	35.68	24.10	4.84	101.4	-07	.04	.07	.13	.20	.59	.25	.73	30.	.04
70.	23.65	35.68	24.28	4.71	97.6	.12	.07	.31	.25	.56			.54		.05
80.	23.62	35.69	24.30	4.73	97.9	.10	.10	.73	.20	.95			.42		.02
90.	23.81	35.69	24.47	4.69	96.0	.20	.11	.84	.15	.99	.37	.34	.56	40.	.08
100.	22.04	35.70	24.53	4.68	95.5	.22	.13	1.07	.12	1.19			.50		.02
125.	21.49	35.68	24.90	4.69	93.3	.34	.17	2.03	.06	2.09			.30		.03
150.	21.04	35.68	25.02	4.52	89.1	.55	.21	2.55	.04	2.59			.22		.01
200.	18.91	35.61	25.53	4.52	85.5	.77	.30	4.00	.03	4.03			.07		.03
250.	17.95	35.47	25.69	4.50	83.3	.90	.39	5.19	.03	5.22	.01	.07	.05	87.	.03

CROISIERE: RCO84C
STATION : 35
POSITION :20.40 S 166.53 E

DATE: 15 5 84
HEURE: 11 13

AIR= 249 235 VENT=170/10 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.17	35.28	23.21					.03	0.00	.03	.14	.06	.17	30.	
20.	26.01	35.54	23.46					.03	0.60	.03			.22		
40.	25.61	35.67	23.68					.02	.01	.03			.25		
60.	23.45	35.69	24.35					.11	.12	.23	.59	.31	.76	34.	
70.	22.98	35.70	24.49					.78	.23	1.01			.47		
80.	22.63	35.70	24.59					1.25	.10	1.35			.44		
90.	22.15	35.69	24.72					2.03	.07	2.10	.16	.25	.30	61.	
100.	21.36	35.68	24.93					2.20	.05	2.25			.19		
125.	20.50	35.67	25.16					3.27	.03	3.30			.07		
150.	19.94	35.66	25.30					3.94	.02	3.96	.02	.04	.04	67.	
200.	18.57	35.59	25.60					4.76	.02	4.78			.02		
250.	17.28	35.49	25.84					6.12	.03	6.15			.01		

CROISIERE: RCO84C
STATION : 37
POSITION :20.41 S 166.54 E

DATE: 15 5 84
HEURE: 16 3

AIR= 247 220 VENT=170/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.40	35.29	23.15	4.89	166.3	-29	0.00	.04	0.00	.04	.13	.06	.17	32.	.07
20.	26.25	35.28	23.19	4.88	105.8	-27	0.00	.10	0.06	.10			.22		0.00
40.	25.88	35.56	23.51	4.87	105.0	-23	0.00	.03	0.00	.03			.30		.04
60.	24.85	35.66	23.91	4.88	103.3	-16	.03	.04	.05	.07			.79		.01
70.	24.33	35.69	24.08	4.97	104.2	-20	.04	.05	.06	.11			.84		.18
80.	23.37	35.70	24.38	4.85	99.9	.00	.00	.31	.22	.53	.66	.24	.79	27.	.01
90.	22.91	35.70	24.51	4.71	96.2	.18	.12	.91	.18	1.09			.59		.07
100.	22.26	35.69	24.69	4.61	93.0	.34	.17	1.73	.68	1.81			.33		.04
125.	21.48	35.68	24.90	4.52	89.9	.51	.20	2.32	.04	2.36	.09	.18	.20	67.	.01
150.	20.62	35.67	25.13	4.43	86.7	.63	.25	3.12	.03	3.15			.16		.03
200.	19.17	35.60	25.45	4.46	84.8	.80	.32	4.15	.02	4.17			.04		.05
250.	18.07	35.57	25.71	4.41	82.0	.96	.38	5.05	.02	5.07	0.00	.04	.02	1.	.01

CROISIERE: RC084C
STATION : 41
POSITION :20.41 S 166.54 E

DATE: 16 5 84
HEURE: 4 26

- 142 -

AIR= 239 212 VENT=135/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.04	35.33	23.29	4.75	102.6	-12	0.00	.01	.01	.02	.15	.09	.20	37.	.14
20.	26.04	35.39	23.34	4.77	103.0	-14	0.00	.01	.01	.02			.20		.04
40.	25.61	35.68	23.69	4.80	103.1	-14	0.00	.04	.01	.05			.24		.09
60.	24.42	35.69	24.06	4.76	100.0	-00	.05	.09	.07	.16			.62		.02
70.	24.03	35.68	24.17	4.89	102.0	-10	.07	.26	.19	.45	.57	.37	.77	39.	.02
80.	23.49	35.68	24.33	4.66	96.2	.18	.12	.31	.22	.53			.60		.02
90.	22.93	35.69	24.50	4.58	93.6	.31	.14	1.02	.16	1.18			.60		.06
100.	22.51	35.69	24.62	4.53	91.9	.40	.15	1.38	.14	1.52	.32	.28	.47	47.	.11
125.	21.74	35.69	24.83	4.32	86.3	.68	.21	2.39	.07	2.46			.24		.01
150.	21.03	35.67	25.01	4.41	96.9	.66	.23	2.89	.06	2.95			.12		.01
200.	19.39	35.63	25.42	4.31	82.3	.93	.30	4.15	.04	4.19			.04		.03
250.	18.02	35.54	25.70	4.39	81.6	.99	.38	5.32	.03	5.35	0.00	.04	.02	1.	.01

CROISIERE: RC084C
STATION : 42
POSITION :20.41 S 166.53 E

DATE: 16 5 84
HEURE: 7 6

AIR= 240 215 VENT=135/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.96	35.37	23.35					.03	0.00	.03			.17		
20.	25.97	35.40	23.37					.02	.01	.03			.17		
40.	25.85	35.56	23.52					.01	.01	.02			.21		
60.	25.59	35.69	23.70					.05	.01	.06			.29		
70.	24.57	35.69	24.01					.08	.06	.14			.60		
80.	23.70	35.69	24.27					.31	.26	.57			.55		
90.	23.16	35.69	24.43					.78	.23	1.01			.51		
100.	22.71	35.69	24.56					1.25	.10	1.35			.35		
125.	22.15	35.69	24.72						.07				.20		
150.	21.34	35.69	24.94					2.60	.04	2.64			.07		
200.	19.28	35.61	25.43					4.32	.03	4.35			.02		
250.	18.17	35.57	25.68					5.20	.02	5.22			.01		

CROISIERE: RC084C
STATION : 43
POSITION :20.41 S 166.53 E

DATE: 16 5 84
HEURE: 10 0

AIR=99999999 VENT=141/14 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.06	35.38	23.32					.02	.01	.03			.17		
20.	26.01	35.40	23.35					.01	.01	.02	.14	.06	.17	30.	
40.	25.76	35.61	23.59					.02	.01	.03			.22		
60.	24.55	35.69	24.02					.07	.06	.13			.78		
70.	23.79	35.69	24.25					.50	.27	.77	.44	.26	.58	37.	
80.	23.05	35.68	24.45					1.53	.00	1.66			.44		
90.	22.34	35.70	24.67					2.20	.07	2.27			.25		
100.	22.02	35.69	24.75					2.63	.06	2.69	.07	.15	.17	62.	
125.	20.68	35.67	25.11					3.34	.05	3.39			.08		
150.	19.77	35.65	25.34					3.99	.04	4.03			.04		
200.	18.55	35.59	25.60					4.91	.03	4.94	0.00	.04	.02	1.	
250.	17.41	35.52	25.83					5.95	.03	5.98			.02		

CROISIERE: RC084C
STATION : 44
POSITION :20.41 S 166.54 E

DATE: 16 5 84
HEURE: 11 15

- 143 -

AIR= 251 225 VENT=135/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	XPHA	NH4
0.	26.21	35.40	23.29					.01	.01	.02			.15		
20.	26.13	35.41	23.32					.08	.02	.10			.25		
40.	25.54	35.68	23.71					.03	.02	.05			.34		
60.	23.70	35.69	24.27					.35	.26	.61			.77		
70.	22.78	35.69	24.54					1.32	.14	1.46			.61		
80.	22.60	35.69	24.59					1.52	.13	1.65			.48		
90.	22.18	35.69	24.71					1.97	.00	2.05			.33		
100.	21.85	35.69	24.80					2.30	.08	2.38			.23		
125.	21.25	35.69	24.97					3.01	.06	3.07			.14		
150.	20.82	35.66	25.28					3.72	.04	3.76			.05		
200.	19.73	35.61	25.57					4.54	.05	4.57			.03		
250.	17.18	35.48	25.86					6.29	.04	6.33			.02		

CROISIERE: RC084C
STATION : 45
POSITION :20.41 S 166.53 E

DATE: 16 5 84
HEURE: 12 59

AIR= 257 222 VENT=130/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	XPHA	NH4
0.	26.27	35.40	23.27					.08	.01	.09	.14	.06	.17	30.	
20.	26.22	35.40	23.29					.05	.01	.06			.21		
40.	25.86	35.52	23.49					.03	.01	.04			.27		
60.	25.40	35.69	23.76					.06	.01	.07			.42		
70.	24.26	35.68	24.10					.10	.10	.20	.52	.38	.73	42.	
80.	23.58	35.69	24.31					.56	.26	.82			.51		
90.	22.55	35.70	24.61					1.47	.10	1.57			.46		
100.	22.23	35.69	24.70					1.62	.11	1.73			.37		
125.	20.84	35.68	25.07					2.96	.04	3.00	.09	.07	.12	44.	
150.	20.12	35.66	25.25					3.53	.03	3.56			.06		
200.	18.71	35.60	25.57					4.55	.03	4.58			.03		
250.	17.32	35.50	25.84					6.16	.03	6.19	0.00	.03	.01	1.	

CROISIERE: RC084C
STATION : 47
POSITION :20.40 S 166.53 E

DATE: 18 5 84
HEURE: 4 22

AIR= 255 245 VENT=310/ 7 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	XPHA	NH4
0.	26.17	35.45	23.34	4.70	101.8	-.08	0.00	0.00	0.00	0.00	.20	.10	.26	33.	.11
20.	26.18	35.45	23.34	4.68	101.4	-.06	0.00	0.00	0.00	.05	.26	.07	.30	21.	.08
40.	26.18	35.45	23.34	4.66	101.0	-.04	0.00	.03	0.00	.03	.23	.07	.27	23.	.04
60.	24.41	35.68	24.05	4.69	98.5	.07	.05	.05	.11	.16	.41	.24	.54	37.	.07
70.	23.26	35.71	24.42	4.58	94.2	.28	.10	.59	.26	.85	.28	.41	.50	59.	.05
80.	22.73	35.70	24.56	4.50	93.3	.33	.13	.95	.20	1.15	.26	.32	.43	55.	.00
90.	22.30	35.70	24.68	4.46	96.1	.49	.17	1.61	.11	1.72	.23	.22	.35	49.	0.00
100.	21.96	35.70	24.78	4.44	59.1	.54	.10	1.07	.10	1.97	.13	.23	.25	64.	0.00
125.	21.08	35.69	25.02	4.34	85.7	.73	.23	2.68	.06	2.74	.06	.10	.12	62.	0.00
150.	20.53	35.68	25.16	4.23	62.6	.89	.26	3.24	.05	3.29	.02	.08	.06	80.	0.00
200.	18.72	35.63	25.59	4.28	80.7	1.02	.33	4.57	.04	4.61	0.00	.03	.01	1.	.01
250.	17.63	35.56	25.81	4.33	79.9	1.07	.39	5.35	.03	5.38	0.00	.03	.01	1.	.16

CROISIERE: RC084C
STATION : 48
POSITION :20.41 S 166.53 E

DATE: 18 5 84
HEURE: 7 13

- 144 -

AIR= 256 238 VENT=310/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CH1A	ZPHA	NH4
0.	26.18	35.44	23.33					.01	0.00	.01					
20.	26.18	35.44	23.33					.01	0.00	.01					
40.	26.17	35.45	23.34					.01	0.00	.01					
60.	26.00	35.48	23.39					.03	0.00	.03					
70.	25.43	35.59	23.68					0.00	.01	.01					
80.	23.92	35.66	24.18					.04	.05	.09					
90.	23.16	35.70	24.44					.48	.27	.75					
100.	22.70	35.70	24.57					.92	.20	1.12					
125.	21.83	35.68	24.80					2.18	.07	2.25					
150.	21.13	35.68	24.99					2.65	.05	2.70					
200.	20.10	35.65	25.25					3.57	.04	3.61					
250.	18.35	35.60	25.66					4.65	.03	4.88					

CROISIERE: RC084C
STATION : 49
POSITION :20.42 S 166.53 E

DATE: 18 3 84
HEURE: 9 50

AIR=99999999 VENT=114/11 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CH1A	ZPHA	NH4
0.	26.21	35.45	23.33					0.00	0.00	0.00					
20.	26.18	35.46	23.34					.01	0.00	.01					
40.	26.12	35.48	23.38					.02	.01	.03					
60.	24.25	35.68	24.10					.40	.20	.68					
70.	23.29	35.70	24.40					.69	.22	.91					
80.	22.68	35.70	24.58					1.11	.14	1.25					
90.	22.34	35.70	24.67					1.55	.10	1.65					
100.	22.18	35.70	24.72					1.62	.11	1.73					
125.	21.23	35.70	24.98					2.57	.05	2.62					
150.	20.76	35.68	25.09					3.01	.04	3.05					
200.	19.23	35.64	25.47					4.12	.03	4.15					
250.	18.11	35.59	25.71					4.99	.02	5.01					

CROISIERE: RC084C
STATION : 50
POSITION :20.40 S 166.54 E

DATE: 18 5 84
HEURE: 11 25

AIR= 256 245 VENT=225/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	P04	N03	N02	N023	Ch1a	PHA	CH1A	ZPHA	NH4
0.	26.29	35.45	23.30					.07	.01	.00	.13	.09	.18	41.	
20.	26.19	35.44	23.33					.07	.01	.08	.22	.05	.24	19.	
40.	26.17	35.46	23.35					.09	.02	.11	.22	.07	.25	24.	
60.	23.73	35.68	24.26					.19	.17	.35	.35	.25	.48	42.	
70.	23.00	35.68	24.45					.60	.38	.90	.21	.31	.38	60.	
80.	22.45	35.69	24.63					1.28	.15	1.43	.19	.27	.33	59.	
90.	22.14	35.70	24.73					1.76	.10	1.86	.14	.23	.26	62.	
100.	22.04	35.69	24.75					1.97	.10	2.07	.14	.14	.22	50.	
125.	21.29	35.68	24.95					2.91	.07	2.98	.06	.16	.15	73.	
150.	20.58	35.67	25.14					3.20	.06	3.26	.02	.07	.06	78.	
200.	19.14	35.63	25.48					4.66	.05	4.11	0.06	.03	.01	1.	
250.	17.89	35.55	25.74					5.35	.04	5.39	0.60	.02	0.00	1.	

CROISIERE: RCO84C
STATION : 51
POSITION :20.41 S 166.54 E

DATE: 18 5 84
HEURE: 13 8

- 145 -

AIR= 259 236 VENT=270/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.36	35.44	23.27					.01	.01	.02					
20.	26.20	35.44	23.32					.02	.01	.03					
40.	26.16	35.45	23.34					.01	.01	.02					
60.	24.72	35.61	23.91					.04	.05	.09					
70.	23.80	35.69	24.24					.28	.23	.51					
80.	23.27	35.69	24.40					.61	.26	.87					
90.	22.72	35.69	24.56					1.57	.11	1.68					
100.	22.23	35.69	24.70					1.72	.10	1.82					
125.	21.27	35.68	24.96					2.65	.05	2.70					
150.	20.45	35.66	25.16					3.20	.04	3.24					
200.	18.85	35.62	25.55					4.51	.03	4.54					
250.	17.40	35.52	25.83					5.60	.03	5.63					

CROISIERE: RCO84C
STATION : 52
POSITION :20.41 S 166.53 E

DATE: 18 5 84
HEURE: 16 6

AIR= 255 247 VENT=300/ 7 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.27	35.47	23.32	4.73	102.7	-.12	0.00	.04	0.00	.04	.14	.16	.23	53.	.15
20.	26.23	35.46	23.33												
40.	26.19	35.47	23.35	4.73	102.5	-.12	0.00	.06	0.00	.06	.14	.08	.18	36.	.30
60.	25.96	35.49	23.44	4.71	101.7	-.08	0.00	.05	.01	.06	.25	.12	.31	32.	.22
70.	24.38	35.60	24.00	4.71	98.8	.06	.04	.11	.11	.22	.28	.34	.46	55.	.07
80.	23.22	35.65	24.38	4.68	96.1	.19	.09	.67	.23	.90	.32	.14	.40	30.	.01
90.	22.10	35.68	24.72	4.41	88.7	.56	.17	1.92	.07	1.99	.12	.20	.23	62.	.11
100.	21.86	35.70	24.81	4.41	88.3	.58	.19	2.12	.07	2.19	.06	.22	.18	79.	.03
125.	20.83	35.68	25.08	4.27	83.9	.82	.26	3.07	.03	3.10	.03	.05	.05	62.	.03
150.	19.87	35.67	25.32	4.27	82.3	.92	.28	3.42	.03	3.45	.02	.04	.04	67.	.03
200.	18.57	35.61	25.61	4.34	81.6	.98	.36	4.58	.02	4.60	0.00	.03	.01	1.	.01
250.	17.14	35.51	25.89	4.34	79.2	1.14	.45	5.85	.02	5.87	0.00	.03	.01	1.	.12

CROISIERE: RCO84C
STATION : 53
POSITION :20.41 S 166.53 E

DATE: 18 5 84
HEURE: 19 3

AIR= 255 243 VENT=290/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.26	35.43	23.30					.01	0.00	.01					
20.	26.26	35.43	23.30					.01	0.00	.01					
40.	26.19	35.44	23.33					.03	0.00	.03					
60.	25.96	35.48	23.43					.04	.01	.05					
70.	24.80	35.60	23.88					.08	.06	.14					
80.	24.57	35.64	23.98					.06	.09	.15					
90.	23.54	35.68	24.31					.43	.27	.70					
100.	22.57	35.69	24.60					1.56	.11	1.67					
125.	21.57	35.68	24.87					2.28	.07	2.35					
150.	20.99	35.68	25.03					2.96	.03	2.93					
200.	19.73	35.65	25.35					3.85	.03	3.88					
250.	17.98	35.56	25.72					5.20	.02	5.22					

CROISIERE: RCOBAC
STATION : 54
POSITION :20.48 S 166.54 E

DATE: 18 5 84
HEURE: 23 0

- 146 -

AIR= 251 225 VENT=290/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.17	35.45	23.34					.01	0.00	.01					
20.	26.17	35.45	23.34					.04	0.00	.04					
40.	26.17	35.46	23.35					.05	0.00	.05					
60.	24.42	35.65	24.03					.18	.22	.40					
70.	23.65	35.70	24.29					.89	.22	1.11					
80.	22.88	35.70	24.52					2.06	.06	2.12					
90.	22.02	35.69	24.75					2.32	.06	2.38					
100.	21.60	35.70	24.88					2.42	.05	2.47					
125.	21.09	35.68	25.01					2.73	.04	2.77					
150.	20.38	35.67	25.21					3.21	.03	3.24					
200.	19.83	35.62	25.50					4.25	.02	4.27					
250.	17.27	35.51	25.86					5.56	.02	5.58					

CROISIERE: RCOBAC
STATION : 55
POSITION :20.12 S 167.13 E

DATE: 19 5 84
HEURE: 4 28

AIR= 252 225 VENT=286/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.73	35.23	23.00	4.71	102.9	-.13	0.00	.05	0.00	.05					.01
20.	26.74	35.23	22.99	4.72	103.2	-.15	0.00	.08	0.00	.08					.01
40.	26.75	35.23	22.99	4.69	102.5	-.12	0.00	.09	0.00	.09					.01
60.	26.04	35.65	23.53	4.71	101.9	-.09	0.00	.11	.01	.12					.04
70.	25.86	35.70	23.87	4.82	102.5	-.12	.02	.04	.01	.05					.09
80.	24.07	35.73	24.19	4.84	101.1	-.05	.06	.03	.03	.06					.05
90.	23.68	35.78	24.29	4.72	97.8	.11	.08	.28	.19	.47					.03
100.	22.86	35.70	24.52	4.54	92.7	.36	.14	1.14	.11	1.25					.03
125.	21.96	35.69	24.77	4.48	89.9	.50	.18	1.99	.07	2.06					.01
150.	21.18	35.69	24.99	4.25	84.0	.81	.25	2.92	.05	2.97					.01
200.	19.52	35.64	25.39	4.27	81.8	.95	.32	4.26	.02	4.28					
250.	17.88	35.55	25.74	4.37	81.0	1.03	.37	5.31	.02	5.33					

CROISIERE: RCOBAC
STATION : 56
POSITION :20.18 S 167.13 E

DATE: 19 5 84
HEURE: 8 0

AIR= 259 218 VENT=290/ 7 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.73	35.22	22.99					.01	0.00	.01					
20.	26.73	35.22	22.99					.04	0.00	.04					
40.	26.74	35.23	22.99					.02	0.00	.02					
60.	25.73	35.72	23.68					.04	0.00	.04					
70.	24.63	35.74	24.03					.01	.02	.03					
80.	23.90	35.74	24.25					.09	.17	.26					
90.	23.58	35.73	24.36					.52	.21	.73					
100.	22.95	35.70	24.50					1.16	.03	1.24					
125.	21.93	35.69	24.78					2.09	.05	2.14					
150.	21.30	35.69	24.96					2.61	.04	2.65					
200.	19.63	35.65	25.37					3.81	.02	3.63					
250.	17.83	35.56	25.76					5.19	.02	5.21					

CROISIERE: RCO84C
STATION : 57
POSITION :20.10 S 167.13 E

DATE: 19 5 84
HEURE: 10 12

- 147 -

AIR=99999999 VENT=444/44 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NHA
0.	26.72	35.22	22.99					0.00	0.00	0.00					
20.	26.72	35.23	23.00					0.00	0.00	0.00					
40.	26.60	35.53	23.26					0.00	0.00	0.00					
60.	24.72	35.77	24.03					0.00	.01	0.00					
70.	24.06	35.74	24.20					0.00	.02	.02					
80.	23.68	35.73	24.31					0.00	.03	.03					
90.	23.28	35.70	24.40					.77	.18	.95					
100.	22.83	35.70	24.53					1.14	.09	1.23					
125.	22.02	35.69	24.75					1.94	.06	2.00					
150.	21.49	35.69	24.90					2.32	.04	2.36					
200.	20.14	35.66	25.25					3.35	.02	3.37					
250.	18.58	35.60	25.60					4.59	.02	4.61					

CROISIERE: RCO84C
STATION : 58
POSITION :20.10 S 167.12 E

DATE: 19 5 84
HEURE: 11 36

AIR= 262 233 VENT=280/ 8 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NHA
0.	26.74	35.22	22.99					.04	.01	.05	.16	.07	.20	36.	
20.	26.73	35.23	23.00					.03	.02	.05	.16	.10	.21	38.	
40.	26.50	35.51	23.28					.01	.02	.03	.20	.14	.23	41.	
60.	24.39	35.75	24.11					.01	.02	.03	.36	.22	.42	42.	
70.	23.74	35.72	24.28					.04	.00	.12	.32	.22	.44	41.	
80.	23.42	35.73	24.38					.20	.15	.35	.28	.34	.46	55.	
90.	23.08	35.70	24.46					.80	.17	1.05	.17	.30	.33	64.	
100.	22.65	35.70	24.58					1.19	.09	1.28	.10	.25	.24	71.	
125.	21.92	35.69	24.78					2.04	.06	2.10	.03	.18	.13	86.	
150.	21.19	35.69	24.99					2.61	.05	2.66	.02	.09	.06	82.	
200.	19.94	35.66	25.30					3.44	.04	3.48	0.00	.05	.03	1.	
250.	18.22	35.59	25.69					4.73	.03	4.76	0.00	.06	.03	1.	

CROISIERE: RCO84C
STATION : 59
POSITION :20.10 N 166.11 E

DATE: 19 5 84
HEURE: 12 55

AIR= 260 222 VENT=280/ 8 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NHA
0.	26.72	35.23	23.00					0.00	0.00	0.00					
20.	26.71	35.23	23.00					0.00	0.00	0.00					
40.	26.70	35.23	23.01					0.00	.01	.01					
60.	26.22	35.64	23.47					.03	.01	.04					
70.	25.32	35.76	23.84					.03	.01	.04					
80.	24.02	35.73	24.21					.03	.00	.11					
90.	23.50	35.71	24.35					.68	.24	.92					
100.	23.63	35.72	24.49					1.11	.10	1.21					
125.	22.07	35.68	24.73					2.00	.07	2.07					
150.	21.32	35.69	24.95					2.65	.04	2.69					
200.	19.88	35.65	25.31					3.65	.03	3.68					
250.	18.36	35.60	25.66					4.60	.02	4.62					

CROISIERE: RCO84C
STATION : 60
POSITION :20.12 S 166.14 E

DATE: 19 5 84
HEURE: 16 6

- 148 -

AIR= 269 228 VENT=290/10 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.77	35.24	22.99	4.81	165.2	-24	0.00	.02	0.06	.02	.14	.00	.10	36.	.01
20.	26.77	35.25	23.00	4.76	164.1	-19	0.00	.05	0.00	.05	.14	.09	.19	27.	.01
40.	26.77	35.26	23.01	4.76	164.1	-19	0.00	.05	0.00	.05	.20	.08	.24	29.	0.00
60.	26.04	35.71	23.58	4.71	166.3	-29	.04	.03	0.00	.03	.26	.12	.33	32.	0.00
70.	25.33	35.75	23.83	4.90	164.7	-22	.06	.05	0.00	.05	.25	.19	.36	43.	.01
80.	24.69	35.77	24.04	4.79	161.2	-06	.09	.02	.01	.03	.26	.22	.38	46.	.01
90.	23.79	35.74	24.28	4.75	98.7	.06	.09	.10	.17	.27	.22	.23	.34	51.	.04
100.	22.99	35.71	24.49	4.58	93.7	.31	.13	.76	.10	.86	.13	.24	.26	65.	.03
125.	22.11	35.69	24.73	4.40	88.5	.57	.19	1.87	.05	1.92	.06	.11	.13	65.	.04
150.	21.46	35.68	24.90	4.46	88.7	.57	.21	2.66	.04	2.70	.02	.11	.08	85.	.01
200.	19.57	35.66	25.40	4.31	82.6	.91	.30	3.79	.02	3.81	0.00	.04	.02	1.	.03
250.	18.19	35.59	25.69	4.34	80.9	1.02	.38	4.82	.02	4.84	0.00	.04	.02	1.	.03

CROISIERE: RCO84C
STATION : 61
POSITION :20.11 S 167.11 E

DATE: 19 5 84
HEURE: 19 0

AIR= 267 230 VENT=280/10 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.58	35.21	23.03					.04	0.00	.04					
20.	26.56	35.20	23.03					.04	0.00	.04					
40.	26.63	35.41	23.17					.06	0.00	.06					
60.	25.49	35.74	23.77					.04	0.00	.04					
70.	24.76	35.76	24.01					.04	0.00	.04					
80.	24.34	35.76	24.13					.03	.02	.05					
90.	23.58	35.72	24.33					.20	.18	.38					
100.	23.05	35.71	24.48					.96	.10	1.06					
125.	22.32	35.69	24.67					2.27	.06	2.33					
150.	21.53	35.69	24.89					2.62	.04	2.66					
200.	19.71	35.65	25.35					3.69	.03	3.72					
250.	18.21	35.58	25.68					4.84	.02	4.86					

CROISIERE: RCO84C
STATION : 62
POSITION :20.09 S 167.12 E

DATE: 19 5 84
HEURE: 23 7

AIR= 257 230 VENT=290/10 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.54	35.21	23.04					.05	.01	.06					
20.	26.55	35.21	23.04					.05	.01	.06					
40.	26.22	35.64	23.47					.06	.01	.07					
60.	24.76	35.79	24.03					.07	.03	.10					
70.	23.80	35.73	24.27					.26	.15	.41					
80.	23.22	35.71	24.43					.75	.14	.89					
90.	22.68	35.78	24.58					1.28	.09	1.37					
100.	22.37	35.69	24.66					1.49	.07	1.56					
125.	21.66	35.69	24.86					2.58	.04	2.62					
150.	20.93	35.68	25.05					2.65	.03	2.68					
200.	19.05	35.65	25.31					3.38	.02	3.40					
250.	18.33	35.58	25.65					4.66	.01	4.67					

CROISIERE: RCO84C
STATION : 63
POSITION :20.89 S 167.11 E

DATE: 20 5 84
HEURE: 1 26

- 149 -

AIR= 258 228 VENT=290/ 8 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAG	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NHA
0.	26.51	35.19	23.04					0.00	0.00	0.00					
20.	26.51	35.20	23.05					.02	.01	.03					
40.	26.52	35.22	23.06					.02	0.00	.02					
60.	25.60	35.72	23.72					.04	.02	.06					
70.	24.46	35.76	24.10					.01	.01	.02					
80.	23.65	35.72	24.31					.25	.17	.42					
90.	23.86	35.68	24.45					.59	.16	.75					
100.	22.55	35.70	24.61					1.42	.00	1.50					
125.	21.77	35.69	24.82					2.38	.05	2.43					
150.	21.07	35.68	25.61					2.52	.03	2.55					
200.	19.65	35.66	25.37					3.70	.03	3.73					
250.	18.35	35.60	25.66					4.78	.03	4.81					

CROISIERE: RCO84C
STATION : 64
POSITION :20.10 S 167.12 E

DATE: 20 5 84
HEURE: 4 21

AIR= 251 230 VENT=300/ 7 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAG	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NHA
0.	26.51	35.22	23.06	4.80	104.5	-.21	0.00	.02	0.00	.02					.05
20.	26.52	35.23	23.06	4.73	103.0	-.14	0.00	.05	0.00	.05					.04
40.	26.54	35.24	23.07	4.74	103.2	-.15	0.00	.04	.01	.05					.04
60.	25.43	35.77	23.81	4.81	103.0	-.14	.07	.02	.01	.03					.07
70.	24.72	35.79	24.04	4.76	100.6	-.03	.00	.08	.03	.11					.16
80.	23.97	35.76	24.24	4.77	99.4	.03	.09	.08	.13	.21					.20
90.	23.28	35.71	24.41	4.66	95.9	.20	.07	.41	.19	.60					.00
100.	22.71	35.70	24.57	4.51	91.8	.40	.14	1.25	.10	1.35					.07
125.	21.92	35.69	24.78	4.31	86.4	.68	.20	2.27	.06	2.33					.05
150.	21.29	35.68	24.95	4.49	89.0	.56	.18	2.23	.05	2.28					.09
200.	19.63	35.65	25.37	4.35	63.5	.06	.27	3.58	.03	3.61					.03
250.	18.29	35.59	25.67	4.34	81.1	1.01	.35	4.78	.03	4.81					.08

CROISIERE: RCO84C
STATION : 67
POSITION :20.10 S 167.13 E

DATE: 20 5 84
HEURE: 11 23

AIR= 2589999 VENT=280/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAG	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NHA
0.	26.45	35.24	23.09					.02	.01	.03	.19	.04	.21	17.	
20.	26.41	35.24	23.11					.06	.01	.07			.27		
40.	26.40	35.25	23.12					.03	.01	.04			.34		
60.	24.77	35.79	24.03					.02	.01	.03			.56		
70.	24.04	35.76	24.22					.40	.17	.65	.39	.21	.50	35.	
80.	23.19	35.72	24.44					1.01	.11	1.12			.44		
90.	22.09	35.70	24.52					1.31	.08	1.39			.35		
100.	22.67	35.70	24.58					2.55	.07	2.62	.14	.22	.26	61.	
125.	21.69	35.68	24.78					2.43	.05	2.48			.12		
150.	21.21	35.68	24.97					3.45	.03	3.48			.05		
200.	19.77	35.66	25.29					4.93	.02	4.95	0.00	.03	.02	1.	
250.	18.13	35.58	25.70					5.04	.03	5.07			.01		

CROISIERE: RCO84C
STATION : 69
POSITION :20.10 S 166.12 E

DATE: 20 5 84
HEURE: 16 0

- 150 -

AIR= 250 227 VENT=150/ 7 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.46	35.25	23.10	4.77	163.8	-17	.01	.02	.01	.03			.20		.39
20.	26.41	35.25	23.11	4.78	163.9	-18	0.00	.04	0.00	.04	.20	.09	.25	31.	.18
40.	26.44	35.47	23.27	4.83	165.2	-24	0.00	.03	.01	.04			.31		.05
60.	25.24	35.72	23.03	4.84	163.2	-15	.04	.03	.01	.04			.51		.16
70.	24.71	35.77	24.03	4.77	166.8	-04	.08	.07	.03	.10	.44	.28	.59	39.	.03
80.	24.03	35.76	24.23	4.73	98.7	0.06	.09	.11	.15	.26			.48		.09
90.	23.43	35.73	24.38	4.65	95.9	.20	.08	.36	.17	.53			.44		.07
100.	22.84	35.69	24.52	4.54	92.6	.36	.13	1.36	.09	1.45			.27		.42
125.	21.65	35.68	24.85	4.37	87.2	.64	.20	2.40	.05	2.53	.05	.15	.13	75.	.24
150.	20.81	35.68	25.00	4.41	86.6	.68	.20	2.00	.05	2.83			.05		.15
200.	19.88	35.67	25.32	4.34	83.7	.85	.27	3.68	.02	3.70			.03		.05
250.	18.12	35.58	25.70	4.35	81.0	1.02	.36	4.87	.02	4.89	0.00	.03	.01	1.	.18

CROISIERE: RCO84C
STATION : 72
POSITION :20.19 S 167.06 E

DATE: 21 5 84
HEURE: 4 26

AIR= 230 215 VENT=135/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.18	35.29	23.22				0.00	.03	0.00	.03	.19	.08	.24	30.	.64
20.	26.22	35.41	23.29				0.00	.02	0.00	.02	.16	.05	.18	24.	.11
40.	26.15	35.49	23.38				0.00	.02	0.00	.02	.14	.11	.20	44.	.08
60.	25.51	35.66	23.70				.02	0.00	0.00	0.00	.35	.22	.46	39.	.28
70.	24.36	35.69	24.08				.05	.02	.03	.05	.48	.33	.66	41.	.19
80.	23.27	35.70	24.41				.09	.10	.19	.37	.44	.31	.61	41.	.05
90.	22.81	35.70	24.54				.13	1.03	.09	1.12	.21	.31	.38	60.	.05
100.	22.04	35.68	24.74				.17	1.68	.06	1.94	.12	.19	.22	61.	.04
125.	21.57	35.70	24.89				.23	2.78	.04	2.82	.06	.09	.12	60.	.03
150.	21.23	35.68	24.97				.21	2.75	.04	2.79	.06	.09	.11	68.	.08
200.	19.95	35.65	25.29				.26	3.47	.03	3.50	.02	.04	.04	67.	.03
250.	18.49	35.59	25.62				.36	4.98	.02	5.00	0.00	.04	.02	1.	.04

CROISIERE: RCO84C
STATION : 73
POSITION :20.29 S 167.01 E

DATE: 21 5 84
HEURE: 6 28

AIR= 243 212 VENT=140/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.16	35.37	23.28				0.00	.02	.01	.03	.20	.07	.24	26.	.11
20.	26.16	35.38	23.29				0.00	.02	.01	.03	.24	.04	.26	14.	.32
40.	26.17	35.39	23.30				0.00	.05	.01	.06	.21	.08	.25	28.	.05
60.	25.84	35.56	23.53				.02	.04	.02	.06	.30	.32	.47	52.	.07
70.	25.07	35.64	23.82				.06	.16	.09	.25	.44	.26	.58	37.	.07
80.	24.13	35.66	24.12				.06	.30	.12	.42	.39	.28	.54	42.	.20
90.	22.92	35.67	24.48				.16	1.47	.22	1.69	.28	.38	.48	58.	.16
100.	22.64	35.69	24.58				.19	1.90	.18	1.98	.26	.38	.46	59.	.23
125.	21.86	35.69	24.80				.23	2.61	.06	2.67	.14	.22	.26	61.	.27
150.	21.36	35.69	24.94				.23	2.75	.04	2.79	.07	.09	.12	56.	.15
200.	19.83	35.66	25.33				.32	3.95	.03	3.98	.02	.04	.04	67.	.57
250.							.39	5.16	.03	5.19	.01	.06	.04	86.	.08

CROISIERE: RCD84C
STATION : 74
POSITION :20.46 S 166.53 E

DATE: 21 5 84
HEURE: 9 0

- 151 -

AIR= 226 20 VENT=140/10 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	26.07	35.50	23.41				0.00	.04	.61	.05	.19	.08	.23	30.	.09
20.	26.06	35.51	23.42				.01	.04	.61	.05	.16	.12	.22	43.	.24
40.	25.85	35.56	23.52				.01	.04	.61	.05	.29	.14	.37	33.	.13
60.	24.90	35.61	23.65				.66	.25	.15	.40	.48	.42	.71	47.	.28
70.	24.18	35.68	24.12				.08	.23	.19	.42	.56	.38	.71	43.	.37
80.	23.46	35.71	24.36				.10	.26	.24	.50	.44	.41	.66	48.	.29
90.	23.22	35.71	24.43				.14	.66	.21	.81	.17	.62	.56	78.	.24
100.	22.68	35.71	24.53				.16	1.18	.12	1.30	.15	.38	.35	72.	.15
125.	22.18	35.69	24.71				.21	2.02	.09	2.11	.13	.26	.26	67.	.21
150.	20.90	35.68	25.06				.27	2.71	.05	2.76	.05	.18	.15	78.	.33
200.	19.44	35.65	25.42				.34	4.06	.03	4.11	.01	.03	.63	75.	.16
250.	17.99	35.55	25.71				.46	5.54	.03	5.57	0.00	.04	.03	1.	.36

CROISIERE: RCD84C
STATION : 75
POSITION :20.50 S 166.47 E

DATE: 21 5 84
HEURE: 11 0

AIR= 2339999 VENT=140/14 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.99	35.48	23.42				0.00	.03	.01	.04	.14	.08	.16	36.	.07
20.	25.98	35.48	23.42				0.00	.02	.01	.03	.14	.05	.17	26.	.01
40.	25.98	35.48	23.42				.01	.05	.02	.07	.17	.06	.20	26.	.04
60.	25.71	35.56	23.57				.07	.03	.01	.04	.25	.13	.32	34.	.61
70.	24.20	35.67	24.11				.09	.37	.22	.59	.35	.35	.53	56.	.04
80.	23.63	35.69	24.29				.12	.65	.24	.89	.26	.36	.45	55.	.63
90.	23.04	35.70	24.47				.14	1.18	.13	1.31	.21	.28	.36	57.	.01
100.	22.29	35.70	24.69				.18	1.82	.09	1.96	.13	.23	.25	64.	.01
125.	21.28	35.69	24.96				.24	2.74	.05	2.79	.05	.12	.12	71.	.01
150.	20.55	35.67	25.14				.27	3.15	.04	3.19	.02	.08	.06	80.	.01
200.	18.71	35.62	25.59				.36	4.62	.03	4.65	0.00	.03	.02	1.	.01
250.	17.71	35.51	25.75				.44	5.77	.03	5.80	0.00	.02	.01	1.	.01

CROISIERE: RCD84C
STATION : 76
POSITION :21.01 S 166.40 E

DATE: 21 5 84
HEURE: 13 9

AIR= 2459999 VENT=135/ 8 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.88	35.46	23.44				.01	.08	.01	.09	.14	.06	.17	30.	.28
20.	25.88	35.47	23.45				.01	.03	0.00	.03	.11	.09	.16	45.	.08
40.	25.87	35.48	23.46				.03	.08	.01	.09	.14	.06	.17	30.	.52
60.	25.39	35.60	23.70				.02	.08	.01	.09	.30	.22	.42	42.	.14
70.	24.77	35.63	23.91				.04	.08	.04	.12	.32	.33	.50	60.	.17
80.	23.53	35.69	24.32				.09	.37	.23	.60	.44	.20	.54	31.	.33
90.	23.09	35.70	24.46				.09	.65	.29	.94	.21	.31	.38	60.	.42
100.	22.69	35.71	24.58				.12	1.13	.14	1.27	.19	.28	.34	60.	.15
125.	21.32	35.70	24.96				.19	2.76	.04	2.82	.06	.11	.13	65.	.07
150.	20.56	35.68	25.15				.23	3.28	.03	3.31	.01	.07	.05	87.	.06
200.	19.24	35.65	25.47				.30	4.34	.03	4.37	0.00	.05	.03	1.	.06
250.	17.72	35.56	25.79				.41	5.75	.02	5.77	0.00	.03	.02	1.	.31

CROISIÈRE: RC084C
STATION : 77
POSITION : 21.11 S 166.33 E

DATE: 21 5 84
HEURE: 15 12

- 152 -

AIR= 246 213 VENT=135/ 8 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	25.61	35.54	23.58				0.00	0.00	0.00	0.00	.16	.09	.20	36.	.03
20.	25.62	35.55	23.59				.01	.03	0.00	.03	.13	.13	.20	50.	.07
40.	25.63	35.56	23.59				0.00	.02	.01	.03	.16	.10	.22	38.	.09
60.	25.45	35.67	23.73				.03	.02	.01	.03	.35	.14	.42	29.	.03
70.	24.83	35.71	23.95				.06	.04	.01	.05	.48	.27	.63	36.	.11
80.	24.52	35.70	24.04				.06	.06	.03	.09	.55	.33	.73	37.	.09
90.	23.68	35.70	24.31				.10	.31	.14	.45	.44	.26	.54	31.	.16
100.	22.63	35.71	24.60				.18	1.00	.14	1.14	.21	.28	.36	57.	.03
125.	21.03	35.70	25.04				.23	2.32	.04	2.36	.06	.16	.15	73.	.15
150.	20.42	35.69	25.19				.31	2.95	.03	2.98	.02	.07	.06	78.	.12
200.	19.07	35.63	25.50				.40	4.49	.02	4.51	0.00	.03	.02	1.	.15
250.	17.83	35.57	25.77				.54	5.45	.03	5.48	0.00	.04	.02	1.	.07

CROISIÈRE: RC084C
STATION : 1008
POSITION : 20.52 S 166.47 E

DATE: 12 5 84
HEURE: 4 29

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AIR= 260 251 VENT= 90/ 2 FOND= 9999 NP= 10

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUX	ZPHA	NH4
0.	0.00	.19	0.00	.19	.27	0.00	.52	1.000		.230	5.68	333.	.26	1303.	0.	.09
20.	0.00	.34	.01	.35	.59	0.00	.64	.140	2.21	.207	7.07	222.	.28		0.	.12
40.	0.00	.15	.01	.16	.37	0.00	.37	.056	.68	.193	3.72	481.	.36		0.	.19
60.	0.00	.17	.01	.18	.50	.00	.41	.022	.75	.274	6.72	148.	.54		14.	.09
70.	.07	.26	.19	.45	.44	.20	.43	.014	.19	.132	6.57	111.	.54		31.	
80.	.07	.27	.32	.59	.39	.23	.57	.009	.18	.149		37.	.51		37.	.11
100.	.12	1.08	.18	1.26	.30	.19	.27	.003	.18	.064	5.47	140.	.40		39.	
120.	.19	2.29	.05	2.34	.09	.08	.24	.001	(.75)	.200	2.90	74.	.14		47.	.11
150.	.24	3.00	.04	3.04	.07	.06	.31	0.000	(.70)	.182	.56	111.	.16		46.	.08
200.	.32	4.09	.02	4.11	.01	0.00	.37	0.000	(.64)	.112	.40	74.	.01		0.	.09

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CROISIÈRE: RC084C
STATION : 1016
POSITION : 20.52 S 166.46 E

DATE: 13 5 84
HEURE: 4 26

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AIR= 250 9999 VENT= 80/ 2 FOND= 9999 NP= 10

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUX	ZPHA	NH4
0.	0.00	.11	0.00	.11	.17	.10	.71	1.000	.90	.291	6.73	148.	.22	1436.	37.	.05
20.	0.00	.53	.01	.59	.20	.09	.97	.140	.13	.220	7.32	487.	.25		31.	.09
40.	0.00	.78	.01	.79	.13	.13	.94	.056	.14	.175		370.	.20		56.	.09
50.	0.00	.46	.01	.47	.23	.01	.60	.034	4.24	.350	6.90	510.	.24		4.	.04
60.	0.00	.35	.01	.36	.29	.18	.66	.022	.52	.248	6.53	185.	.34		33.	.12
70.	0.00	.79	.03	.82	.35	.25	.40	.014	1.75	.277	4.10	259.	.48		42.	.08
90.	.08	.83	.26	1.09	.20	.32	.34	.005	.71	.209	5.37	222.	.37		62.	.11
120.	.17	2.54	.06	2.60	.00	.21	.25	.001	.51	.172	2.54	259.	.20		72.	.03
150.	.25	3.49	.03	3.52	.02	.07	.75	0.000		.200		74.	.06		78.	.01
200.	.34	4.75	.02	4.77	0.00	.04	.35	0.000	0.00	.155	3.86	111.	.02		1.	

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CROISIÈRE: RCO84C
STATION : 1024
POSITION : 20.51 S 166.46 E

DATE: 14 5 84
HEURE: 4 26

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- 153 -

AIR= 255 244 VENT=280/ 3 FOND= 9999 NP= 10

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUM	ZPHA	NHA
0.	0.00	.05	0.00	.05	.22	.05	.60	1.000	11.28	.272	5.15	185.	.24	1647.	19.	0.00
20.	0.00	.06	0.00	.06	.24	.07	.48	.170	10.40	.212	3.94	370.	.27		23.	.05
40.	0.00	.03	0.00	.03	.25	.08	1.62	.070	9.45	.234	5.94	259.	.36		24.	.01
50.	0.00	.05	0.00	.05	.27	.09	.58	.035	4.19	.224	5.62	111.	.34		24.	.03
60.	0.00	.02	.01	.03	.32	.14	.42	.020	3.95	.247	5.68	185.	.40		30.	.01
70.	.01	.04	.01	.05	.41	.24	.47	.012	3.35	.228	6.05	333.	.54		37.	.01
80.	.07	.24	.09	.33	.44	.30	.43	.007	1.94	.196	4.30	259.	.60		41.	.04
90.	.09	.49	.16	.65	.32	.31	.26	.004	.70	.133	1.92	111.	.48		49.	.04
120.	.21	2.20	.06	2.26	.07	.23	.33	.001	.20	.193	3.53	259.	.26		77.	0.00
200.	.32	3.93	.03	3.96	0.00	.04	.27	0.000	0.00	.174	2.45	148.	.02		1.	0.00

CROISIÈRE: RCO84C
STATION : 1032
POSITION : 20.40 S 166.34 E

DATE: 15 5 84
HEURE: 4 29

④

AIR= 254 245 VENT=210/ 6 FOND= 9999 NP= 10

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUM	ZPHA	NHA
0.	0.00	.09	0.00	.09	.22	.05	.79	1.000	7.01	.264	8.13	370.	.24	1738.	19.	.02
20.	0.00	.10	.01	.11	.19	.04	.96	.170	10.56	.271	13.44	333.	.21		17.	0.00
40.	0.00	.07	.01	.08	.21	.07	.43	.070		.263	3.50	148.	.25		25.	0.00
60.	.03	.07	.02	.09	.30	.19	.73	.020	7.05	.203	8.80	111.	.40		39.	0.00
70.	.06	.04	.04	.08	.59	.08	.47	.012	7.16	.186	6.29	296.	.64		12.	0.00
80.	.10	.27	.21	.48	.41	.41	.62	.007	3.99	.166	6.02	259.	.64		50.	0.00
100.	.14	.09	.17	1.06	.26	.38	.53	.002	1.19	.156	4.92	185.	.46		59.	0.00
120.	.19	1.73	.10	1.83	.16	.25	.77	.001	.27	.129	11.77	74.	.30		61.	0.00
150.	.24	2.49	.05	2.54	.06	.13	.50	.001	0.00	.168	7.63	111.	.13		68.	0.00
200.	.32	3.64	.03	3.67	.01	.04	.62	0.000	0.00	.159	7.17	37.	.03		80.	0.00

CROISIÈRE: RCO84C
STATION : 1041
POSITION : 20.41 S 166.54 E

DATE: 16 5 84
HEURE: 4 26

⑤

AIR= 239 212 VENT=135/ 6 FOND= 9999 NP= 10

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUM	ZPHA	NHA
0.	0.00	.02	0.00	.02	.20	.05	.41	1.000	4.86	.239	3.53	148.	.23	2147.	20.	.03
20.	0.00	.02	0.00	.02	.17	.05	.72	.170	9.69	.223	6.39	222.	.20		23.	.04
40.	0.00	.01	.01	.02	.13	.08	.42	.070	7.09	.131	5.50	777.	.17		38.	.05
50.	0.00	.04	.01	.05	.19	.09	.54	.035	5.44	.103	5.05	259.	.24		32.	.02
60.	0.00	.04	.01	.05	.22	.09	1.08	.020	2.91	.134	10.18	296.	.27		29.	.19
70.	.03	.03	.02	.05	.35	.22	.90	.012	4.36	.160	7.95	370.	.46		39.	.02
80.	.06	.26	.16	.42	.50	.23	.66	.007	3.63	.236	9.34	148.	.63		32.	.02
90.	.09	.56	.23	.79	.50	.23	.30	.004	2.38	.167	8.83	370.	.63		32.	.02
150.	.20	2.62	.05	2.67	.06	.14	.87	0.006		.128	8.93	74.	.14		76.	.03
200.	.26	3.60	.03	3.63	.01	.07	.68	0.000		.139	5.62	148.	.05		87.	.04

CROISIERE: RCO84C
STATION : 1047
POSITION :20.40 S 166.53 E

DATE: 18 5 84
HEURE: 4 22

⑥

- 154 -

AIR= 2559999 VENT=310/ 7 FOND= 9999 NP= 10

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	ITO	C14	PP	CP	COPE	CHLA	LUH	ZPHA	NH4
0.	0.00	.03	0.00	.03	.22	.10	1.41	1.000	6.15	.374	19.89	444.	.27	1489.	31.	.09
30.	0.00	.12	0.00	.12	.20	.10	1.04	.100	9.37	.201	13.96	111.	.25		33.	.04
50.	0.00	.05	0.00	.05	.24	.06	1.00	.035	4.19	.261	10.80	222.	.27		26.	.04
60.	0.00	.11	.01	.12	.26	.15	.65	.020	5.65	.228	8.28	222.	.34		37.	.04
70.	.10	.66	.21	.87	.30	.26	2.68	.012	2.87	.195	47.81	222.	.44		46.	.03
80.	.11	.83	.32	1.05	.26	.27	1.14	.007	2.82	.244	21.61	333.	.40		51.	.03
90.	.14	1.48	.13	1.61	.23	.22	.73	.004	.69	.190	8.19	37.	.35		49.	.03
100.	.15	1.55	.11	1.66	.19	.18	.64	.002	.41	.190	6.47		.28		49.	.05
150.	.23	2.86	.05	2.91	.05	.09	.18	.001		.184	29.77	37.	.10		64.	.01
200.	.32	4.33	.04	4.37	0.00	.04	1.31	0.000		.287	19.04	74.	.03		1.	.01

CROISIERE: RCO84C
STATION : 1055
POSITION :20.12 S 167.13 E

DATE: 19 5 84
HEURE: 4 28

⑦

AIR= 252 225 VENT=280/ 5 FOND= 9999 NP= 10

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	ITO	C14	PP	CP	COPE	*CHLA	LUH	ZPHA	NH4
0.	0.00	.03	0.00	.03	.19	.11	1.29	1.000	11.64	.244	14.14	370.	.24	1994.	37.	.03
20.	0.00	.08	.01	.07	.17	.06	1.05	.170	13.14	.255	9.07	296.	.23		24.	.04
40.	0.00	.07	.01	.08	.18	.11	1.22	.070	11.97	.207	12.79	74.	.24		38.	.04
50.	0.00	.02	.01	.03	.22	.11	1.65		8.97	.218	16.00	370.	.28		33.	.01
60.	0.00	.04	.01	.05	.26	.08	1.11	.020	5.71	.218	9.08	370.	.31		24.	0.00
70.	0.00	.11	.01	.12	.24	.07	.99	.012	2.31	.180	9.72	165.	.29		27.	.01
80.	.02	.04	.01	.05	.29	.15	.81	.007	1.82	.228	3.50	111.	.37		34.	.01
90.	.07	.12	.14	.26	.28	.38		.004	1.16	.207		222.	.40		58.	.03
120.	.19	1.92	.09	2.01	.09	.21	.56	.001	.36	.218	6.70	111.	.21		76.	0.00
150.	.22	2.56	.05	2.61	.06	.10	1.00	0.000	0.00	.239	9.09	111.	.12		62.	0.00

CROISIERE: RCO84C
STATION : 1064
POSITION :20.16 S 167.12 E

DATE: 20 5 84
HEURE: 4 21

⑧

AIR= 251 230 VENT=360/ 7 FOND= 9999 NP= 10

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	ITO	C14	PP	CP	COPE	CHLA	LUH	ZPHA	NH4
0.	0.00	.05	.01	.06	.22	.11	1.34	1.000	14.44	.254	14.05	370.	.27	1616.	33.	.01
20.	0.00	.10	.01	.11	.22	.09	1.16	.170	12.10	.242	8.65	222.	.26		29.	.05
40.	0.00	.04	.01	.05	.25	.13	.66	.070	10.67	.258	5.54	333.	.32		34.	.03
60.	.45	.04	.01	.05	.25	.12	.84	.020	4.54	.206	7.12	222.	.31		32.	.16
70.	.08	.03	.02	.05	.35	.18	.60	.012	2.56	.244	7.68	296.	.44		34.	.01
80.	.08	.10	.07	.17	.41	.32	.55	.007	2.54	.206	4.15	74.	.59		44.	.07
90.	.10	.26	.19	.45	.30	.26	.45	.004	1.65	.221	4.29	74.	.44		46.	.05
100.	.13	.86	.11	.97	.21	.28	.43	.002	1.95	.166	3.11	74.	.36		57.	.18
120.	.19	2.10	.06	2.16	.06	.21	.81	.001	.65	.154	10.31	37.	.18		78.	.16
200.	.28	3.35	.04	3.39	.01	.06	.87	0.000	.95	.232	7.48	37.	.04		86.	.03

Nº station	Prof.	N Total	P Total	Nº station	Prof.	N Total	P Total
1008	0	3.66	0.20	1016	0	3.04	0.20
	20	4.73	0.22		20	4.30	0.23
	40	3.28	0.25		40	3.05	0.20
	60	4.60	0.24		50	4.17	0.19
	70	3.41	0.25		60	3.39	0.24
	80	3.17	0.28		70	3.39	0.23
	100	4.78	0.36		90	3.10	0.28
	120	5.62	0.39		120	5.00	0.39
	150	6.83	0.45		150	6.26	0.43
	200	7.07	0.48		200	7.37	0.52
1024	0	2.20	0.23	1032	0	3.14	0.18
	20	2.71	0.23		20	3.22	0.20
	40	2.19	0.22		40	3.04	0.20
	50	3.31	0.26		60	3.77	0.23
	60	2.21	0.24		70	4.74	0.31
	70	2.07	0.23		80	2.97	0.26
	80	2.51	0.28		100	3.33	0.31
	90	2.97	0.31		120	4.61	0.35
	120	4.50	0.39		150	4.74	0.37
	200	6.24	0.54		200	6.41	0.48
1041	0	2.25	0.16	1047	0	3.86	0.18
	20	3.67	0.20		30	2.99	0.20
	40	3.60	0.24		50	3.18	0.21
	50	2.13	0.18		60	3.58	0.23
	60	2.70	0.20		70	3.34	0.28
	70	2.15	0.21		80	3.57	0.29
	80	2.95	0.25		90	4.33	0.35
	90	2.74	0.28		100	4.17	0.35
	150	5.03	0.38		150	5.68	0.40
	200	6.07	0.49		200	6.45	0.48
1055	0	2.66	0.22	1064	0	2.83	0.22
	20	2.61	0.24		20	2.81	0.25
	40	2.72	0.24		40	2.59	0.23
	50	3.18	0.24		60	2.10	0.26
	60	2.92	0.21		70	2.85	0.31
	70	3.39	0.24		80	3.11	0.35
	80	2.49	0.24		90	3.15	0.36
	90	2.61	0.29		100	3.60	0.35
	120	4.75	0.36		120	4.40	0.40
	150	4.75	0.39		200	5.31	0.53

PREFIL 10

(RCO 84 F)

du 30 Août au 9 Septembre 1984

Description de la croisière

- 85 stations sonde STD.
- 9 stations sonde avec prélèvements Rosette (1 à 9)
sur transect dans le chenal Ouvéa-Lifou 0/250 m.
- 2 points fixes : M_{10} et Zs_{10} de 4 et 3 jours.

Zs_{10} : st. 10 à 55 + 1017 - 1027 - 1037 - 1047.

M_{10} : st. 56 à 85 + 1056 - 1066 - 1076.

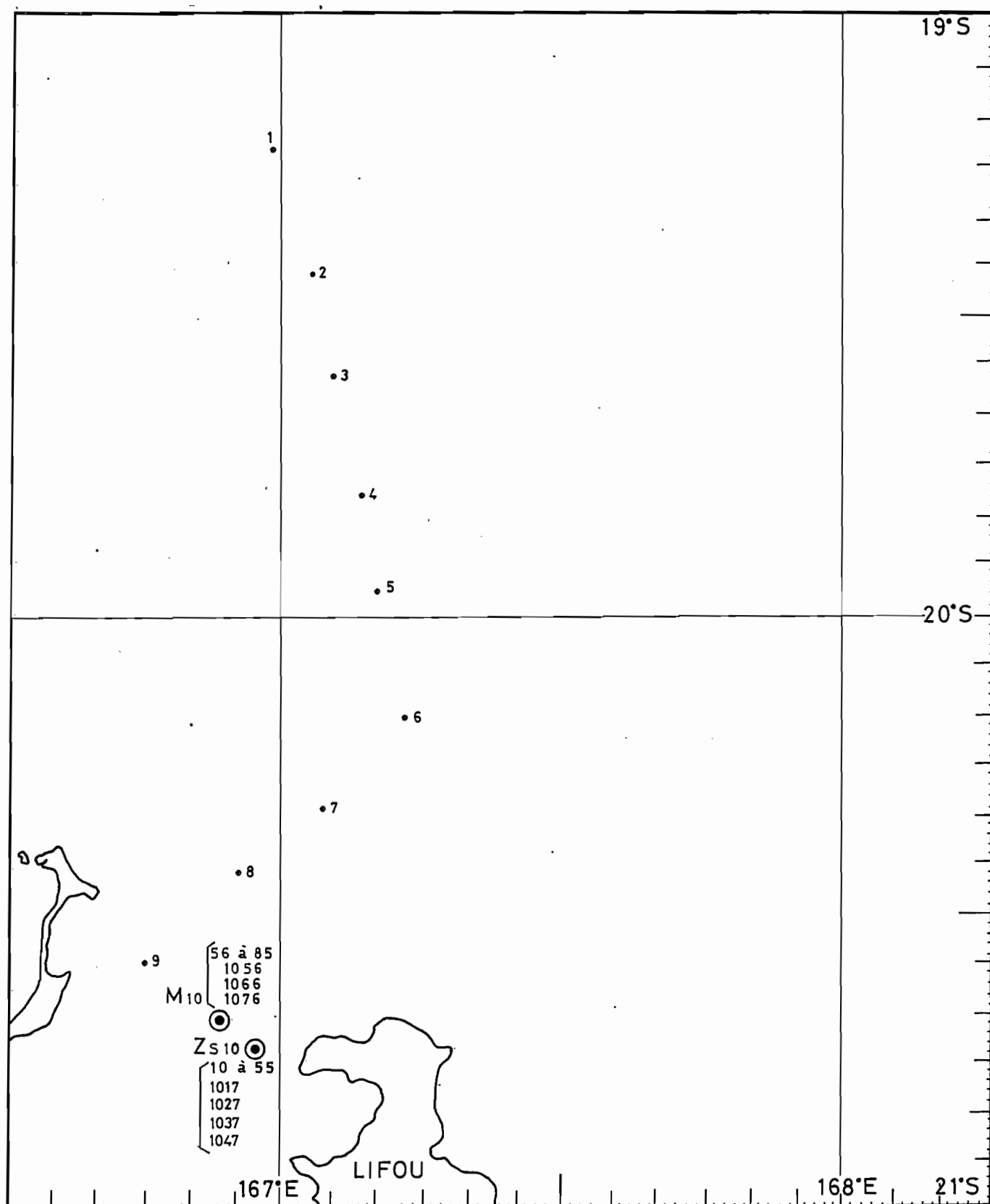
Remarques :

- Préfiltration sur 50 μ .

CHN - Chl a - P_p : sur filtres GF/F (P_p et CHN : 1,5 l.).

- ATP : Millipore V filtré : 1 l.

PREFIL 10



CROISIERE: RC084F
STATION : 1
POSITION :19.13 S 166.59 E

DATE: 31 8 84
HEURE: 13 30

- 158 -

AIR= 229 176 VENT=230/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Chla	PHA	CHLA	ZPHA	NH4
0.	24.45	35.12	23.62				.03	.02	.01	.03	.11	.15	.20	58	
20.	24.45	35.12	23.62				.03	.11	.01	.12	.11	.07	.15	39.	
40.	24.45	35.13	23.63												
60.	24.57	35.43	23.82				.04	.17	.01	.18	.20	.07	.25	35.	
80.	24.30	35.80	24.18				.10	.16	.04	.20	.47	.30	.64	39.	
90.	23.93	35.84	24.32				.10	.28	.10	.38	.35	.32	.54	48.	
100.	23.14	35.78	24.50				.15	1.24	.08	1.32	.25	.22	.37	47.	
115.	22.84	35.85	24.64				.23	2.61	.06	2.67	.14	.18	.24	56.	
125.	22.72	35.87	24.69				.31	3.50	.05	3.55	.09	.18	.19	67.	
150.	22.12	35.84	24.84				.34	3.87	.04	3.91	.04	.06	.08	60.	
200.	19.87	35.65	25.31				.37	4.80	.03	4.83	.01	.04	.03	80.	
250.	18.54	35.57	25.59				.43	5.11	.03	5.14	0.00	.03	.02	99.	

CROISIERE: RC084F
STATION : 2
POSITION :19.26 S 167.03 E

DATE: 31 8 84
HEURE: 16 0

AIR= 218 172 VENT=200/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Chla	PHA	CHLA	ZPHA	NH4
0.	24.49	35.03	23.54				0.00	.02	.01	.03	.11	.04	.13	27.	.08
30.	24.52	35.10	23.58				.01	.62	.01	.03	.13	.05	.16	28.	.18
60.	24.30	35.19	23.72												
70.	24.26	35.30	23.81				.02	.05	.01	.06	.23	.04	.26	15.	.10
80.	24.66	35.68	23.98				.04	.03	.01	.04	.24	.08	.28	25.	.18
90.	24.32	35.75	24.13				.07	.01	.01	.02	.32	.15	.41	32.	.06
100.	23.82	35.83	24.34				.12	.73	.13	.86	.37	.31	.55	46.	.13
110.	23.58	35.87	24.44				.19	1.63	.13	1.76	.26	.27	.42	51.	.07
125.	22.89	35.79	24.58				.21	2.28	.08	2.36	.19	.17	.29	47.	.09
150.	21.94	35.77	24.84				.24	2.91	.05	2.96	.07	.10	.12	59.	.15
200.	20.45	35.69	25.19				.35	4.47	.05	4.52	.02	.04	.04	67.	.26
250.	18.81	35.57	25.52				.41	5.27	.03	5.30	0.00	.02	.01	1.	.07

CROISIERE: RC084F
STATION : 3
POSITION :19.36 S 167.05 E

DATE: 31 8 84
HEURE: 18 0

AIR= 218 169 VENT=220/ 7 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Chla	PHA	CHLA	ZPHA	NH4
0.	24.40	35.07	23.60				0.00	.02	.01	.03	.16	.03	.17	16.	.08
25.	24.10	35.22	23.80				.01	.05	.01	.06	.11	.05	.14	31.	.38
50.	23.90	35.32	23.93				.02	.03	.01	.04	.12	.04	.14	25.	.18
70.	23.88	35.35	23.96				.01		.01		.21	.05	.24	19.	.01
80.	23.98	35.44	24.02				.02	0.00	.02	.02	.25	.06	.28	19.	.23
90.	23.82	35.61	24.18				.02	.01	.02	.03	.22	.16	.31	42.	.02
100.	23.67	35.78	24.35				.10	.69	.07	.76	.39	.20	.50	34.	.10
110.	23.41	35.80	24.44				.12	1.13	.09	1.22	.12	.05	.62	89.	.25
125.	22.59	35.76	24.65				.15	1.42	.08	1.50	.18	.31	.37	63.	.09
150.	21.88	35.74	24.83				.20	2.73	.03	2.76	.04	.12	.11	75.	.14
200.	20.27	35.68	25.23				.28	4.06	.02	4.08	.02	.02	.03	50.	.13
250.	18.89	35.59	25.52				.30	4.36	.01	4.37	.01	.02	.02	67.	.09

CROISIERE: RC084F
STATION : 4
POSITION :19.48 S 167.08 E

DATE: 31 8 84
HEURE: 20 25

- 159 -

AIR= 222 178 VENT=230/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.06	35.15	23.76				.01	.02	.01	.03	.11	0.00	.10	0.	.03
30.	24.13	35.24	23.80				.02	.02	.01	.03	.12	.01	.13	1.	.08
60.	24.11	35.42	23.95				.02	.10	.01	.11	.14	.01	.14	1.	.06
70.	24.07	35.54	24.05				.03	.08	.01	.09	.15	.03	.16	17.	.02
80.	23.91	35.62	24.16				.04	.04	.01	.05	.18	.03	.19	14.	.20
90.	23.83	35.70	24.24				.07	.07	.02	.09	.23	.12	.30	34.	.06
100.	23.60	35.77	24.36				.10	.73	.09	.82	.34	.23	.47	48.	.06
110.	23.31	35.78	24.45				.14	1.17	.09	1.26	.19	.30	.36	61.	.16
120.	22.94	35.78	24.56				.19	2.01	.07	2.08	.18	.13	.26	42.	.02
150.	21.86	35.75	24.85				.25	3.21	.04	3.25	.08	.06	.12	43.	.03
200.	20.25	35.68	25.23				.33	4.35	.02	4.37	.01	0.00	.01	0.	.16
250.	18.39	35.56	25.62				.40	5.32	.03	5.35	0.00	.02	.01	0.	.10

CROISIERE: RC084F
STATION : 5
POSITION :19.58 S 167.10 E

DATE: 31 8 84
HEURE: 22 18

AIR= 224 166 VENT=230/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.01	35.21	23.82				0.00	.06	0.00	.06	.11	.04	.13	27.	.07
30.	24.03	35.26	23.85								.10	.03	.12	23.	
60.	23.90	35.52	24.08				0.00	.02	0.00	.02	.17	.06	.21	26.	.02
70.	23.80	35.57	24.15				0.00	.05	0.00	.05	.20	.06	.23	23.	0.00
80.	23.78	35.67	24.23				0.00	.05	0.00	.05	.22	.11	.28	33.	0.00
90.	23.51	35.72	24.35				.01	.04	.02	.06	.32	.31	.50	49.	0.00
100.	23.27	35.74	24.44				.06	.48	.11	.59	.31	.30	.49	49.	0.00
110.	23.01	35.76	24.53				.08	.98	.12	1.10	.27	.28	.43	51.	0.00
120.	22.69	35.76	24.62				.11	1.42	.08	1.50	.21	.22	.33	51.	0.00
150.	21.51	35.70	24.90				.14	2.30	.03	2.33	.08	.11	.14	61.	0.00
200.	19.91	35.65	25.30				.28	4.36	.01	4.37	.01	.02	.02	67.	0.00
250.	18.75	35.59	25.55				.30	4.57	.01	4.58	.01	.02	.01	67.	0.00

CROISIERE: RC084F
STATION : 6
POSITION :20.10 S 167.13 E

DATE: 1 9 84
HEURE: 0 25

AIR= 216 168 VENT=220/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.88	35.32	23.94				.01	.02	.01	.03	.08	.03	.10	27.	0.00
25.	23.90	35.34	23.95				.02	.02	.01	.03	.11	.06	.14	35.	.07
50.	23.88	35.56	24.12				.03	.04	.02	.06	.16	.04	.18	20.	.07
70.	23.75	35.69	24.26				.06	.04	.02	.06	.28	.16	.38	36.	.13
80.	23.45	35.75	24.39				.10	.91	.13	1.04	.25	.32	.44	56.	.20
90.	22.89	35.77	24.57				.13	1.64	.07	1.71	.20	.23	.34	53.	.09
100.	22.33	35.76	24.72				.15	2.04	.08	2.12	.16	.19	.27	54.	.08
110.	21.84	35.75	24.85				.18	2.54	.05	2.59	.08	.13	.16	62.	.06
130.	21.65	35.78	24.93				.22	3.28	.05	3.33	.08	.05	.11	38.	.02
150.	21.02	35.72	25.05				.22	2.82	.03	2.85	.03	.04	.06	57.	.03
200.	19.77	35.66	25.34				.25	3.48	.06	3.46	.01	.06	.04	86.	.13
250.	18.20	35.55	25.66				.34	5.13	.03	5.16	.01	.02	.02	67.	.28

CROISIERE: RC084F
STATION : 7
POSITION :20.19 S 167.04 E

DATE: 1 9 84
HEURE: 2 40

- 160 -

AIR= 212 172 VENT=220/ 7 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.87	35.34	23.96				.02	.02	.01	.03	.11	.04	.14	27.	.08
25.	23.88	35.35	23.96				.02	.02	.01	.03	.12	.03	.14	28.	.03
50.	23.89	35.35	23.96				.02	.02	.01	.03	.12	.06	.15	33.	.08
70.	23.98	35.45	24.01				.04	.02	.01	.03	.18	.06	.22	25.	.09
80.	23.86	35.71	24.24				.06	.05	.02	.07	.23	.13	.31	36.	.03
90.	23.61	35.76	24.35				.08	.33	.10	.43	.38	.24	.52	39.	.06
100.	23.14	35.77	24.58				.11	1.08	.10	1.18	.25	.22	.38	39.	.03
110.	22.71	35.77	24.62				.14	1.65	.09	1.74	.21	.24	.35	53.	.09
120.	22.23	35.75	24.74				.16	1.67	.06	1.93	.19	.14	.27	39.	.07
150.	21.64	35.73	24.89				.19	2.40	.04	2.44	.09	.09	.14	50.	.02
200.	20.16	35.67	25.25				.24	3.49	.04	3.53	.03	.02	.04	40.	.15
250.	18.84	35.59	25.53				.32	4.62	.03	4.65	.01	.01	.02	50.	.02

CROISIERE: RC084F
STATION : 8
POSITION :20.26 S 166.55 E

DATE: 1 9 84
HEURE: 4 45

AIR= 209 169 VENT=220/ 6 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.94	35.25	23.87				.02	.05	.01	.06	.11	.05	.13	31.	0.00
25.	23.96	35.26	23.87				.01	.08	.01	.09	.12	.03	.14	20.	.07
50.	23.98	35.28	23.88				.02	.05	.01	.06	.11	.03	.13	21.	.07
70.	24.13	35.68	24.08				.02	.09	.03	.12	.31	.14	.39	31.	.07
80.	23.89	35.70	24.22				.09	.38	.09	.47	.45	.06	.48	12.	.31
90.	23.52	35.71	24.34				.10	1.31	.09	1.40	.25	.20	.36	44.	.08
100.	23.14	35.75	24.48				.14	1.64	.08	1.72	.23	.16	.33	41.	.13
110.	22.74	35.74	24.59				.17	1.71	.06	1.77	.14	.18	.25	56.	.03
120.	22.40	35.75	24.69				.18	1.91	.06	1.97	.12	.13	.20	52.	.07
150.	21.61	35.72	24.89				.19	2.66	.05	2.71	.06	.07	.10	54.	.16
200.	20.36	35.67	25.19				.22	3.44	.04	3.48	.04	0.08	.04	0.	.01
250.	19.11	35.61	25.48				.25	3.76	.03	3.79	.01	.01	.01	0.	.09

CROISIERE: RC084F
STATION : 9
POSITION :20.35 S 166.45 E

DATE: 1 9 84
HEURE: 7 0

AIR= 211 164 VENT=220/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	P04	N03	N02	N023	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.90	35.24	23.87				0.00	.02	0.00	.02	.12	.04	.14	25.	.02
30.	23.92	35.26	23.88				0.00	.02	0.00	.02	.12	.06	.15	33.	.02
60.	23.93	35.27	23.89				.01	.03	0.00	.03	.12	.07	.16	37.	.02
70.	23.94	35.28	23.89				.02	.03	0.00	.03	.14	.03	.16	18.	.24
80.	24.17	35.49	23.98				.03	.05	.01	.06	.24	.13	.32	35.	.05
90.	23.90	35.62	24.16				.07	.44	.18	.62	.25	.23	.38	48.	.02
100.	23.45	35.71	24.36				.10	1.04	.10	1.10	.22	.25	.36	53.	.03
110.	23.12	35.75	24.49				.13	1.71	.07	1.78	.15	.20	.26	57.	0.00
120.	22.73	35.75	24.60				.15	1.66	.06	1.92	.12	.18	.22	60.	0.00
150.	22.24	35.73	24.72				.19	2.47	.03	2.58	.08	.10	.13	56.	.07
200.	20.91	35.68	25.05				.22	3.18	.02	3.20	.02	.04	.04	67.	.03
250.	19.32	35.63	25.44				.25	3.90	.02	3.92	0.00	.02	.02	0.	.10

CROISIERE: RCOBAF
STATION : 10
POSITION :20.44 S 166.57 E

DATE: 1 9 84
HEURE: 12 22

- 161 -

AIR= 228 172 VENT=190/ 2 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NHA
0.	24.08	35.34	23.90				0.00	.05	.01	.06	.18	.05	.20	22.	
30.	23.91	35.33	23.94				0.00	.18	.01	.11	.18	.09	.23	33.	.10
60.	23.90	35.35	23.96				.01	.11	.01	.12	.20	.13	.28	39.	
70.	23.94	35.39	23.97				.02	.08	.02	.10	.39	.30	.56	43.	.08
80.	23.88	35.57	24.13				.06	.24	.08	.32	.39	.29	.56	43.	
90.	23.85	35.74	24.27				.09	.44	.13	.57	.35	.31	.53	47.	.16
100.	23.47	35.73	24.37				.12	.89	.12	1.81	.29	.26	.44	47.	.07
110.	22.97	35.74	24.52				.15	1.83	.07	1.90	.20	.22	.32	52.	.09
120.	22.51	35.74	24.65				.19	2.43	.04	2.47	.11	.13	.19	54.	0.00
150.	21.56	35.73	24.91				.24	3.35	.03	3.38	.04	.09	.09	69.	.02
200.	20.11	35.67	25.26				.26	3.76	.02	3.78	0.00	.05	.03	8.	.08
250.	19.29	35.64	25.45				.30	4.23	.03	4.26	0.00	.03	.02	8.	.06

CROISIERE: RCOBAF
STATION : 11
POSITION :20.43 S 166.57 E

DATE: 1 9 84
HEURE: 14 0

AIR= 220 170 VENT=280/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NHA
0.	24.14	35.29	23.84				.01	.02	0.00	.02					.44
30.	23.91	35.30	23.92				.02	.02	0.00	.02					.09
60.	23.90	35.34	23.95				.02	.02	0.00	.02	.23	.03	.25	12.	.44
70.	24.12	35.53	24.03				.03	.02	.01	.03					.40
80.	23.97	35.58	24.11				.04	.06	.03	.09					.07
90.	23.86	35.68	24.22				.05	.29	.07	.36	.50	.30	.67	37.	.07
100.	23.27	35.74	24.44				.09	.82	.11	.93					.17
110.	22.90	35.74	24.54				.14	1.71	.07	1.78					.03
120.	22.37	35.74	24.69				.18	2.32	.05	2.37	.13	.14	.22	52.	.15
150.	21.70	35.74	24.88				.23	3.09	.03	3.12					.14
200.	19.92	35.65	25.30				.26	3.84	.02	3.86					.19
250.	18.91	35.60	25.52				.30	4.68	.03	4.71	0.00	.04	.03	8.	.04

CROISIERE: RCOBAF
STATION : 12
POSITION :20.43 S 166.57 E

DATE: 1 9 84
HEURE: 16 0

AIR= 219 169 VENT=180/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NHA
0.	24.03	35.32	23.89				0.00	.03	0.00	.03	.12	.08	.17	48.	.10
30.	23.90	35.31	23.93				0.00	.02	0.00	.02					.03
60.	23.88	35.33	23.95				0.00	.03	0.00	.03	.22	.06	.25	21.	.09
70.	23.92	35.36	23.96				.01	.03	0.00	.03					.18
80.	24.13	35.67	24.13				.03	.05	.01	.06					.21
90.	24.02	35.68	24.17				.06	.24	.09	.33	.42	.32	.61	43.	.15
100.	23.40	35.71	24.37				.11	1.62	.07	1.69					.16
110.	22.73	35.76	24.61				.15	2.18	.05	2.23					.10
120.	22.26	35.74	24.73				.18	2.64	.04	2.64					.12
150.	21.64	35.73	24.89				.22	3.07	.03	3.10					.09
200.	20.32	35.67	25.21				.25	3.67	.02	3.69					.14
250.	18.73	35.58	25.55				.31	4.75	.02	4.77					.06

CROISIÈRE: RCG84F
STATION : 13
POSITION :20.44 S 166.56 E

DATE: 1 9 84
HEURE: 19 0

- 162 -

AIR= 218 172 VENT=140/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.62	35.29	23.93				.03	0.06	.01	0.00					.05
30.	23.89	35.32	23.94				.63	.04	.01	.05					.05
60.	23.90	35.36	23.96				.02	.01	.01	.02					0.00
70.	23.89	35.51	24.08				.03	.01	.01	.02					.18
80.	23.94	35.68	24.19				.07	.16	.07	.23	.41	.29	.58	41.	.05
90.	23.68	35.74	24.32				.10	.91	.13	1.04					.02
100.	23.18	35.73	24.45				.09	1.16	.11	1.27					.07
110.	22.64	35.74	24.62				.15	2.09	.06	2.15					.05
120.	22.30	35.73	24.71				.19	2.55	.05	2.60					.01
150.	21.54	35.74	24.93				.23	3.10	.04	3.14					.63
200.	19.71	35.63	25.34				.26	3.88	.04	3.92					0.00
250.	18.41	35.55	25.61				.34	5.06	.04	5.10					0.00

CROISIÈRE: RCG84F
STATION : 14
POSITION :20.44 S 166.58 E

DATE: 1 9 84
HEURE: 21 39

AIR= 217 172 VENT=130/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.94	35.29	23.91				.01	.02	.01	.03					.17
30.	23.91	35.33	23.94				.01	.02	.01	.03					.20
60.	24.03	35.61	24.11				.04	.04	.02	.06					.29
70.	23.77	35.70	24.26				.07	.25	.09	.34	.41	.28	.57	41.	.12
80.	23.71	35.73	24.30				.09	.44	.13	.57					.05
90.	23.43	35.75	24.40				.11	.65	.13	.78					.02
100.	23.01	35.75	24.52				.15	1.56	.08	1.64					.24
110.	22.61	35.76	24.64				.20	2.23	.05	2.28					.01
120.	22.45	35.76	24.69				.22	2.43	.05	2.48					.02
150.	21.63	35.72	24.89				.25	3.08	.04	3.12					.10
200.	19.89	35.65	25.30				.29	3.87	.03	3.90					.06
250.	18.56	35.57	25.59				.34	4.84	.03	4.87					.03

CROISIÈRE: RCG84F
STATION : 15
POSITION :20.43 S 166.57 E

DATE: 2 9 84
HEURE: 0 10

AIR= 217 172 VENT=130/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.94	35.34	23.94				.01	.01	0.00	.01					.23
30.	23.88	35.33	23.95				.02	.06	.01	.07					.02
60.	24.09	35.54	24.04				.03	.05	.01	.06					.01
70.	23.85	35.67	24.21				.07	.34	.10	.44	.35	.44	.60	56.	.07
80.	23.63	35.72	24.32				.08	.60	.12	.72					.06
90.	23.52	35.74	24.36				.11	.92	.11	1.03					.01
100.	23.11	35.71	24.46				.15	1.63	.07	1.70					0.00
110.	22.77	35.74	24.58				.18	2.16	.06	2.22					0.00
120.	22.36	35.75	24.70				.20	2.58	.04	2.62					.01
150.	21.27	35.71	24.98				.25	3.25	.03	3.28					.01
200.	20.04	35.66	25.27				.28	3.72	.02	3.74					.02
250.	18.99	35.61	25.51				.30	4.64	.03	4.67					

CROISIERE: RCO84F
STATION : 16
POSITION :20.43 S 166.58 E

DATE: 2 9 84
HEURE: 2 0

- 163 -

AIR= 210 176 VENT=120/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.86	35.31	23.94				.01	.02	0.00	.02					.06
30.	23.89	35.33	23.94				.01	.04	.01	.05					.13
60.	23.91	35.35	23.95				.02	.02	.01	.03					0.00
70.	24.09	35.50	24.01				.02	.03	0.00	.03					.03
80.	23.72	35.62	24.21				.07	.30	.06	.36	.36	.40	.60	53.	.10
90.	23.56	35.67	24.30				.08	.59	.09	.68					.01
100.	23.21	35.71	24.43				.11	.99	.10	1.09					.05
110.	23.08	35.74	24.49				.14	1.42	.08	1.50					.03
120.	22.82	35.76	24.58				.19	1.95	.05	2.00					.03
150.	22.01	35.74	24.60				.24	2.93	.03	2.96					.02
200.	20.19	35.66	25.23				.28	3.69	.02	3.71					.02
250.	18.91	35.61	25.53				.33	4.60	.01	4.61					.03

CROISIERE: RCO84F
STATION : 17
POSITION :20.43 S 166.56 E

DATE: 2 9 84
HEURE: 4 30

AIR= 211 176 VENT=130/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.85	35.29	23.93	4.97	103.1	-.15	.01	.02	0.00	.02					.07
30.	23.86	35.31	23.94	4.97	103.1	-.15	.01	.03	0.00	.03					0.00
60.	23.88	35.33	23.95	4.91	101.9	-.09	.02	.12	0.00	.12					.05
70.	23.96	35.39	23.97	4.86	101.1	-.05	.02	.03	0.00	.03					.02
80.	24.03	35.52	24.05	4.76	99.2	.04	.04	.12	.02	.14	.43	.26	.58	38.	.06
90.	23.73	35.63	24.22	4.67	96.8	.15	.07	.45	.08	.53					.18
100.	23.49	35.69	24.33	4.58	94.6	.26	.08	.67	.09	.76					.08
110.	23.09	35.72	24.47	4.43	90.8	.45	.11	1.20	.09	1.29					.08
120.	22.83	35.76	24.58	4.31	88.0	.59	.14	1.85	.06	1.91					.06
150.	21.67	35.73	24.88	4.18	83.4	.83	.21	3.13	.03	3.16					.03
200.	20.05	35.66	25.27	4.21	81.5	.96	.24	3.69	.01	3.70					.09
250.	18.92	35.58	25.50	4.29	81.2	1.00	.29	4.60	.01	4.61					.08

CROISIERE: RCO84F
STATION : 18
POSITION :20.42 S 166.56 E

DATE: 2 9 84
HEURE: 7 35

AIR= 213 177 VENT=120/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.86	35.30	23.93				.01	.03	0.00	.03					.03
30.	23.89	35.33	23.94				.01	.05	.01	.06					.02
60.	23.90	35.45	24.03				.02	.06	.02	.08					.01
70.	23.76	35.61	24.19				.04	.33	.07	.40	.39	.27	.55	41.	.03
80.	23.56	35.67	24.30				.07	.48	.08	.56					.03
90.	23.37	35.70	24.38				.09	.81	.10	.91					.05
100.	23.20	35.72	24.44				.11	1.11	.10	1.21					.06
110.	22.94	35.74	24.53				.13	1.55	.09	1.63					.03
120.	22.75	35.75	24.59				.15	1.94	.06	2.00					.05
150.	22.09	35.73	24.77				.20	2.58	.04	2.62					.02
200.	20.53	35.67	25.15				.23	3.42	.02	3.44					.06
250.	19.06	35.60	25.48				.29	4.50	.03	4.53					.05

CROISIERE: RC084F
STATION : 19
POSITION :20.43 S 166.57 E

DATE: 2 9 84
HEURE: 9 50

- 164 -

AIR= 213 177 VENT=120/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.88	35.30	23.92				0.00	.04	.01	.05					.18
30.	23.86	35.32	23.95				0.00	.03	0.00	.03					.09
60.	23.76	35.60	24.19				.02	.17	.04	.21	.46	.30	.64	43.	.25
70.	23.65	35.65	24.26				.06	0.00	.10	.07					.43
80.	23.45	35.71	24.36				.08	.96	.10	1.06					.01
90.	23.41	35.76	24.41				.11	1.46	.00	1.54					0.00
100.	23.16	35.76	24.48				.13	1.76	.07	1.77					.03
110.	22.96	35.76	24.54				.13	1.84	.07	1.91					.01
120.	22.85	35.76	24.57				.19	2.80	.04	2.84					.02
150.	22.10	35.74	24.77				.22	3.60	.03	3.63					0.00
200.	20.42	35.66	25.17				.25	4.29	.02	4.31					0.00
250.	19.23	35.61	25.45												

CROISIERE: RC084F
STATION : 26
POSITION :20.43 S 166.57 E

DATE: 2 9 84
HEURE: 12 5

AIR= 227 182 VENT= 80/ 1 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.94	35.31	23.91				.01	.02	.01	.03					.05
30.	23.86	35.32	23.95				.02	.04	.01	.05					.02
60.	23.90	35.41	24.00				.04	.04	.01	.05					.05
70.	24.01	35.53	24.06				.09	.04	.02	.06					.26
80.	23.75	35.62	24.20				.11	.40	.08	.48	.43	.26	.58	38.	.06
90.	23.34	35.72	24.40				.12	.97	.10	1.07					.07
100.	23.13	35.76	24.49				.14	1.57	.07	1.64					.08
110.	22.85	35.76	24.57				.15	1.93	.05	1.98					.03
120.	22.47	35.75	24.67				.22	2.36	.04	2.40					.05
150.	21.48	35.78	24.97				.25	3.26	.03	3.29					.07
200.	20.21	35.65	25.22				.23	3.74	.03	3.77					0.00
250.	19.23	35.61	25.45				.24	4.22	.02	4.24					0.00

CROISIERE: RC084F
STATION : 22
POSITION :20.43 S 166.56 E

DATE: 2 9 84
HEURE: 16 0

AIR= 220 180 VENT= 70/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.69	35.30	23.86	5.13	106.9	-.33	0.00	.06	0.00	.06	.12	.04	.14	25.	.08
30.	23.86	35.31	23.94	5.25	108.9	-.43	.01	.08	0.00	.08	.13	.08	.17	38.	
60.	23.82	35.34	23.97	5.13	106.4	-.31	.01	.06	0.00	.06	.40	.15	.49	27.	.29
70.	23.92	35.41	24.00	5.04	104.7	-.23	.02	.08	.01	.09	.32	.23	.46	42.	.05
80.	23.99	35.52	24.06	5.01	104.3	-.21	.02	.07	.01	.08	.46	.29	.63	39.	.08
90.	23.87	35.58	24.14	4.95	102.9	-.14	.03	.10	.02	.12	.49	.33	.68	40.	.03
100.	23.53	35.67	24.31	4.76	98.4	.08	.07	.63	.08	.71	.34	.30	.52	47.	.07
110.	23.11	35.74	24.48	4.57	93.7	.31	.09	1.27	.08	1.35	.31	.26	.46	46.	.04
120.	22.94	35.76	24.55	4.44	90.8	.45	.13	1.74	.06	1.80	.19	.27	.54	59.	.04
150.	21.80	35.74	24.85	4.40	68.1	.60	.16	2.94	.03	2.97	.06	.06	.11	57.	.09
200.	20.17	35.66	25.24	4.46	86.5	.70	.22	3.61	.02	3.63	.02	.03	.03	60.	.03
250.	19.01	35.62	25.51	4.55	66.3	.73	.25	4.25	.02	4.27	0.00	.63	.02	0.	.13

CROISIERE: RC064F
STATION : 27
POSITION :26.43 S 166.57 E

DATE: 3 9 84
HEURE: 4 30

- 165 -

AIR= 286 188 VENT= 26/ 2 FOND= 9999 NP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.82	35.30	23.94	4.94	102.4	-12	0.00	.05	.01	.06						0.00
30.	23.83	35.32	23.95	4.94	102.4	-12	0.00	.03	0.00	.03						.09
50.	23.84	35.33	23.96	4.94	102.5	-12	0.00	.01	0.00	.01						.08
60.	23.85	35.33	23.96	4.94	102.5	-12	0.00	.03	0.00	.03						.19
70.	23.85	35.34	23.96	4.88	101.2	-06	0.00	.02	.01	.03						.19
80.	23.98	35.59	24.11	4.72	98.3	.08	.03	.11	.03	.14	.49	.27	.65	36.		.04
90.	23.58	35.67	24.29	4.58	94.7	.25	.05	.61	.07	.68						.14
100.	23.28	35.72	24.42	4.42	90.9	.44	.09	1.30	.09	1.39						.05
110.	22.99	35.74	24.52	4.35	89.0	.54	.13	1.69	.07	1.76						.12
120.	22.66	35.75	24.62	4.32	87.9	.60	.15	2.07	.05	2.12						.22
150.	22.10	35.74	24.77	4.17	83.9	.80	.21	2.88	.03	2.91						.12
200.	20.67	35.66	25.10	4.22	82.6	.89	.23	3.80	.03	3.83						.04

CROISIERE: RC084F
STATION : 30
POSITION :20.43 S 166.57 E

DATE: 3 9 84
HEURE: 11 30

AIR=99999999 VENT=113/11 FOND= 9999 NP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.98	35.32	23.91						.03	.01	.04					
30.	23.87	35.32	23.94						.03	.01	.04					
50.	23.98	35.41	24.00					0.00	0.00	0.00						
60.	23.94	35.46	24.03					.01	.01	.02						
70.	23.93	35.51	24.07					.03	.01	.04						
80.	23.79	35.63	24.20					.05	.01	.06	.44	.19	.55	36.		
90.	23.43	35.78	24.36					.76	.88	.84						
100.	22.07	35.75	24.56					1.67	.06	1.73						
110.	22.82	35.76	24.58					1.97	.05	2.02						
120.	22.68	35.76	24.64					2.28	.04	2.32						
150.	21.95	35.74	24.81					2.77	.03	2.80						
200.	20.06	35.65	25.26					4.07	.02	4.09						

CROISIERE: RC084F
STATION : 32
POSITION :20.42 S 166.57 E

DATE: 3 9 84
HEURE: 16 5

AIR= 2279999 VENT=120/ 3 FOND= 9999 NP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.92	35.30	23.91	4.93	102.4	-12	.01	.03	0.00	.03	.11	.06	.15	35.		.14
30.	23.88	35.32	23.94	4.93	102.3	-11	.01	.08	0.00	.08	.05	.11	.12	69.		.08
50.	23.90	35.38	23.98	4.93	102.4	-12	.01	.21	.01	.22	.20	.09	.25	31.		.08
60.	23.93	35.45	24.02	4.94	102.7	-13	.01	.04	.01	.05	.24	.11	.31	31.		.15
70.	23.95	35.47	24.03	4.95	103.0	-14	.01	.08	.01	.09	.29	.11	.35	27.		.31
80.	23.89	35.52	24.09	4.91	102.1	-10	.01	.02	.01	.03	.33	.23	.46	41.		.28
90.	23.88	35.60	24.15	4.85	100.8	-04	.02	.07	.01	.08	.35	.20	.47	36.		.63
100.	23.77	35.66	24.23	4.77	99.0	.05	.03	.14	.03	.17	.22	.51	.52	78.		.03
110.	23.29	35.70	24.40	4.45	91.6	.41	.08	1.09	.09	1.18	.28	.28	.44	51.		.04
120.	22.88	35.74	24.57	4.33	88.3	.57	.12	1.90	.07	1.97	.14	.23	.28	62.		.36
150.	21.74	35.74	24.87	4.16	83.2	.84	.17	3.05	.03	3.08	.17	.06	.20	26.		.28
200.	20.27	35.66	25.21	4.24	82.4	.91	.21	3.68	.03	3.71	.02	.05	.05	71.		.11

CROISIERE: RCO84F
STATION : 37
POSITION :20.43 S 166.56 E

DATE: 4 9 84
HEURE: 4 30

- 166 -

AIR= 220 219 VENT=100/ 3 FOND= 9999 NP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.83	35.35	23.98	4.94	102.5	-.12	0.00	.10	.01	.11						.08
30.	23.84	35.36	23.98	4.97	103.1	-.15	.01	.05	.01	.06						
50.	23.84	35.37	23.99	5.00	103.7	-.18	0.00	.05	.01	.06						.08
60.	23.85	35.37	23.99	5.01	104.0	-.19	0.00	.04	.01	.05						.04
70.	23.85	35.38	23.99	4.95	102.7	-.13	.01	.10	.01	.11						
80.	23.86	35.41	24.01	4.91	101.9	-.09	0.00	.02	.01	.03						.09
90.	23.89	35.45	24.03	4.88	101.4	-.07	0.00	.04	.01	.05						
100.	23.92	35.62	24.15	4.75	98.8	.06	.02	.07	.02	.09	.33	.26	.48	44.		.04
110.	23.46	35.71	24.36	4.48	92.5	.36	.06	.81	.39	.96						.04
120.	23.22	35.70	24.42	4.43	91.0	.44	.08	1.17	.09	1.26						
150.	22.13	35.74	24.76	4.30	86.6	.67	.13	2.15	.05	2.20						.08
200.	20.65	35.67	25.12	4.21	82.4	.90	.18	3.50	.04	3.54						.04

CROISIERE: RCO84F
STATION : 40
POSITION :20.42 S 166.56 E

DATE: 4 9 84
HEURE: 11 20

AIR= 2349999 VENT=125/ 4 FOND= 9999 NP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.88	35.34	23.95						.08	.01	.09					
30.	23.88	35.37	23.98						.11	.01	.12					
50.	23.85	35.37	23.99						.08	0.00	.08					
60.	23.84	35.37	23.99						.06	0.00	.06					
70.	23.87	35.40	24.00						.15	.01	.16					
80.	23.84	35.55	24.12						.17	.02	.19					
90.	23.78	35.65	24.24						.22	.03	.25					
100.	23.60	35.69	24.30						.22	.04	.26	.45	.28	.61	38.	
110.	23.47	35.71	24.35						.65	.08	.73					
120.	22.69	35.70	24.57						1.15	.09	1.24					
150.	21.56	35.71	24.90						2.85	.03	2.88					
200.	20.20	35.66	25.23						4.20	.02	4.22					

CROISIERE: RCO84F
STATION : 42
POSITION :20.43 S 166.57 E

DATE: 4 9 84
HEURE: 16 0

AIR= 2259999 VENT=110/ 7 FOND= 9999 NP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.84	35.34	23.97	4.98	103.3	-.16	0.00	.05	.01	.06	.11	.09	.16	45.		.12
30.	23.85	35.35	23.97	4.99	103.5	-.17	0.00	.03	.01	.04	.16	.03	.17	16.		
50.	23.85	35.35	23.97	5.01	104.0	-.19	0.00	.03	.01	.04	.15	.05	.18	25.		.03
60.	23.86	35.36	23.98	5.03	104.4	-.21	0.00	.03	.01	.04	.15	.05	.18	25.		.07
70.	23.85	35.39	24.00	5.06	105.0	-.24	0.00	.09	.01	.10	.15	.04	.17	21.		.53
80.	23.84	35.53	24.11	4.99	103.6	-.17	0.00	.09	.01	.10	.39	.34	.59	47.		.31
90.	23.77	35.61	24.19	5.00	103.7	-.18	0.00	.16	.03	.19	.37	.28	.53	43.		.46
100.	23.66	35.68	24.28	4.61	95.5	.22	.02	.29	.06	.35	.29	.26	.44	47.		.14
110.	23.51	35.72	24.35	4.45	91.9	.39	.03	.63	.09	.72						.32
120.	23.34	35.74	24.42	4.37	90.0	.48	.06	1.00	.10	1.10						.43
150.	22.13	35.74	24.76	4.14	83.4	.83	.10	2.46	.04	2.50						.36
200.	20.46	35.66	25.16	4.13	80.5	1.00	.16	3.56	.03	3.59						.24

CROISIERE: RCO84F
STATION : 47
POSITION :20.43 S 166.56 E

DATE: 5 9 84
HEURE: 4 30

- 167 -

AIR= 2139999 VENT=110/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.81	35.34	23.97	4.91	101.8	-.09	0.00	.04	.01	.05					.13
30.	23.82	35.35	23.98	4.92	102.0	-.10	0.00	.03	.01	.04					.02
50.	23.83	35.36	23.98	4.90	101.6	-.08	0.00	.03	.01	.04					.02
60.	23.84	35.37	23.99	4.92	102.1	-.10	0.00	.07	.01	.10					.07
70.	23.86	35.45	24.04	4.87	101.1	-.05	.01	.06	.01	.07					.10
80.	23.87	35.53	24.10	4.82	100.2	-.01	.01	.03	.01	.04					.05
90.	23.82	35.60	24.17	4.76	98.9	.06	.02	.10	.03	.13	.34	.26	.49	43.	.06
100.	23.76	35.64	24.22	4.76	93.8	.06	.01	.08	.02	.10					.04
110.	23.69	35.67	24.26	4.67	96.8	.15	.03	.33	.03	.36					.04
120.	23.52	35.70	24.33	4.66	95.1	.24	.04	.53	.08	.61					.10
150.	22.66	35.75	24.62	4.24	86.2	.68	.13	2.07	.07	2.14					
200.	20.36	35.67	25.19	4.19	81.6	.95	.21	3.70	.04	3.74					.10

CROISIERE: RCO84F
STATION : 50
POSITION :20.43 S 166.57 E

DATE: 5 9 84
HEURE: 11 39

AIR= 2299999 VENT= 90/ 7 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.81	35.25	23.91					.02	.01	.03					
30.	23.84	35.37	23.99					.03	.01	.04					
50.	23.86	35.40	24.01					.02	.01	.03					
60.	23.84	35.46	24.06					.02	.01	.03					
70.	23.84	35.52	24.10					0.00	.01	.01					
80.	23.74	35.62	24.21					.09	.03	.12					
90.	23.71	35.65	24.24					.14	.05	.19	.44	.28	.60	39.	
100.	23.57	35.69	24.31					.31	.08	.39					
110.	23.31	35.73	24.42					1.48	.12	1.60					
120.	22.77	35.74	24.58					2.06	.10	2.16					
150.	21.75	35.72	24.85					2.82	.08	2.90					
200.	20.50	35.67	25.16					3.54	.07	3.61					

CROISIERE: RCO84F
STATION : 52
POSITION :20.43 S 166.57 E

DATE: 5 9 84
HEURE: 16 0

AIR= 231 227 VENT= 90/ 5 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.87	35.23	23.87	4.96	102.9	-.14	0.00	.01	0.00	.01					.13
30.	23.87	35.27	23.90	4.96	102.9	-.14	0.00	.01	0.00	.01					.13
50.	23.83	35.33	23.96	4.94	102.4	-.12	0.00	.01	0.00	.01					
60.	23.83	35.35	23.98	4.96	102.9	-.14	0.00	.03	.01	.04					.12
70.	23.84	35.38	24.00	4.96	102.9	-.14	0.00	.01	.01	.02					.04
80.	23.85	35.42	24.02	4.94	102.5	-.12	0.00	.01	.01	.02					.07
90.	23.86	35.46	24.05	4.92	102.2	-.10	0.00	.04	.01	.05	.44	.28	.60	39.	.07
100.	23.84	35.51	24.09	4.92	102.2	-.10	0.00	.05	.02	.07					.07
110.	23.54	35.69	24.32	4.70	97.2	.14	.01	.28	.05	.33					.17
120.	23.83	35.72	24.26	4.54	94.4	.27	.03	.54	.10	.64					.06
150.	22.67	35.75	24.62												
200.	20.20	35.65	25.22	4.20	81.5	.95	.14	3.73	.05	3.78					.19

CROISIERE: RCD84F
STATION : 56
POSITION :20.41 S 166.53 E

DATE: 6 9 84
HEURE: 4 40

- 168 -

AIR= 2219999 VENT=110/ 4 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.01	35.20	23.81	4.98	103.5	-.17	0.00	.03	0.00	.03					.04
30.	24.03	35.20	23.80	5.01	104.2	-.20	0.00	.03	0.00	.03					
50.	24.01	35.33	23.91	4.99	103.8	-.18	0.00	.03	0.00	.03					0.00
60.	23.97	35.38	23.96	4.99	103.8	-.18	0.00	.05	.01	.06					.55
70.	23.92	35.41	24.00	4.96	103.1	-.15	.01	.03	.01	.04					.26
80.	23.93	35.46	24.03	4.83	100.4	-.02	.02	.03	.01	.04					.46
90.	23.86	35.64	24.19	4.74	98.5	.07	.04	.02	.02	.04					.06
100.	23.64	35.68	24.28	4.60	95.3	.23	.66	.40	.09	.49	.31	.34	.51	52.	.10
110.	23.38	35.72	24.39	4.52	93.2	.33	.07	.46	.09	.55					.02
120.	23.33	35.73	24.41	4.35	89.6	.51	.13	1.53	.14	1.67					.01
150.	22.59	35.75	24.64	4.20	85.3	.72	.20	3.16	.06	3.22					.02
200.	20.79	35.68	25.09	4.21	82.6	.89	.23	3.28	.66	3.34					.01

CROISIERE: RCD84F
STATION : 59
POSITION :20.41 S 166.54 E

DATE: 6 9 84
HEURE: 11 15

AIR=999999999 VENT=444/44 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.04	35.24	23.83					.02	.01	.03					
20.	24.04	35.25	23.84					.04	.01	.05					
40.	24.03	35.32	23.89					.02	.01	.03					
60.	23.94	35.43	24.00					.04	.01	.05					
80.	23.91	35.56	24.11					.04	.01	.05					
90.	23.79	35.65	24.22					.10	.01	.11					
100.	23.35	35.70	24.38					.13	.03	.16	.51	.31	.49	50.	
110.	22.79	35.75	24.58					1.32	.15	1.47					
120.	22.63	35.75	24.63					1.68	.13	1.81					
130.	22.48	35.74	24.66					1.75	.09	1.84					
150.	21.92	35.72	24.81					2.36	.07	2.43					
200.	20.11	35.66	25.25					3.60	.03	3.63					

CROISIERE: RCD84F
STATION : 61
POSITION :20.40 S 166.53 E

DATE: 6 9 84
HEURE: 15 50

AIR= 2359999 VENT= 50/ 7 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAO	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.03	35.28	23.86	4.93	102.6	-.12	0.00	.02	.01	.03	.07	.04	.09	36.	.17
20.	23.99	35.27	23.87	4.92	102.3	-.11	0.00	.02	.01	.03	.12	.03	.14	20.	.26
40.	23.87	35.29	23.92	4.93	102.3	-.11	0.00	.05	.01	.06	.14	.04	.16	22.	.04
60.	23.87	35.32	23.94	4.93	102.3	-.11	0.00	.04	.02	.06	.16	.06	.19	27.	
80.	23.90	35.46	24.04	4.93	102.5	-.12	0.00	.13	.01	.14	.21	.12	.28	36.	.05
90.	23.89	35.50	24.07	4.90	101.8	-.09	0.00	.02	.01	.03	.16	.24	.30	60.	
100.	23.89	35.56	24.12	4.87	101.2	-.06	0.00	.09	.02	.11	.28	.11	.34	28.	.16
110.	23.84	35.60	24.16	4.84	100.6	-.03	0.00	.69	.01	.70	.27	.20	.39	43.	.23
120.	23.42	35.74	24.39	4.55	93.9	.30	.04	.24	.08	.32	.33	.31	.51	48.	.05
130.	22.77	35.80	24.57	4.34	88.8	.55	.11	1.47	.11	1.58	.19	.30	.37	61.	.05
150.	22.28	35.75	24.73	4.25	85.8	.70	.13	2.06	.07	2.13	.12	.22	.25	65.	.17
200.	20.38	35.60	25.20	4.18	81.4	.96	.20	3.47	.04	3.53	.01	.05	.04	83.	.04

CROISIERE: RC084F
STATION : 66
POSITION :20.40 N 166.53 E

DATE: 7 9 84
HEURE: 4 30

- 169 -

AIR= 2189999 VENT=220/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.90	35.25	23.88	5.04	104.6	-.22	0.00	.02	0.00	.02					.03
20.	23.92	35.29	23.90	5.03	104.5	-.22	0.00	0.00	0.00	0.00					.03
40.	23.91	35.31	23.92	4.99	103.6	-.17	0.00	.02	0.00	.02					.18
60.	24.04	35.39	23.94	5.00	104.1	-.20	0.00	.04	.01	.05					.23
80.	23.95	35.49	24.05	4.98	103.6	-.17	0.00	.02	.01	.03					.09
90.	23.89	35.60	24.15	4.96	103.1	-.15	0.00	.01	.01	.02					.14
100.	23.73	35.62	24.21	4.93	102.2	-.11	0.00	.03	0.00	.03					.30
110.	23.62	35.65	24.27	4.88	101.0	-.05	0.00	.02	.01	.03					.20
120.	23.47	35.70	24.35	4.72	97.4	.12	.03	.18	.07	.25	.31	.30	.48	49.	.20
130.	23.19	35.75	24.47	4.63	95.1	.24	.08	.64	.20	.84					.11
150.	22.63	35.75	24.63	4.50	91.5	.42	.12	1.49	.14	1.63					.13
200.	20.70	35.69	25.12	4.32	84.6	.78	.20	3.11	.89	3.20					.13

CROISIERE: RC084F
STATION : 69
POSITION :20.41 S 166.53 E

DATE: 7 9 84
HEURE: 11 41

AIR= 2559999 VENT=200/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.23	35.24	23.77					.03	0.00	.03					
20.	23.85	35.28	23.92					.02	0.00	.02					
40.	23.85	35.30	23.93					.04	.01	.05					
60.	23.85	35.32	23.95					.03	0.00	.03					
80.	23.97	35.50	24.05					.03	0.00	.03					
90.	23.85	35.60	24.16					.02	0.00	.02					
100.	23.82	35.66	24.21					.05	.01	.06					
110.	23.54	35.73	24.35					.27	.07	.34	.33	.30	.51	48.	
120.	22.90	35.76	24.56					1.53	.17	1.70					
130.	22.36	35.74	24.70					1.81	.13	1.94					
150.	21.51	35.72	24.92					2.39	.12	2.51					
200.	20.14	35.67	25.25					3.35	.09	3.44					

CROISIERE: RC084F
STATION : 72
POSITION :20.41 S 166.53 E

DATE: 7 9 84
HEURE: 18 0

AIR= 2309999 VENT=110/ 3 FOND= 9999 NP= 12

PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.32	35.27	23.77	4.93	103.1	-.15	0.00	0.00	.01	.01	.09	.05	.12	36.	.29
20.	23.90	35.27	23.90												
40.	23.89	35.29	23.91	4.94	102.5	-.12	0.00	.03	0.00	.03	.08	.12	.15	60.	.58
60.	23.87	35.30	23.93	4.94	102.5	-.12	0.00	.03	0.00	.03	.17	.01	.20	5.	.07
80.	23.90	35.35	23.96	4.95	102.8	-.13	0.00	.03	0.00	.03	.14	.17	.24	55.	.53
90.	23.91	35.42	24.01	4.94	102.7	-.13	0.00	.02	0.00	.02	.24	.19	.35	44.	.54
100.	23.94	35.56	24.10	4.90	102.0	-.09	0.00	.01	0.00	.01	.29	.18	.40	41.	.36
110.	23.83	35.61	24.17	4.85	100.7	-.04	0.00	.01	0.00	.01	.30	.24	.44	44.	.56
120.	23.49	35.72	24.36	4.64	95.8	.20	.03	.10	.63	.13	.27	.28	.43	51.	.64
130.	23.08	35.74	24.49	4.49	92.6	.39	.07	.39	.11	.50	.29	.15	.37	34.	.34
150.	22.22	35.73	24.73	4.29	86.5	.67	.13	2.00	.07	2.07	.14	.15	.23	52.	.24
200.	20.47	35.66	25.16	4.22	82.3	.91	.20	3.33	.05	3.38	.01	.05	.04	83.	.10

CROISIERE: RCO84F
STATION : 76
POSITION :20.41 S 166.53 E

DATE: 8 9 84
HEURE: 4 30

- 170 -

AIR= 2219999 VENT=130/ 3 FOND= 9999 HP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	23.98	35.29	23.89	4.96	103.1	-15	0.00	.01	.01	.02						.03
20.	23.98	35.29	23.89	4.96	103.1	-15	0.00	.03	0.00	.03						.12
40.	23.90	35.30	23.92	4.96	103.0	-14	0.00	.01	.01	.02						.37
60.	23.91	35.32	23.93	4.97	103.2	-15	0.00	.01	.01	.02						.14
80.	23.91	35.37	23.97	4.98	103.5	-17	0.00	.01	.01	.02						.08
90.	23.91	35.45	24.03	4.95	102.9	-14	0.00	.01	.01	.02						.04
100.	23.94	35.57	24.11	4.89	101.0	-08	0.00	.01	.02	.03						.27
110.	23.76	35.68	24.25	4.75	98.6	.07	.02	.03	.03	.06						.08
120.	23.45	35.72	24.37	4.64	95.0	.21	.02	.06	.05	.11	.17	.19	.29	53.		.13
130.	22.94	35.76	24.55	4.41	90.2	.48	.09	.91	.21	1.12						.21
150.	22.34	35.74	24.70	4.28	86.5	.67	.13	1.78	.17	1.95						.01
200.	20.66	35.68	25.12	4.24	83.0	.87	.19	2.94	.13	3.07						.23

CROISIERE: RCO84F
STATION : 79
POSITION :20.41 S 166.53 E

DATE: 8 9 84
HEURE: 11 8

AIR=999999999 VENT=111/11 FOND= 9999 HP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.00	35.30	23.89						.02	.01	.03					
20.	23.92	35.30	23.91						.04	.01	.05					
40.	23.92	35.31	23.92						.03	.01	.04					
60.	23.92	35.33	23.93						.02	.02	.04					
80.	23.98	35.54	24.08						.06	.01	.07					
90.	23.89	35.62	24.16						.05	.01	.06					
100.	23.01	35.68	24.23						.09	.03	.12					
110.	23.62	35.73	24.33						.25	.08	.33	.32	.36	.52	53.	
120.	23.09	35.72	24.47						.86	.18	1.04					
130.	22.77	35.73	24.57						1.42	.17	1.59					
150.	22.09	35.74	24.77						2.02	.14	2.16					
200.	20.20	35.67	25.24						3.15	.14	3.29					

CROISIERE: RCO84F
STATION : 83
POSITION :20.41 S 166.53 E

DATE: 8 9 84
HEURE: 18 0

AIR= 2309999 VENT=100/ 4 FOND= 9999 HP= 12

	PR	TEMP	SAL	SIGT	O2	OZ	UAD	PO4	NO3	NO2	NO23	Ch1a	PHA	CHLA	ZPHA	NH4
0.	24.02	35.29	23.88	4.97	103.4	-16	0.00	.03	0.00	.03	.16	.06	.14	44.		.11
20.	23.75	35.27	23.88	5.00	103.9	-19	0.00	.03	0.00	.03	.13	.04	.16	24.		.06
40.	23.88	35.27	23.90	4.99	103.5	-17	0.00	.03	0.00	.03	.13	.05	.15	28.		.13
60.	23.87	35.28	23.91	5.01	103.9	-19	0.00	.05	.01	.06	.12	.04	.14	25.		.10
80.	23.87	35.29	23.92	5.02	104.2	-20	0.00	.02	.01	.03	.15	.07	.19	32.		.23
90.	23.96	35.39	23.97	4.96	103.1	-15	0.00	.02	.01	.03	.21	.15	.30	42.		.30
100.	23.96	35.54	24.08	4.94	102.8	-14	0.00	.07	.01	.08	.20	.22	.33	52.		.06
110.	23.71	35.62	24.22	4.84	100.3	-02	0.00	.07	.02	.11	.32	.30	.49	48.		.13
120.	23.71	35.74	24.31	4.60	95.4	.22	.03	.32	.10	.42	.35	.37	.57	51.		.07
130.	23.49	35.76	24.39	4.55	94.0	.29	.06	.44	.12	.56	.33	.31	.50	48.		.14
150.	22.64	35.73	24.61	4.34	88.2	.58	.13	1.85	.12	1.97	.18	.21	.30	54.		.07
200.	20.77	35.69	25.10	4.29	84.2	.81	.13	2.87	.10	2.99	.02	.06	.06	75.		

PREFIL 10

PRODUCTION

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CROISIÈRE: RCO84F
STATION : 1817
POSITION : 20.43 S 166.56 E

DATE: 2 9 84
HEURE: 4 30

- 171 -

AIR= 211 176 VENT=130/ 3 FOND= 9999 NP= 10

PR	PO4	NO3	NO2	NO23	Chla	Σ PHA chl	NP	II0	C14	PP	CP	COPE	CHLA	LUM	ZPHA	NH4
0.	.01	.02	0.00	.02	.15	.05	.85	1.000	2.39	.249	10.76	1185.	.17	2535.	25.	.10
20.	.01	.05	.01	.06	.13	2.8	.88	.225	4.79	.323	8.26	111.	.16		28.	.13
40.	.01	.07	.01	.08	.16	5.7	.65	.100	3.97	.300	10.33	259.	.19		24.	.08
60.	.02	.02	.01	.03	.23	9.6	.94	.038	3.97	.264	8.26	407.	.30		36.	.07
70.	.03	.07	.01	.08	.32	12.4	.89	.023	2.40	.249	12.95	185.	.41		33.	.07
80.	.04	.17	.03	.20	.45	16.2	.97	.013	1.22	.259	13.18	296.	.60		37.	.08
90.	.06	.32	.05	.37	.40	20.5	1.94	.007	.73	.323	20.36	259.	.62		48.	.05
100.	.09	.56	.09	.65	.34	24.5	.57	.004	.94	.244	8.72	148.	.54		50.	.07
120.	.12	1.61	.08	1.69	.22	29.7	.57	.002	.17	.293	8.72	111.	.37		54.	.08
200.	.21	3.57	.03	3.60	.01	34.2	.11	0.000	0.00	.254	16.64	37.	.05		86.	.13

CROISIÈRE: RCO84F
STATION : 1027
POSITION : 20.43 S 166.57 E

DATE: 3 9 84
HEURE: 4 30

AIR= 206 188 VENT= 20/ 2 FOND= 9999 NP= 10

PR	PO4	NO3	NO2	NO23	Chla	• PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUM	ZPHA	NH4
0.	.02	.07	.01	.08	.14	.06	.33	1.000	1.65	.234	3.46	741.	.17	1412.	30.	
20.	.03	.14	.02	.16	.15	.64	.42	.225	5.13	.293	7.53	222.	.18		21.	
40.	.03	.09	.01	.10	.13	.11	.49	.100	4.00	.260	9.70	222.	.19		46.	.05
60.	.03	.15	.01	.16	.25	.66	.43	.038	3.54	.228	4.31	259.	.29		19.	.03
70.	.03	.04	.01	.05	.28	.09	.34	.023	2.05	.198	2.09	111.	.33		24.	.03
80.	.06	.17	.05	.22	.50	.22	.41	.013	1.75	.221	3.94	222.	.62		31.	.04
90.	.07	.20	.05	.25	.38	.39	.37	.007	1.57	.270	3.33	148.	.60		51.	.12
100.	.09	.68	.08	.76	.35	.26	.19	.004	.36	.223	2.03	111.	.50		43.	.03
120.	.13	1.32	.11	1.43	.21	.21	.17	.002	.05	.208	2.18	185.	.33		50.	.08
200.	.24	3.43	.03	3.46	.04	.07	.36	0.000	.22	.193	4.71	222.	.08		64.	.12

CROISIÈRE: RCO84F
STATION : 1037
POSITION : 20.43 S 166.56 E

DATE: 4 9 84
HEURE: 4 30

AIR= 2209999 VENT=100/ 3 FOND= 9999 NP= 10

PR	PO4	NO3	NO2	NO23	Chla	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUM	ZPHA	NH4
0.	0.00	.02	0.00	.02	.17	.06	.34	1.000	3.60	.193	4.46	370.	.20	1553.	26.	.03
20.	0.00	.03	0.00	.03	.16	.06	.32	.225	5.42	.154	3.42	222.	.20		27.	.03
40.	0.00	.03	0.00	.03	.17	.07	.48	.100	5.51	.193	6.22	222.	.21		29.	.03
60.	.01	.03	0.00	.03	.19	.04	.44	.038	1.66	.198	5.11	111.	.21		12.	.03
80.	0.00	.05	.01	.06	.23	.18	.37	.013	.63	.162	4.15	74.	.33		44.	.04
90.	.02	.02	.01	.03	.29	.17	.41	.007	.71	.172	3.98	481.	.39		37.	.05
100.	.03	.12	.02	.14	.38	.23	.30	.004	.04	.200	2.82	111.	.51		38.	.08
120.	.07	.98	.09	1.07	.31	.25	.37	.002	.07	.118	3.44	185.	.46		45.	.05
150.	.13	1.98	.05	2.03	.13	.14	.15	.001	0.00	.108	2.20	37.	.21		52.	.16
200.	.18	3.24	.03	3.27	.03	.03	.17	0.000	.24	.141	2.32	37.	.08		73.	.03

CROISIÈRE: RC084F
STATION : 1047
POSITION : 20.43 S 166.56 E

DATE: 5 9 84
HEURE: 4 30

(4)

- 172 -

AIR= 2139999 VENT=110/ 4 FOND= 9999 NP= 10

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUM	ZPHA	NHA	^{14C} Ch1a
0.	.02		.01		.14	.04	.31	1.000	2.83	.159	3.51	852.	.16	1738.	22.		
20.	.04	.12	.02	.14	.13	.05	.54	.225	2.53	.213	5.71	259.	.16		28.		
40.	.03	.03	.01	.04	.14	.04	.52	.100	3.19	.172	6.38	556.	.16		22.	.04	
60.	.03	.09	.01	.10	.15	.05	.43	.038	1.82	.221	4.31	148.	.10		25.	.04	
80.	.06	.06	.01	.07	.34	.17	.29	.013	2.10	.185	3.76	259.	.44		33.	.37	
90.	.07	.05	.02	.07	.36	.17	.41	.007	1.16	.204	3.53	370.	.46		32.	.28	
100.	.08	.08	.02	.10	.33	.21	.46	.004	.61	.216	4.42	259.	.45		39.	.24	
110.	.11	.31	.07	.38	.33	.24	.24	.002	.14	.187	2.55	148.	.47		42.	.07	
120.	.20	1.62	.10	1.72	.26	.23	.28	.001	.08	.149	2.42	185.	.33		53.		
200.	.29	3.25	.04	3.29	.63	.06	.37	0.000	.09	.098	3.67	111.	.06		67.		

CROISIÈRE: RC084F
STATION : 1056
POSITION : 20.41 S 166.53 E

DATE: 6 9 84
HEURE: 4 40

(5)

AIR= 2219999 VENT=110/ 4 FOND= 9999 NP= 10

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUM	ZPHA	NHA
0.	0.00	.01	0.00	.01	.12	.05	.41	1.000	1.77	.685	4.10	296.	.15	1840.	29.	
20.	0.00	.02	0.00	.02	.13	.05	.38	.200	2.57	.069	3.29	111.	.16		28.	.01
40.	0.00	.03	.01	.04	.13	.04	.39	.085	2.92	.082	4.45	222.	.15		24.	.02
60.	0.00	.03	.01	.04	.15	.07	.48	.044	2.95	.072	4.26	74.	.19		32.	.02
80.	0.00	.04	.01	.05	.18	.05	.34	.619	1.46	.079	3.32	148.	.21		22.	.05
90.	0.00	.01	.01	.02	.22	.10	.53	.012	1.43	.079	3.16	259.	.28		31.	.02
100.	0.00	.01	.01	.02	.21	.23	.36	.007	1.02	.110	3.61	111.	.35		52.	.28
110.	.02	.03	.02	.05	.40	.34	.29	.005	.03	.085	2.37	74.	.60		46.	.19
120.	.05	.43	.10	.53	.33	.33	.28	.003	.79	.091	3.82	74.	.52		50.	.05
200.	.18	3.09	.04	3.13	.05	.05	.19	0.000	0.00	.082	1.91	0.	.08		50.	.02

CROISIÈRE: RC084F
STATION : 1066
POSITION : 20.41 S 166.53 E

DATE: 7 9 84
HEURE: 4 30

(6)

AIR= 2189999 VENT=220/ 3 FOND= 9999 NP= 10

PR	PO4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUM	ZPHA	NHA
0.	0.00	.03	0.00	.03	.14	.05	.29	1.000	2.59	.098	2.87	481.	.17	2728.	26.	.11
20.	0.00	.05	.01	.06	.16	.07	.64	.200	3.30	.098	5.19	37.	.20		30.	.31
40.	0.00	.04	.01	.05	.16	.05	.28	.085	4.03	.113	3.32	185.	.19		24.	.28
60.	0.00	.05	.01	.06	.18	.07	.37	.044	3.34	.139	3.04	259.	.22		28.	.16
80.	0.00	.02	.01	.03	.20	.12	.26	.019	2.56	.110	2.60	148.	.27		37.	.04
100.	0.00	.04	.01	.05	.21	.34	.63	.007	1.16	.095	5.29	74.	.41		62.	.13
110.	0.00	.04	.01	.05	.31	.18	.45	.005	.73	.148	4.24	111.	.41		37.	.16
120.	.02	.04	.02	.06	.29	.29	.35	.063	.46	.217	2.86	111.	.46		58.	.18
150.	.11	1.43	.11	1.54	.23	.24	.34	.001	.24	.098	3.66	74.	.37		51.	.08
200.	.19	2.70	.08	2.78	.01	.04	.26	0.000	.34	.079	3.45	6.	.04		80.	.16

CROISIERE: RC084F
STATION : 1076
POSITION : 20.41 S 166.53 E

DATE: 8 9 84
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(7)

- 173 -

AIR= 2219999 VENT=130/ 3 FOND= 9999 NP= 10

PR	PD4	NO3	NO2	NO23	Ch1a	PHA	NP	II0	C14	PP	CP	COPE	CHLA	LUM	ZPHA	NH4	^{14C} Ch1a
0.	0.00	.03	0.00	.03	.14	.09	.37	1.000	1.59	.091	3.23	481.	.19	2381.	39.	0.00	11.4
20.	0.00	.03	0.00	.03	.15	.05	.30	.200	2.34	.098	2.98	185.	.18		25.	.02	15.6
40.	0.00	.07	.01	.08	.11	.06	.35	.085	2.24	.120	5.55	148.	.14		35.	.02	20.4
60.	0.00	.03	0.00	.03	.14	.07	.28	.044	2.03	.110	2.63	222.	.18		33.	.28	14.5
80.	0.00	.03	0.00	.03	.14	.06	.36	.019	1.83	.091	3.76	111.	.18		30.	.05	7.4
100.	0.00	.02	0.00	.02	.25	.11	.45	.007	.70	.123	4.41	333.	.31		31.	.10	2.8
110.	.01	.02	.01	.03	.25	.25	.30	.005	0.00	.132	4.27	379.	.40		50.	.12	0.0
120.	.02	.05	.01	.06	.33	.26	.24	.003	.60	.101	3.17	74.	.48		44.	.19	1.8
150.	.10	.98	.14	1.12	.25	.25	.25	.001	1.00	.095	3.04	37.	.46		50.	.19	7.2
200.	.18	2.79	.03	2.82	.04	.06	.31	0.000	0.00	.101	4.10	0.	.88		60.	.08	0.0

?

N° station	Prof.	N Total	P Total	N° station	Prof.	N Total	P Total
37	0	2.85	0.14	47	0	2.34	0.11
	30	2.57	0.16		30	2.63	0.19
	50	2.82	0.19		50	2.14	0.22
	60	2.32	0.25		60	1.98	0.20
	70	2.85	0.32		70	2.01	0.39
	80	2.43	0.23		80	1.84	0.20
	90	3.13	0.37		90	1.99	0.20
	100	2.56	0.30		100	2.84	0.22
	110	4.10	0.30		110	2.75	0.34
	120	4.47	0.35		120	3.07	0.36
	150	3.87	0.36		150	4.23	0.33
	200	5.84	0.51		200	5.46	0.35
56	0	2.72	0.12	66	0	2.72	0.39
	30	2.78	0.12		20	2.65	0.31
	50	2.41	0.22		40	2.69	0.29
	60	2.82	0.18		60	2.52	0.34
	70	2.37	0.17		80	2.54	0.24
	80	1.89	0.20		90	2.46	0.26
	90	3.10	0.22		100	2.31	0.25
	100	3.02	0.24		110	2.82	0.26
	110	4.09	0.29		120	3.43	0.37
	120	4.38	0.31		130	3.36	0.45
	150	5.69	0.37		150	4.31	0.46
	200	5.00	0.40		200	5.96	0.42
76	0	2.45	0.15				
	20	3.63	0.17				
	40	3.31	0.29				
	60	2.31	0.41				
	80	2.18	0.25				
	90	3.48	0.20				
	100	2.24	0.25				
	110	4.60	0.36				
	120	2.63	0.31				
	130	3.49	0.37				
	150	4.87	0.41				
	200	5.65	0.42				

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