

Appendix 3-3: Kraken2 Remotely Operated Vehicle Field Log

1 Ching Loney

5/19/18

Dine Old 1706-

4634 9860

Lex narybent, etc

- 400g HDG 151

1st pul 1712 4y no. 377 116-6308 date stamp

156/6

part nary

HDG 131 for nary, 1/2 kn for last

1714

- Cadet play green

- pulled by RCT

1714

- cadet

- 5m high + 4m high

2315

- see some 5m high in nary

- 5m high (to 4m)

- Astragalus on rock (4m)

- Bryozoa

- Lumen

- D. lencidra on top

- red algae

3744

- nary

- Chondria, right after nary

3796

blackish Chondria, nary, high, 1m, 2m, 3m,

3796

blackish Chondria

red algae

drift, etc

3796

bottom large ledge, nary, sandy, etc

3796

Astragalus on bottom ledge

18110

recording change Picta 2

0138

giving, etc

0138

0138

0138

2 (lateral) etc

0138

0138

0138

decid. tension on top

0138

Astragalus "bulb"

0138

Clay, 1m, 2m, 3m, 4m, 5m, 6m, 7m, 8m, 9m, 10m, 11m, 12m, 13m, 14m, 15m, 16m, 17m, 18m, 19m, 20m, 21m, 22m, 23m, 24m, 25m, 26m, 27m, 28m, 29m, 30m, 31m, 32m, 33m, 34m, 35m, 36m, 37m, 38m, 39m, 40m, 41m, 42m, 43m, 44m, 45m, 46m, 47m, 48m, 49m, 50m, 51m, 52m, 53m, 54m, 55m, 56m, 57m, 58m, 59m, 60m, 61m, 62m, 63m, 64m, 65m, 66m, 67m, 68m, 69m, 70m, 71m, 72m, 73m, 74m, 75m, 76m, 77m, 78m, 79m, 80m, 81m, 82m, 83m, 84m, 85m, 86m, 87m, 88m, 89m, 90m, 91m, 92m, 93m, 94m, 95m, 96m, 97m, 98m, 99m, 100m, 101m, 102m, 103m, 104m, 105m, 106m, 107m, 108m, 109m, 110m, 111m, 112m, 113m, 114m, 115m, 116m, 117m, 118m, 119m, 120m, 121m, 122m, 123m, 124m, 125m, 126m, 127m, 128m, 129m, 130m, 131m, 132m, 133m, 134m, 135m, 136m, 137m, 138m, 139m, 140m, 141m, 142m, 143m, 144m, 145m, 146m, 147m, 148m, 149m, 150m, 151m, 152m, 153m, 154m, 155m, 156m, 157m, 158m, 159m, 160m, 161m, 162m, 163m, 164m, 165m, 166m, 167m, 168m, 169m, 170m, 171m, 172m, 173m, 174m, 175m, 176m, 177m, 178m, 179m, 180m, 181m, 182m, 183m, 184m, 185m, 186m, 187m, 188m, 189m, 190m, 191m, 192m, 193m, 194m, 195m, 196m, 197m, 198m, 199m, 200m, 201m, 202m, 203m, 204m, 205m, 206m, 207m, 208m, 209m, 210m, 211m, 212m, 213m, 214m, 215m, 216m, 217m, 218m, 219m, 220m, 221m, 222m, 223m, 224m, 225m, 226m, 227m, 228m, 229m, 230m, 231m, 232m, 233m, 234m, 235m, 236m, 237m, 238m, 239m, 240m, 241m, 242m, 243m, 244m, 245m, 246m, 247m, 248m, 249m, 250m, 251m, 252m, 253m, 254m, 255m, 256m, 257m, 258m, 259m, 260m, 261m, 262m, 263m, 264m, 265m, 266m, 267m, 268m, 269m, 270m, 271m, 272m, 273m, 274m, 275m, 276m, 277m, 278m, 279m, 280m, 281m, 282m, 283m, 284m, 285m, 286m, 287m, 288m, 289m, 290m, 291m, 292m, 293m, 294m, 295m, 296m, 297m, 298m, 299m, 300m, 301m, 302m, 303m, 304m, 305m, 306m, 307m, 308m, 309m, 310m, 311m, 312m, 313m, 314m, 315m, 316m, 317m, 318m, 319m, 320m, 321m, 322m, 323m, 324m, 325m, 326m, 327m, 328m, 329m, 330m, 331m, 332m, 333m, 334m, 335m, 336m, 337m, 338m, 339m, 340m, 341m, 342m, 343m, 344m, 345m, 346m, 347m, 348m, 349m, 350m, 351m, 352m, 353m, 354m, 355m, 356m, 357m, 358m, 359m, 360m, 361m, 362m, 363m, 364m, 365m, 366m, 367m, 368m, 369m, 370m, 371m, 372m, 373m, 374m, 375m, 376m, 377m, 378m, 379m, 380m, 381m, 382m, 383m, 384m, 385m, 386m, 387m, 388m, 389m, 390m, 391m, 392m, 393m, 394m, 395m, 396m, 397m, 398m, 399m, 400m, 401m, 402m, 403m, 404m, 405m, 406m, 407m, 408m, 409m, 410m, 411m, 412m, 413m, 414m, 415m, 416m, 417m, 418m, 419m, 420m, 421m, 422m, 423m, 424m, 425m, 426m, 427m, 428m, 429m, 430m, 431m, 432m, 433m, 434m, 435m, 436m, 437m, 438m, 439m, 440m, 441m, 442m, 443m, 444m, 445m, 446m, 447m, 448m, 449m, 450m, 451m, 452m, 453m, 454m, 455m, 456m, 457m, 458m, 459m, 460m, 461m, 462m, 463m, 464m, 465m, 466m, 467m, 468m, 469m, 470m, 471m, 472m, 473m, 474m, 475m, 476m, 477m, 478m, 479m, 480m, 481m, 482m, 483m, 484m, 485m, 486m, 487m, 488m, 489m, 490m, 491m, 492m, 493m, 494m, 495m, 496m, 497m, 498m, 499m, 500m, 501m, 502m, 503m, 504m, 505m, 506m, 507m, 508m, 509m, 510m, 511m, 512m, 513m, 514m, 515m, 516m, 517m, 518m, 519m, 520m, 521m, 522m, 523m, 524m, 525m, 526m, 527m, 528m, 529m, 530m, 531m, 532m, 533m, 534m, 535m, 536m, 537m, 538m, 539m, 540m, 541m, 542m, 543m, 544m, 545m, 546m, 547m, 548m, 549m, 550m, 551m, 552m, 553m, 554m, 555m, 556m, 557m, 558m, 559m, 560m, 561m, 562m, 563m, 564m, 565m, 566m, 567m, 568m, 569m, 570m, 571m, 572m, 573m, 574m, 575m, 576m, 577m, 578m, 579m, 580m, 581m, 582m, 583m, 584m, 585m, 586m, 587m, 588m, 589m, 590m, 591m, 592m, 593m, 594m, 595m, 596m, 597m, 598m, 599m, 600m, 601m, 602m, 603m, 604m, 605m, 606m, 607m, 608m, 609m, 610m, 611m, 612m, 613m, 614m, 615m, 616m, 617m, 618m, 619m, 620m, 621m, 622m, 623m, 624m, 625m, 626m, 627m, 628m, 629m, 630m, 631m, 632m, 633m, 634m, 635m, 636m, 637m, 638m, 639m, 640m, 641m, 642m, 643m, 644m, 645m, 646m, 647m, 648m, 649m, 650m, 651m, 652m, 653m, 654m, 655m, 656m, 657m, 658m, 659m, 660m, 661m, 662m, 663m, 664m, 665m, 666m, 667m, 668m, 669m, 670m, 671m, 672m, 673m, 674m, 675m, 676m, 677m, 678m, 679m, 680m, 681m, 682m, 683m, 684m, 685m, 686m, 687m, 688m, 689m, 690m, 691m, 692m, 693m, 694m, 695m, 696m, 697m, 698m, 699m, 700m, 701m, 702m, 703m, 704m, 705m, 706m, 707m, 708m, 709m, 710m, 711m, 712m, 713m, 714m, 715m, 716m, 717m, 718m, 719m, 720m, 721m, 722m, 723m, 724m, 725m, 726m, 727m, 728m, 729m, 730m, 731m, 732m, 733m, 734m, 735m, 736m, 737m, 738m, 739m, 740m, 741m, 742m, 743m, 744m, 745m, 746m, 747m, 748m, 749m, 750m, 751m, 752m, 753m, 754m, 755m, 756m, 757m, 758m, 759m, 760m, 761m, 762m, 763m, 764m, 765m, 766m, 767m, 768m, 769m, 770m, 771m, 772m, 773m, 774m, 775m, 776m, 777m, 778m, 779m, 780m, 781m, 782m, 783m, 784m, 785m, 786m, 787m, 788m, 789m, 790m, 791m, 792m, 793m, 794m, 795m, 796m, 797m, 798m, 799m, 800m, 801m, 802m, 803m, 804m, 805m, 806m, 807m, 808m, 809m, 810m, 811m, 812m, 813m, 814m, 815m, 816m, 817m, 818m, 819m, 820m, 821m, 822m, 823m, 824m, 825m, 826m, 827m, 828m, 829m, 830m, 831m, 832m, 833m, 834m, 835m, 836m, 837m, 838m, 839m, 840m, 841m, 842m, 843m, 844m, 845m, 846m, 847m, 848m, 849m, 850m, 851m, 852m, 853m, 854m, 855m, 856m, 857m, 858m, 859m, 860m, 861m, 862m, 863m, 864m, 865m, 866m, 867m, 868m, 869m, 870m, 871m, 872m, 873m, 874m, 875m, 876m, 877m, 878m, 879m, 880m, 881m, 882m, 883m, 884m, 885m, 886m, 887m, 888m, 889m, 890m, 891m, 892m, 893m, 894m, 895m, 896m, 897m, 898m, 899m, 900m, 901m, 902m, 903m, 904m, 905m, 906m, 907m, 908m, 909m, 910m, 911m, 912m, 913m, 914m, 915m, 916m, 917m, 918m, 919m, 920m, 921m, 922m, 923m, 924m, 925m, 926m, 927m, 928m, 929m, 930m, 931m, 932m, 933m, 934m, 935m, 936m, 937m, 938m, 939m, 940m, 941m, 942m, 943m, 944m, 945m, 946m, 947m, 948m, 949m, 950m, 951m, 952m, 953m, 954m, 955m, 956m, 957m, 958m, 959m, 960m, 961m, 962m, 963m, 964m, 965m, 966m, 967m, 968m, 969m, 970m, 971m, 972m, 973m, 974m, 975m, 976m, 977m, 978m, 979m, 980m, 981m, 982m, 983m, 984m, 985m, 986m, 987m, 988m, 989m, 990m, 991m, 992m, 993m, 994m, 995m, 996m, 997m, 998m, 999m, 1000m, 1001m, 1002m, 1003m, 1004m, 1005m, 1006m, 1007m, 1008m, 1009m, 1010m, 1011m, 1012m, 1013m, 1014m, 1015m, 1016m, 1017m, 1018m, 1019m, 1020m, 1021m, 1022m, 1023m, 1024m, 1025m, 1026m, 1027m, 1028m, 1029m, 1030m, 1031m, 1032m, 1033m, 1034m, 1035m, 1036m, 1037m, 1038m, 1039m, 1040m, 1041m, 1042m, 1043m, 1044m, 1045m, 1046m, 1047m, 1048m, 1049m, 1050m, 1051m, 1052m, 1053m, 1054m, 1055m, 1056m, 1057m, 1058m, 1059m, 1060m, 1061m, 1062m, 1063m, 1064m, 1065m, 1066m, 1067m, 1068m, 1069m, 1070m, 1071m, 1072m, 1073m, 1074m, 1075m, 1076m, 1077m, 1078m, 1079m, 1080m, 1081m, 1082m, 1083m, 1084m, 1085m, 1086m, 1087m, 1088m, 1089m, 1090m, 1091m, 1092m, 1093m, 1094m, 1095m, 1096m, 1097m, 1098m, 1099m, 1100m, 1101m, 1102m, 1103m, 1104m, 1105m, 1106m, 1107m, 1108m, 1109m, 1110m, 1111m, 1112m, 1113m, 1114m, 1115m, 1116m, 1117m, 1118m, 1119m, 1120m, 1121m, 1122m, 1123m, 1124m, 1125m, 1126m, 1127m, 1128m, 1129m, 1130m, 1131m, 1132m, 1133m, 1134m, 1135m, 1136m, 1137m, 1138m, 1139m, 1140m, 1141m, 1142m, 1143m, 1144m, 1145m, 1146m, 1147m, 1148m, 1149m, 1150m, 1151m, 1152m, 1153m, 1154m, 1155m, 1156m, 1157m, 1158m, 1159m, 1160m, 1161m, 1162m, 1163m, 1164m, 1165m, 1166m, 1167m, 1168m, 1169m, 1170m, 1171m, 1172m, 1173m, 1174m, 1175m, 1176m, 1177m, 1178m, 1179m, 1180m, 1181m, 1182m, 1183m, 1184m, 1185m, 1186m, 1187m, 1188m, 1189m, 1190m, 1191m, 1192m, 1193m, 1194m, 1195m, 1196m, 1197m, 1198m, 1199m, 1200m, 1201m, 1202m, 1203m, 1204m, 1205m, 1206m, 1207m, 1208m, 1209m, 1210m, 1211m, 1212m, 1213m, 1214m, 1215m, 1216m, 1217m, 1218m, 1219m, 1220m, 1221m, 1222m, 1223m, 1224m, 1225m, 1226m, 1227m, 1228m, 1229m, 1230m, 1231m, 1232m, 1233m, 1234m, 1235m, 1236m, 1237m, 1238m, 1239m, 1240m, 1241m, 1242m, 1243m, 1244m, 1245m, 1246m, 1247m, 1248m, 1249m, 1250m, 1251m, 1252m, 1253m, 1254m, 1255m, 1256m, 1257m, 1258m, 1259m, 1260m, 1261m, 1262m, 1263m, 1264m, 1265m, 1266m, 1267m, 1268m, 1269m, 1270m, 1271m, 1272m, 1273m, 1274m, 1275m, 1276m, 1277m, 1278m, 1279m, 1280m, 1281m, 1282m, 1283m, 1284m, 1285m, 1286m, 1287m, 1288m, 1289m, 1290m, 1291m, 1292m, 1293m, 1294m, 1295m, 1296m, 1297m, 1298m, 1299m, 1300m, 1301m, 1302m, 1303m, 1304m, 1305m, 1306m, 1307m, 1308m, 1309m, 1310m, 1311m, 1312m, 1313m, 1314m, 1315m, 1316m, 1317m, 1318m, 1319m, 1320m, 1321m, 1322m, 1323m, 1324m, 1325m, 1326m, 1327m, 1328m, 1329m, 1330m, 1331m, 1332m, 1333m, 1334m, 1335m, 1336m, 1337m, 1338m, 1339m, 1340m, 1341m, 1342m, 1343m, 1344m, 1345m, 1346m, 1347m, 1348m, 1349m, 1350m, 1351m, 1352m, 1353m, 1354m, 1355m, 1356m, 1357m, 1358m, 1359m, 1360m, 1361m, 1362m, 1363m, 1364m, 1365m, 1366m, 1367m, 1368m, 1369m, 1370m, 1371m, 1372m, 1373m, 1374m, 1375m, 1376m, 1377m, 1378m, 1379m, 1380m, 1381m, 1382m, 1383m, 1384m, 1385m, 1386m, 1387m, 1388m, 1389m, 1390m, 1391m, 1392m, 1393m, 1394m, 1395m, 1396m, 1397m, 1398m, 1399m, 1400m, 1401m, 1402m, 1403m, 1404m, 1405m, 1406m, 1407m, 1408m, 1409m, 1410m, 1411m, 1412m, 1413m, 1414m, 1415m, 1416m, 1417m, 1418m, 1419m, 1420m, 1421m, 1422m, 1423m, 1424m, 1425m, 1426m, 1427m, 1428m, 1429m, 1430m, 1431m, 1432m, 1433m, 1434m, 1435m, 1436m, 1437m, 1438m, 1439m, 1440m, 1441m, 1442m, 1443m, 1444m, 1445m, 1446m, 1447m, 1448m, 1449m, 1450m, 1451m, 1452m, 1453m, 1454m, 1455m, 1456m, 1457m, 1458m, 1459m, 1460m, 1461m, 1462m, 1463m, 1464m, 1465m, 1466m, 1467m, 1468m, 1469m, 1470m, 1471m, 1472m, 1473m, 1474m, 1475m, 1476m, 1477m, 1478m, 1479m, 1480m, 1481m, 1482m, 1483m, 1484m, 1485m, 1486m, 1487m, 1488m, 1489m, 1490m, 1491m, 1492m, 1493m, 1494m, 1495m, 1496m, 1497m, 1498m, 1499m, 1500m, 1501m, 1502m, 1503m, 1504m, 1505m, 1506m, 1507m, 1508m, 1509m, 1510m, 1511m, 1512m, 1513m, 1514m, 1515m, 1516m, 1517m, 1518m, 1519m, 1520m, 1521m, 1522m, 1523m, 1524m, 1525m, 1526m, 1527m, 1528m, 1529m, 1530m, 1531m, 1532m, 1533m, 1534m, 1535m, 1536m, 1537m, 1538m, 1539m, 1540m, 1541m, 1542m, 1543m, 1544m, 1545m, 1546m, 1547m, 1548m, 1549m, 1550m, 1551m, 1552m, 1553m, 1554m, 1555m, 1556m, 1557m, 1558m, 1559m, 1560m, 1561m, 1562m, 1563m, 1564m, 1565m, 1566m, 1567m, 1568m, 1569m, 1570m, 1571m, 1572m, 1573m, 1574m, 1575m, 1576m, 1577m, 1578m, 1579m, 1580m, 1581m, 1582m, 1583m, 1584m, 1585m, 1586m, 1587m, 1588m, 1589m, 1590m, 1591m, 1592m, 1593m, 1594m, 1595m, 1596m, 1597m, 1598m, 1599m, 1600m, 1601m, 1602m, 1603m, 1604m, 1605m, 1606m, 1607m, 1608m, 1609m, 1610m, 1611m, 1612m, 1613m, 1614m, 1615m, 1616m, 1617m, 1618m, 1619m, 1620m, 1621m, 1622m, 1623m, 1624m, 1625m, 1626m, 1627m, 1628m, 1629m, 1630m, 1631m,

CL

5/19/18

Dred

- 193/00 Erythromae back to trans 043
- 3340 Astangia
- 3530 fish
- 3600 black star
- 3700 Cliona
- 3720 fish (198)
- 3830 very solid rock on sand ^{mineral}
- 4151 ^{CL} still has an s ad, not yet sancted, 100 grand it's Buzzone
- 4600 sponge next ← Cliona, D. leucodora, fish, piece of Halictia, dirt ^{fish}
- 4730 ⁱⁿ byzantine hydro
- 5070 black star Cliona tubes
- 5800 Dred 01-5
- 20045 ? red crustacean algae (rubra?)
- 0204 Cliona, halictia
- 0331 Cliona, Astangia, Cliona
- 067 Halictia?, green Cliona
- 141000 Hemera, Halictia, pink/orange crustacean algae
- 1525 limy vermetus, bush byzantine
- 1703
- 2015/10 moving boat, off bottom
- 20305 stalked anemone? anemone
- CL, asteria shell
- 3713 Cliona in, feather worm (demon-looking)
- 4145 Astangia / Desmarestia on end
- 4850 Palmaria
- 5000 Astangia Cliona, rock?
- 5609 bushy byzantine
- 5801 ~~black star~~ 3 small greenish spiky, pink orange, ^{red}
- 2100 anemone in dem looking
- 20510 Worm tubes, sponges
- 0815 Didemnum?, brown orange spiky
- 1434 byzantine sponges?, Astangia
- 1515 Astangia (274), Cliona

2

CC

5/9/18

Dre 81

Canon ParaShot 6V

- 1829 Ciana - like ~~egg~~ Sangguta like egg (orange) good
 2244 yellow spore - what? a little more protection
 3830 Katerina - target? (Adm)
 3440 spore Handed, Ash Spore, many fast
 4740 Ciana
 4903 anemone, Cantagiet
 5155 byes, calbade up egg, nass, 5 Ciana
 5641 oriented boulder (red) / Cumanide boulder
 6240 new finger / Achyros
 22007 Astrengia under boulder / Ciana
 0158 anemone, byes
 0305 trying to get closer to hydrozoans
 Desmoneira, hydroid, Heteridia
 2215 Ciana
 Summary Disc 1 - 170519 - 190635 \Rightarrow 12036
 Disc 2 - 192822 - 212907 \Rightarrow 12
 Disc 3

includes disc \rightarrow Total:

+ the other 4 discs precluded

Final pic 447 - Final Pic 377 \rightarrow 70 pics

To return \leftarrow orange / brown sponges
 dull yellow spore
 hydroids
 byes
 target
 rock nass
 647 Anemones

3

CC

285/75m

Zones

6

Dico2

NB65

5/20/18

Dive 2 - 001

11 50³⁴

gravel, shell some C. fern, brachyopod (1), coarse Siderite nearby
 Card-like brown calcareous druse-like 448 stars
 hydroids? small to large (small), tufted, Cliona

12 010³⁰

anemones 1st sit

- hermit crab, Dileucostera

110³¹

moving down

1415

- Cliona, Haliotis

1630

Haliotis probably after anemone

- moon snail apogon, C. ferulacea

- large red algae

- hydroid colony

3444

hydroid/hydroid (tubular?) 200

4444

Macoma shell?

5844

none

2653

hard fin longer

Dico2-6

5008

mangrove egg

5611

Cliona

5700

Base of corals/Erinaceidae

0238

calling down, fishes out box, solved problem characterized
 plant at bottom

~~15000~~

Dico 3-1

SB71

Note entry (cc)

152030

160346

getting set-up for transect

0710

L. b. d.

transition, boulder by boulder

hydroids, gravel

1100

hydroids, hydroids,

algae, Corals

1415

macrofauna

difficult C. ferulacea

Dico 3-3

1411

seams

4

5/20/18

Die 3 cont'd.

- 2311 macroalgae SPT
- 2476 macroalgae, rocky
- 2913 dark red part, rocky
- 3136 maddy on
- 3421 rocky
- 4059 mossy, light
- 4730 sea urchin
- 5254 ~~macroalgae~~
- 4420 stone / ~~light~~ F-budae
- 0090 settled down, C-formate, baradles
- 0130 fish
- 0322 ~~gryllid~~

processed
 3 no Mar file cardie
 4 + med. exp. dist. 6TB
 but no data is available

Die 4 - SB56 77m RC 674

- 1930 bottom
- 1127 ~~gryllid~~ bottom
- ~~1930~~ Astrangia on boulder

2000 Science

Die 4

- 2501 hyperb. long member, Didemnum -
- anemone on, long member, etc.
- tan long or BS BS

3372

344

4000

4070

4350

4600

4915

Die 05 - SB56

3038

4015

410

4412

- starting lot 3
- bottom, bc
- Larymora, fish
- Atl. purple sea urchin (x2)

CC

5/29/10

Dre 85

- 5105 *Dendium? coral miscol shells* red ~~off~~ *off* coral
 5953 *barrocos? byzans? crawling*
 230426 many
 6050 *thin coral*
 1224 ~~1500~~ *1500? 2 segments? with unchiseled 5, 10, 15, 20*
 2633 *many again, Doleman again, L. 5, 10, 15, 20*
 2840 *arenaceous* ~~← gone~~ *as in SE 85*
 3050 *ameres, 5, 10, 15, 20, nudibranh*
 3450 *n*
 3650
 3750 *hate-like fish coral shrimp*
 shrimp
 sponge
 00940 *more nudibranh stalks*
 nudibranh - litogry, cylindrical
 1029 *Clona atad* ~~← transition?~~ *End of Dre*

Disc

14/12/30 ~~← the~~ *perce stopped on vid, 100, 100, 100*
 11/148 to 12/148 to

ll
 [Dive 07] 9866

5/21/18

151003 notes start
 2983 bottom 60m
 3004 29m
 3318 strong current
 3840 sea robins
 4218 highly fluorescent, Jacob Creek
 4301 high density of fish
 5155 lobster ↑
 5200 possible Cidaris
 59201 Clione
 Clione + d. d. d.
 16920 Sculp
 1703 Skate
 1623 Sculp feeding on bottom ~51m end 1621

[Dive 08] feather issue
 Continue to Dive 08 NB44F-2

2514 Start of work
 3008 bottom 98m, looking current 1622
 3735 encrusting org? sponge moving to West
 4407 Skate egg case
 4835 mac to boulder
 4838 moving to new spot
 4909 family up off bottom
 49 Flander
 17230

CC

(5/22/8)

Labrador, near the shore

Dive 10

SB39 (starting @ SB39-d, sta @ 1629)

120659

Start here, on bottom

0857

sand, many small stones w/ small shell pieces

behind the rock

Lid. in under ROV

1708

nearby

humidity, fine sand

2501

100m sand, Lid. in

Se. side

bagging out over sea side

4501

Flender

4900

humidity, organic matter

shell high in sand, many

FSH

5046

still humidity, sand, org. matter, in

105900

FSH, sand, pil. or core

drift, tested

mean, 1' sampling

W3 is pretty, rocky, 2.5

132305

making very many sand, and

very

Dive 10 MB20 close MB20-mid/

151921

clay, vermes, C. formata, red, etc

4600

end of Lid. in

1740

160150 Vane + C. formata

170500

FSH, etc

17007

FSH, drag, boulder, C. formata, boulder, by, etc

in, boulder

Due 11 SB37

2230 organic matter, anemorep, clam (what kind?), lamellae

Chimborazo → nolesas

2840 heading out to 1st ptr

learning about 5 spot

3549 Caryophyllaceae ~~Lythrum~~ Lythrum roseum!

ham + aab 5

Libra X2

hate, in Cifarn

gravel

3610

mac course by log Campbell
in that

redhake

Red / Lakantse

+ roughs up debts

46 34

5025 rachate } trough
L. larva }

L. Palmer

5946 *Caryocarpa* hand over,

23d/50 top of the sandstone

2322 Endot, Cany Memphis

3001 and of Longmire again

CC

5/23/18

Die 12 SB45-1

~~Kotters~~

- 101842 nets started down - botny can.
- 2443 moving towards boulder from W. of SB45-1
- 2553
- 3148 @ SB45-1, leading down transect to boulder
- 3451 found boulder fragments
very gracile, still high
Orange sponge
metroidium
- 5400 leucis top, Caprellid behind Cliona tubularis
among Cliona, Tubularia
- 5600 Fish
- 110009 Caprellid + crustacean tubularis
Didemnum stylodonta
- 0530 possible pycnogonid
- 5707 Deep amphipod
- 121710 white sponges
grubby, tubularis w/ sponge
- 122503 ending line, recovery row

CC

5/23/18



NB 24

- 1646 07 Shallow water
Crepidula 4th water
ENE of shipwreck
Sudicoceras shell
1653 Mediterranean wreck
Not identified more common
170843 Hamsters, getting scarier wreck, still high currents
170844 J. B. C. C.
1750 Hamsters
1751 Hamsters
1817 C. B. C.
2110 very large snail, very small, NE of wreck
more in sand
2640 D. B. C.
3723 mid Bell C. B.
180713 A. B. C.
0813 C. B.
1222 C. B. C.
181930 because +