

| Cruise: HS1221 / 8291a | | Leg: 1 | | Cast: HS1221 HS1221C1.hex | | Type: Hydro 5' Shallow/Mid | | | | | | | | | | | |
|------------------------|----------------|-----------------|-------------|--------------------------------------|-------------|----------------------------|--------|-----------------------|------|-----------------|---------------------|----------------|-------------|-----------|-----------|----------------|------|
| Date: 2013 03 28 | | Time: 0645 | | Lat: 32° 10' 11.76N | | Long: 064° 30' 03.65W | | Samplers: Steve, MATT | | | | | | | | | |
| Date: 2017 03 28 | | Time: 0800 | | Lat: 32° 10' 00.55N | | Long: 064° 30' 37.28W | | | | | | | | | | | |
| Niskin # | Depth | Niskin temp | Oxygens | DIC Bates | DIC Keeling | TOC/N | Sugars | Salts | Nuts | TDP / SRP / APA | SRP LNSW | Virus / Probes | POC/N vol = | Psi vol = | POP vol = | HPLC/FCM vol = | ChIA |
| 1 | 1 | 17.9 | 301 321 322 | | | | | 301 | | | | | | | | | |
| 2 | 10 | 17.9 | 302 | | | | | 302 | | | | | | | | | |
| 3 | 25 | 17.9 | 303 | | | | | 303 | | | | | | | | | |
| 4 | 50 | 17.9 | 304 | | | | | 304 | | | | | | | | | |
| 5 | 75 | 17.9 | 305 | | | | | 305 | | | | | | | | | |
| 6 | 100 | 18.0 | 306 | | | | | 306 | | | | | | | | | |
| 7 | 150 | 17.9 | 307 | | | | | 307 | | | | | | | | | |
| 8 | 200 | 17.8 | 308 | | | | | 308 | | | | | | | | | |
| 9 | 250 | 17.6 | 309 | | | | | 309 | | | | | | | | | |
| 10 | 300 | 17.4 | 310 | | | | | 310 | | | | | | | | | |
| 11 | 400 | 17.2 | 318 323 324 | | | | | 311 | | | | | | | | | |
| 12 | 500 | 16.4 | 314 | | | | | 312 | | | | | | | | | |
| 13 | 600 | 14.9 | 315 | | | | | 313 | | | | | | | | | |
| 14 | 700 | | 316 | | | | | 314 | | | | | | | | | |
| 15 | 800 | 12.0 | 317 213 214 | | | | | 315 | | | | | | | | | |
| 16 | 900 | 10.2 | 318 | | | | | 316 | | | | | | | | | |
| 17 | 1000 | 9.3 | 319 | | | | | 317 | | | | | | | | | |
| 18 | 1200 | 9.0 | 320 215 216 | | | | | 318 | | | | | | | | | |
| 19 | SFC | | | | | | | | | | * | | | | | | |
| 20 | SFC | | | | | | | | | | * | | | | | | |
| 21 | SFC | | | | | | | | | | * | | | | | | |
| 22 | SFC | | | | | | | | | | * | | | | | | |
| 23 | SFC | | | | | | | | | | * | | | | | | |
| 24 | SFC | | | | | | | | | | * | | | | | | |