

INSTITUTE of OCEANOGRAPHY
UNIVERSITY of BRITISH COLUMBIA.

I

VESSEL C.S.S. VECTOR	CRUISE NO. 76-23	AREA GULF OF COAST
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STATION A 4	DATE 19-7-76	TIME ZONE +7	DEPTH 40 Fms	CHART NO. 3480
TIME Stop 1752	TIME Messenger 1: 1: 2:		TIME Proceed 1803	COURSE 000°(T)
LATITUDE 49° 12' N	WEATHER cloudy	WIND 170 °T 8 knots	BAROMETER 1016 mb.	
LONGITUDE 123° 17.9' W	SEA / SWELL CALM	SEA CALM °T	SWELL — °T	TEMPERATURE Dry 19.0 Wet 17.5
ESTIMATED DRIFT — °T — miles	CLOUDS Type A/cu Amount 7/8 Visibility 15 NM			
REMARKS				

STATION A 5	DATE 19-7-76	TIME ZONE +7	DEPTH 45 fms	CHART NO. 3480
TIME Stop 1734	TIME Messenger 1: 1742 2: —		TIME Proceed 1745	COURSE 000°(T)
LATITUDE 49° 11' N	WEATHER cloudy	WIND 170 °T 8 knots	BAROMETER 1016 mb.	
LONGITUDE 123° 17.9' W	SEA / SWELL CALM	SEA CALM °T	SWELL — °T	TEMPERATURE Dry 19.0 Wet 17.5
ESTIMATED DRIFT — °T — miles	CLOUDS Type A/cu Amount 7/8 Visibility 15 NM			
REMARKS 1742 - MESSENGER				

STATION A 6	DATE 19-7-76	TIME ZONE +7	DEPTH 52 fms	CHART NO. 3480
TIME Stop 1705	TIME Messenger 1: 1712 2:		TIME Proceed 1722	COURSE 040°(T)
LATITUDE 49° 10' N	WEATHER cloudy	WIND 170 °T 12 knots	BAROMETER 1016 mb.	
LONGITUDE 123 17.9' W	SEA / SWELL CALM	SEA 1-2' °T	SWELL — °T	TEMPERATURE Dry 19.0 Wet 17.5
ESTIMATED DRIFT — °T — miles	CLOUDS Type ALTOCUMULUS Amount 6/8 Visibility 15			
REMARKS 1712 STD 1722 COMPLETED				

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IV

VESSEL VECTOR	CRUISE NO.	AREA SANDHEADS
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STATION A 1	DATE 19.7.76	TIME ZONE +7	DEPTH 56 fms	CHART NO. 3480
TIME Stop 1850	TIME Messenger 1: 1859 2:		TIME Proceed 1903	COURSE 260°(T)
LATITUDE 49° 15' N	WEATHER cloudy	WIND CALM °T - knots	BAROMETER 1016 mb.	
LONGITUDE 123° 17.9' W	SEA / SWELL CALM	SEA CALM °T - °T	TEMPERATURE Dry 19.4 Wet 18.3	
ESTIMATED DRIFT - °T - miles	CLOUDS Type A/cu Amount 7/8 Visibility 15 NM			
REMARKS				

STATION A 2	DATE 19.7.76	TIME ZONE +7	DEPTH 66 fms	CHART NO. 3480
TIME Stop 1837	TIME Messenger 1: 1843 2:		TIME Proceed 1843	COURSE 000°(T)
LATITUDE 49° 14' N	WEATHER cloudy	WIND CALM °T - knots	BAROMETER 1016 mb.	
LONGITUDE 123° 17.9' W	SEA / SWELL CALM	SEA CALM °T - °T	TEMPERATURE Dry 19.4 Wet 18.3	
ESTIMATED DRIFT - °T - miles	CLOUDS Type A/cu Amount 7/8 Visibility 15 NM			
REMARKS				

STATION A 3	DATE 19.7.76	TIME ZONE +7	DEPTH 66 fms	CHART NO. 3480
TIME Stop 1812	TIME Messenger 1: 1826 2:		TIME Proceed 1830	COURSE 000°(T)
LATITUDE 49° 13' N	WEATHER cloudy	WIND CALM °T - knots	BAROMETER 1016 mb.	
LONGITUDE 123° 17.9' W	SEA / SWELL CALM	SEA - °T - °T	TEMPERATURE Dry 19.4 Wet 18.3	
ESTIMATED DRIFT - °T - miles	CLOUDS Type A/cu Amount 7/8 Visibility 15 NM			
REMARKS				

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Bridge Log

VESSEL <i>C.S.S. VECTOR</i>		CRUISE NO.		AREA <i>SE OF GEORGIA</i>	
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STATION <i>B 1</i>		DATE <i>19-7-76</i>		TIME ZONE <i>+7</i>		DEPTH <i>108</i> fms.		CHART NO. <i>3480</i>	
TIME Stop <i>1917</i>		TIME Messenger <i>1947</i>		TIME Proceed <i>1927</i>		COURSE <i>180°(T)</i>			
LATITUDE <i>49° 15' N</i>		WEATHER <i>Cloudy</i>		WIND <i>CALM</i> °T — knots		BAROMETER <i>1016</i> mb.			
LONGITUDE <i>123° 20' W</i>		SEA Dir. — P. — H. —		SWELL Dir. — P. — H. —		TEMPERATURE Dry <i>19</i> Wet <i>17.5</i>			
ESTIMATED DRIFT °T — miles		CLOUDS Type <i>A/cu</i> Amount <i>7/8</i>		Visibility <i>15 NM</i>					
REMARKS									

STATION <i>B 2</i>		DATE <i>19-7-76</i>		TIME ZONE <i>+7</i>		DEPTH <i>110</i> fms.		CHART NO. <i>3480</i>	
TIME Stop <i>1936</i>		TIME Messenger <i>1947</i>		TIME Proceed <i>1955</i>		COURSE <i>190°(T)</i>			
LATITUDE <i>49° 14' N</i>		WEATHER <i>Cloudy</i>		WIND <i>CALM</i> °T — knots		BAROMETER <i>1016</i> mb.			
LONGITUDE <i>123° 20' W</i>		SEA Dir. <i>CALM</i> P. — H. —		SWELL Dir. — P. — H. —		TEMPERATURE Dry <i>18.8</i> Wet <i>17.0</i>			
ESTIMATED DRIFT °T — miles		CLOUDS Type <i>A/cu</i> Amount <i>7/8</i>		Visibility <i>15 NM</i>					
REMARKS									

STATION <i>B 3</i>		DATE <i>19-7-76</i>		TIME ZONE <i>+7</i>		DEPTH fms.		CHART NO. <i>3480</i>	
TIME Stop <i>2003</i>		TIME Messenger <i>2018</i>		TIME Proceed <i>2018</i>		COURSE			
LATITUDE <i>49° 13' N</i>		WEATHER <i>O'cast</i>		WIND <i>CALM</i> °T — knots		BAROMETER <i>1016</i> mb.			
LONGITUDE <i>123° 20' W</i>		SEA <i>CALM</i> Dir. — P. — H. —		SWELL Dir. — P. — H. —		TEMPERATURE Dry <i>18.8</i> Wet <i>17.5</i>			
ESTIMATED DRIFT °T — miles		CLOUDS Type <i>A/cu</i> Amount <i>7/8</i>		Visibility <i>15 NM</i>					
REMARKS									

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VESSEL <i>C.S.S. VECTOR</i>		CRUISE NO.		AREA <i>STR. OF. GEORGIA</i>	
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STATION <i>B 4</i>	DATE <i>19-7-76</i>	TIME ZONE <i>17</i>	DEPTH <i>96</i> fms.	CHART NO. <i>3480</i>
TIME Stop <i>2025</i>	TIME Messenger 1: 2:		TIME Proceed <i>2035</i>	COURSE
LATITUDE <i>49° 12' N</i>	WEATHER	WIND <i>Calm</i> °T	BAROMETER <i>1015</i> mb.	
LONGITUDE <i>123° 20' W</i>	SEA Dir. P. H.	SWELL Dir. P. H.	TEMPERATURE Dry <i>19</i> Wet <i>17.5</i>	
ESTIMATED DRIFT °T miles	CLOUDS Type <i>C</i>	Amount <i>7/8</i>		Visibility <i>15</i>
REMARKS				

STATION <i>B 5</i>	DATE <i>19-7-76</i>	TIME ZONE <i>17</i>	DEPTH <i>9.8</i> fms.	CHART NO. <i>3480</i>
TIME Stop <i>2045</i>	TIME Messenger 1: 2:		TIME Proceed <i>205</i>	COURSE
LATITUDE <i>49° 11' N</i>	WEATHER	WIND <i>Calm</i> °T	BAROMETER <i>1015</i> mb.	
LONGITUDE <i>123° 20' W</i>	SEA Dir. P. H.	SWELL Dir. P. H.	TEMPERATURE Dry <i>18</i> Wet <i>17</i>	
ESTIMATED DRIFT °T miles	CLOUDS Type <i>CU</i>	Amount <i>7/8</i>		Visibility <i>15</i>
REMARKS				

STATION <i>B 6</i>	DATE <i>19-7-76</i>	TIME ZONE <i>17</i>	DEPTH <i>96</i> fms.	CHART NO. <i>3480</i>
TIME Stop <i>2100</i>	TIME Messenger 1: 2:		TIME Proceed <i>2112</i>	COURSE
LATITUDE <i>49° 10' N</i>	WEATHER	WIND <i>Calm</i> °T	BAROMETER <i>1015</i> mb.	
LONGITUDE <i>123° 20' W</i>	SEA Dir. P. H.	SWELL Dir. P. H.	TEMPERATURE Dry Wet	
ESTIMATED DRIFT °T miles	CLOUDS Type <i>CU</i>	Amount <i>7/8</i>		Visibility <i>15</i>
REMARKS				

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VESSEL <i>C.S.S. VECTOR</i>		CRUISE NO.		AREA <i>STR OF GEORGIA</i>	
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STATION <i>C 2</i>		DATE <i>19-7-76</i>		TIME ZONE <i>+7</i>		DEPTH <i>130</i> fms.		CHART NO. <i>3480</i>	
TIME Stop <i>2124</i>		TIME Messenger <i>1</i>		TIME Proceed <i>2132</i>		COURSE			
LATITUDE <i>49° 10' N</i>		WEATHER <i>Calm</i>		WIND <i>°T</i>		BAROMETER <i>1015</i> mb.			
LONGITUDE <i>123° 22.4 W</i>		SEA Dir. P. H.		SWELL Dir. P. H.		TEMPERATURE Dry <i>17</i> Wet <i>16</i>			
ESTIMATED DRIFT <i>°T</i> miles		CLOUDS Type <i>C</i>		Amount <i>6/8</i>		Visibility <i>10-12</i>			
REMARKS									

STATION <i>C 1</i>		DATE <i>19-7-76</i>		TIME ZONE <i>+7</i>		DEPTH <i>130</i> fms.		CHART NO. <i>3480</i>	
TIME Stop		TIME Messenger <i>1</i>		TIME Proceed		COURSE			
LATITUDE <i>49° 15' N</i>		WEATHER		WIND <i>°T</i>		BAROMETER <i>1015</i> mb.			
LONGITUDE <i>123° 22.4 W</i>		SEA Dir. P. H.		SWELL Dir. P. H.		TEMPERATURE Dry Wet			
ESTIMATED DRIFT <i>°T</i> miles		CLOUDS Type		Amount		Visibility			
REMARKS									

STATION <i>D 1</i>		DATE		TIME ZONE <i>+7</i>		DEPTH <i>130</i> fms.		CHART NO. <i>3480</i>	
TIME Stop <i>2344</i>		TIME Messenger <i>1</i>		TIME Proceed <i>2353</i>		COURSE			
LATITUDE <i>49° 15' N</i>		WEATHER <i>OCAST-RAIN</i>		WIND <i>CALM</i> <i>°T</i>		BAROMETER <i>1015</i> mb.			
LONGITUDE <i>123° 25' W</i>		SEA <i>rough</i> Dir. P. H.		SWELL Dir. P. H.		TEMPERATURE Dry <i>17.5</i> Wet <i>17</i>			
ESTIMATED DRIFT <i>°T</i> miles		CLOUDS Type		Amount		Visibility <i>10</i>			
REMARKS									

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VESSEL <i>C.S.S. VECTOR</i>		CRUISE NO.		AREA <i>STR OF GEORGIA</i>	
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STATION <i>D2</i>	DATE <i>19/7-76</i>	TIME ZONE <i>+7</i>	DEPTH <i>150</i> fms.	CHART NO. <i>3480</i>
TIME Stop <i>2318</i>	TIME Messenger 1: 2:		TIME Proceed <i>2336</i>	COURSE
LATITUDE <i>49° 14' N</i>	WEATHER <i>Cloudy-Rain</i>	WIND <i>SE</i> °T <i>10</i> knots	BAROMETER <i>1015</i> mb.	
LONGITUDE <i>123° 25' W</i>	SEA Dir. P. <i>Slight</i> H. <i>1/2</i>	SWELL Dir. P. H.	TEMPERATURE Dry <i>17</i> Wet <i>17</i>	
ESTIMATED DRIFT °T miles	CLOUDS Type <i>C</i>	Amount <i>8/8</i> Visibility <i>10</i>		
REMARKS				

STATION <i>D3</i>	DATE <i>19/7-76</i>	TIME ZONE <i>+7</i>	DEPTH <i>162</i> fms.	CHART NO. <i>3480</i>
TIME Stop <i>2300</i>	TIME Messenger 1: 2:		TIME Proceed <i>2310</i>	COURSE
LATITUDE <i>49° 13' N</i>	WEATHER <i>Drizzle</i>	WIND <i>SE</i> °T <i>8</i> knots	BAROMETER <i>1015</i> mb.	
LONGITUDE <i>123° 25' W</i>	SEA Dir. P. <i>Slight</i> H. <i>1/2</i>	SWELL Dir. P. H.	TEMPERATURE Dry <i>17.5</i> Wet <i>16.5</i>	
ESTIMATED DRIFT °T miles	CLOUDS Type <i>C</i>	Amount <i>8/8</i> Visibility <i>10-12</i>		
REMARKS				

STATION <i>D4</i>	DATE <i>19/7-76</i>	TIME ZONE <i>+7</i>	DEPTH <i>160</i> fms.	CHART NO. <i>3480</i>
TIME Stop <i>2235</i>	TIME Messenger 1: 2:		TIME Proceed <i>2253</i>	COURSE
LATITUDE <i>49° 12' N</i>	WEATHER <i>Cloudy</i>	WIND <i>SW</i> °T <i>10</i> knots	BAROMETER <i>1015</i> mb.	
LONGITUDE <i>123° 25' W</i>	SEA Dir. P. <i>Ripple</i> H. <i>1/2</i>	SWELL Dir. P. H.	TEMPERATURE Dry <i>17</i> Wet <i>16</i>	
ESTIMATED DRIFT °T miles	CLOUDS Type <i>CU</i>	Amount <i>7/8</i> Visibility <i>10-12</i>		
REMARKS				

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VESSEL <i>CSS. VECTOR</i>		CRUISE NO.		AREA <i>STR OF GEORGIA</i>	
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STATION <i>D5</i>		DATE		TIME ZONE <i>+7</i>		DEPTH <i>156</i> fms.		CHART NO. <i>3480</i>	
TIME Stop <i>2211</i>		TIME Messenger 1: 2:		TIME Proceed <i>2228</i>		COURSE			
LATITUDE <i>49° 11' N</i>		WEATHER		WIND <i>SW</i> °T <i>8</i> knots		BAROMETER <i>1015</i> mb.			
LONGITUDE <i>123° 25' W</i>		SEA Dir. P. H.		SWELL Dir. P. H.		TEMPERATURE Dry Wet			
ESTIMATED DRIFT °T miles		CLOUDS Type <i>C</i>		Amount <i>9/8</i>		Visibility <i>10-12</i>			
REMARKS									

STATION <i>D6</i>		DATE <i>19/7-76</i>		TIME ZONE <i>+7</i>		DEPTH <i>136</i> fms.		CHART NO. <i>3480</i>	
TIME Stop <i>2145</i>		TIME Messenger 1: 2:		TIME Proceed <i>2203</i>		COURSE			
LATITUDE <i>49° 10' N</i>		WEATHER <i>Cloudy</i>		WIND <i>SW</i> °T <i>8</i> knots		BAROMETER <i>1015</i> mb.			
LONGITUDE <i>123° 25' W</i>		SEA Dir. P. H.		SWELL Dir. P. H.		TEMPERATURE Dry Wet			
ESTIMATED DRIFT °T miles		CLOUDS Type <i>C</i>		Amount <i>6/8</i>		Visibility <i>10-12</i>			
REMARKS									

STATION <i>E3</i>		DATE <i>20.7.76</i>		TIME ZONE <i>+7</i>		DEPTH <i>178</i> fms.		CHART NO. <i>3480</i>	
TIME Stop <i>0144</i>		TIME Messenger 1: 2:		TIME Proceed <i>0235</i>		COURSE			
LATITUDE <i>49° 10' N</i>		WEATHER <i>O'CAST</i>		WIND <i>140</i> °T <i>4</i> knots		BAROMETER <i>1016</i> mb.			
LONGITUDE <i>123° 30' W</i>		SEA <i>RIPPLED</i> Dir. P. H.		SWELL Dir. P. H.		TEMPERATURE Dry <i>17.5</i> Wet <i>17</i>			
ESTIMATED DRIFT °T miles		CLOUDS Type		Amount		Visibility <i>10</i>			
REMARKS <i>MESS 0157</i>									

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VESSEL <i>C.S.S. VECTOR</i>		CRUISE NO.		AREA <i>STR OF GEORGIA</i>	
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STATION <i>E1</i>		DATE <i>20.7.76</i>		TIME ZONE <i>+7</i>		DEPTH <i>174</i> fms.		CHART NO. <i>3480</i>	
TIME Stop <i>0022</i>		TIME Messenger 1: 2:				TIME Proceed <i>0043</i>		COURSE	
LATITUDE <i>49° 15' N</i>		WEATHER <i>RAIN</i>		WIND <i>140 °T 10</i> knots		BAROMETER <i>1015</i> mb.			
LONGITUDE <i>123° 30' W</i>		SEA <i>LT CHOP</i>		SWELL		TEMPERATURE			
		Dir. P. H.		Dir. P. H.		Dry <i>17.5</i> Wet <i>17</i>			
ESTIMATED DRIFT °T miles		CLOUDS Type Amount Visibility <i>10</i>							
REMARKS									

STATION <i>E2</i>		DATE <i>20.7.76</i>		TIME ZONE <i>+7</i>		DEPTH <i>180</i> fms.		CHART NO. <i>3480</i>	
TIME Stop <i>0104</i>		TIME Messenger 1: 2:				TIME Proceed <i>0118</i>		COURSE	
LATITUDE <i>49° 13' N</i>		WEATHER <i>RAIN</i>		WIND <i>180 °T 8</i> knots		BAROMETER <i>1016</i> mb.			
LONGITUDE <i>123° 30' W</i>		SEA <i>LT CHOP</i>		SWELL		TEMPERATURE			
		Dir. P. H.		Dir. P. H.		Dry <i>17.5</i> Wet <i>17</i>			
ESTIMATED DRIFT °T miles		CLOUDS Type Amount Visibility <i>10</i>							
REMARKS									

STATION		DATE		TIME ZONE		DEPTH fms.		CHART NO.	
TIME Stop		TIME Messenger 1: 2:				TIME Proceed		COURSE	
LATITUDE		WEATHER		WIND °T knots		BAROMETER mb.			
LONGITUDE		SEA		SWELL		TEMPERATURE			
		Dir. P. H.		Dir. P. H.		Dry Wet			
ESTIMATED DRIFT °T miles		CLOUDS Type Amount Visibility							
REMARKS									