

CCE-P1106 DAILY ACTIVITY SCHEDULE

17 June

0800 Depart MarFac, calibrate multi-freq acoustics
1030 End acoustics calibration, transit
1500 Test station (TM-rosette, CTD/UVP, MOCNESS, MVP)
2100 Transit to study area

18 June

1300 MVP front survey

19 June – Transect sampling #1

0000 Oozeki trawls, fish acoustics, etc.
2000 Cross-front transect sampling #1 (UP-Front #1/B-Front)

20 June – SeaSoar survey #1

0500 End front transect #1
0800 Repair EK60 Sonar pole
1630 Begin SeaSoar survey #1

23 June

0700 End SeaSoar survey #1
0800 Recover SeaSoar
1030 Test MVP system
1100 Transit to study site, 34.04°N, 121.7°W
1330 CTD, 1000 m
1430 MVP front crossing(s)
1800 Reposition pole-mounted acoustics
2000 Oozeki trawl

24 June – Experimental Cycle #1 (central front jet)

0000 Sediment trap deployment, begin CYCLE 1
0100 Wirewalker deployment
0200 CTD cast, CYC 1-1
0300 TM cast, experiments
0430 Deploy drift array #1
0500 CTD, thorium
0600 TM cast, experiments
0930 Net tow, Bongo, gut fluor
1030 CTD, 14C-PP, biooptics
1130 MOCNESS
1700 Bongo live tows
1800 McLane pump, C:thorium
1900 TM cast
2000 Oozeki trawl
2300 Zooplankton net tow, Bongo, gut fluor

25 June

0000 MOCNESS
0200 CTD cast, CYC 1-2
0300 TM cast, experiments
0430 Recover #1/deploy drift array #2

0600 TM cast, experiments
0930 Zooplankton net tow, Bongo, gut fluor
1030 CTD, 14C-PP, biooptics
1130 MOCNESS
1400 Oozeki trawl
1700 Bongo live tows
1800 McLane pump, C:thorium
1900 Ring net, plankton isotope size-fractions
2000 Oozeki trawl
2300 Zooplankton net tow, Bongo, gut fluor

26 June

0000 MOCNESS
0300 CTD, CYC 1-3 end
0400 TM cast
0500 Recover drift array #2
0700 Recover sediment trap array
0900 Recover wirewalker

27 June – Experimental Cycle #2 (oceanic/west side)

0000 Sediment trap deployment, begin CYCLE 2
0100 Wirewalker deployment
0200 CTD cast, CYC 2-1
0300 TM cast, experiments
0430 Deploy drift array #53
0500 CTD, thorium
0600 TM cast, experiments
0700 Ring net, plankton isotope size-fractions
0830 Bongo live tows
0930 Bongo, Zooplankton net tow, gut fluor
1030 CTD, 14C-PP, biooptics
1130 MOCNESS
1400 Oozeki trawl
1800 McLane pump, C:thorium
1900 CTD, full dilution, zoopl experiments
2100 Bongo, Zooplankton net tow, gut fluor
2300 MOCNESS

28 June

0100 CTD, Zoopl experiments
0200 CTD cast, CYC 2-2
0300 TM cast, experiments
0430 Recover #53/deploy drift array #54
0600 TM cast, experiments
0730 Acoustic pole deployment
0830 Bongo live tows
0930 Bongo, Zooplankton net tow, gut fluor
1030 CTD, 14C-PP, biooptics
1130 MOCNESS
1400 Oozeki trawl
2000 Bongo, Zooplankton net tow, gut fluor
2100 MOCNESS

2330 Oozeki trawl

29 June

0300 CTD, CYC 2-3 end
0400 TM cast
0500 Recover drift array #54
0730 Recover sediment trap array
0900 Recover wirewalker

30 June – Experimental Cycle #3 (coastal/east side)

0000 Sediment trap deployment, begin CYCLE 3
0100 Wirewalker deployment
0200 CTD cast, CYC 3-1
0300 TM cast, experiments
0430 Deploy drift array #55
0500 CTD, thorium
0600 TM cast, experiments
0700 Ring net, plankton isotope size-fractions
0830 Bongo live tows
0930 Bongo, Zooplankton net tow, gut fluor
1030 CTD, 14C-PP, biooptics
1130 MOCNESS
1400 Oozeki trawl
1800 McLane pump, C:thorium
1900 CTD, full dilution, zoopl experiments
2100 Bongo, Zooplankton net tow, gut fluor
2300 MOCNESS

1 July

0100 CTD, Zoopl experiments
0200 CTD cast, CYC 3-2
0300 TM cast, experiments
0430 Recover #55/deploy drift array #56
0600 TM cast, experiments
0700 Ring net, plankton isotope size-fractions
0830 Bongo live tows
0930 Bongo, Zooplankton net tow, gut fluor
1030 CTD, 14C-PP, biooptics
1130 MOCNESS
1400 Oozeki trawl
1800 McLane pump, C:thorium
2000 Bongo, Zooplankton net tow, gut fluor
2100 MOCNESS
2330 Oozeki trawl

2 July – Transect sampling #2

0300 CTD, CYC 3-3 end
0400 TM cast
0500 Recover drift array #56
0730 Recover sediment trap array
0900 Recover wirewalker
0930 Transit north to

2000 Begin Transect sampling #2 (UP-2/C-Front)

3 July – Seasoar Survey #2

0700 End Transect #2

1200 Deploy Seasoar

5 July

1000 Recover & repair Seasoar

1400 Redeploy & resume Seasoar survey

6 July

1400 Recover Seasoar

1600 Transit north to study site

7 July – Experimental Cycle #4 (coastal/east side)

0000 Sediment trap deployment, begin CYCLE 4

0100 Wirewalker deployment

0200 CTD cast, CYC 4-1

0300 TM cast, experiments

0430 Deploy drift array #57

0500 CTD, thorium

0600 TM cast, experiments

0700 Ring net, plankton isotope size-fractions

0830 Bongo live tows

0930 Bongo, Zooplankton net tow, gut fluor

1030 CTD, 14C-PP, biooptics

1130 MOCNESS

1400 Oozeki trawl

1800 McLane pump, C:thorium

1900 CTD, full dilution, zoopl experiments

2100 Bongo, Zooplankton net tow, gut fluor

2300 MOCNESS

8 July

0100 CTD, Zoopl experiments

0200 CTD cast, CYC 4-2

0300 TM cast, experiments

0430 Recover #57/deploy drift array #58

0600 TM cast, experiments

0700 Ring net, plankton isotope size-fractions

0830 Bongo live tows

0930 Bongo, Zooplankton net tow, gut fluor

1030 CTD, 14C-PP, biooptics

1130 MOCNESS

1400 Oozeki trawl

1800 McLane pump, C:thorium

2000 Bongo, Zooplankton net tow, gut fluor

2100 MOCNESS

2330 Oozeki trawl

9 July

0300 CTD, CYC 4-3 end

0400 TM cast
0500 Recover drift array #58
0730 Recover sediment trap array
0900 Recover wirewalker

10 July – Experimental Cycle #5 (oceanic/west side)

0000 Sediment trap deployment, begin CYCLE 5
0200 CTD cast, CYC 5-1
0430 Deploy drift array #59
0500 CTD, thorium
0600 TM cast, experiments
0700 Ring net, plankton isotope size-fractions
0830 Bongo live tows
0930 Bongo, Zooplankton net tow, gut fluor
1030 CTD, 14C-PP, biooptics
1130 MOCNESS
1400 Oozeki trawl
1800 McLane pump, C:thorium
1900 CTD, full dilution, zoopl experiments
2100 Bongo, Zooplankton net tow, gut fluor
2300 MOCNESS

11 July

0100 CTD, Zoopl experiments
0200 CTD cast, CYC 5-2
0300 GoFlo cast, experiments
0430 Recover #59/deploy drift array #60
0600 GoFlo cast, experiments
0700 Ring net, plankton isotope size-fractions
0830 Bongo live tows
0930 Bongo, Zooplankton net tow, gut fluor
1030 CTD, 14C-PP, biooptics
1130 MOCNESS
1400 Oozeki trawl
2100 Bongo, Zooplankton net tow, gut fluor
2145 MOCNESS
2330 Oozeki trawl

12 July

0300 CTD (1000 m), CYC 5-3 end
0400 GoFlo cast
0500 Recover drift array #60
0730 Recover sediment trap array
0830 Leave area to South for HARMEX “live fire”

13 July – Experimental Cycle #6 (central front jet)

0000 MVP survey to front site
0330 Sediment trap deployment, begin CYCLE 6
0400 CTD cast, CYC 6-1
0500 GoFlo cast, experiments
0600 Deploy drift array #61
0630 CTD, thorium

0700 GoFlo cast, experiments
0730 Bongo live tows
0830 Bongo, Zooplankton net tow, gut fluor
0930 CTD, 14C-PP, biooptics
1000 VACATE AREA TO NORTH FOR HARMEX "Live Fire"
2100 Bongo, Zooplankton net tow, gut fluor
2300 MOCNESS

14 July

0100 Zoopl experiments
0200 CTD cast, CYC 6-2
0300 GoFlo cast, experiments
0430 Recover #61/deploy drift array #62
0600 GoFlo cast, experiments
0700 Ring net, plankton isotope size-fractions
0830 Bongo live tows
0930 Bongo, Zooplankton net tow, gut fluor
1030 CTD, 14C-PP, biooptics
1130 MOCNESS
1400 Oozeki trawl
1800 McLane pump, C:thorium
2100 Bongo, Zooplankton net tow, gut fluor
2145 MOCNESS
2330 Oozeki trawl

15 July – Transect #3

0300 CTD, CYC 6-3 end
0400 GoFlo cast
0500 Recover drift array #62
0730 Recover sediment trap array
0830 Live bongo tow (zoopl experiments)
0930 Redeploy acoustic pole
1030 Transist to MVP survey site
1400 MVP survey
2000 Begin Transect sampling #3 (UP-3/D-Front)

16 July

0700 End Transect #3
0900 Opportunity sampling

17 July

0700 Return to MarFac