

Feeding/Food Prep Certification



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It is the mission of the South Carolina Aquarium (SCA) Dive Team to provide excellence in animal care and husbandry, to actively support both the educational and conservation endeavors of the SCA, and to provide a memorable, positive guest experience to all those who visit our facility.

Training Schedule

- Power Point Presentation
- Quiz
- Assisting with Food Prep

Food Prep



Cleanliness

- Always leave your work station cleaner than when you found it
- Cleanliness is important when working with raw foods
- All equipment must be thoroughly cleaned, using a liberal amount of disinfectant.
- Should you have any open cuts on your hands you may want to use latex gloves
- Hands should be thoroughly washed when finished preparing food
- At present, an aquarist will provide the next day's breakout for the GOT
- Feed buckets, and utensils must be cleaned and returned to their storage space. Put all waste in the trashcans except for recyclable boxes which will be removed by staff at the end of the day.

Food Prep



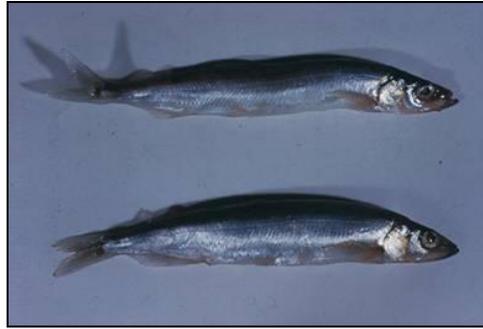
Types of Food

- Shrimp (5 lb blocks)
- Squid (5 lb blocks)
- Mackerel (Large and Mini)
- Capelin (21 lb blocks)
- Salmon
- Smelt (10 lb. boxes)
- Krill
- Mysis
- Collards/Lettuces
- Gel Food

Types of Food



Smelt



Capelin



Collards

- Shrimp (5 lb blocks)
- Mysis



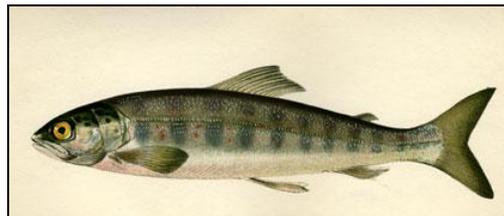
Krill



Gel Food



Mackerel



Salmon



Squid (5 lb blocks)

Weighing the Food

- **How to use the scale**
 - Choose units (lb/kg)
 - Put empty container on scale
 - Press zero button
 - Add food until you reach the desired amount
- **Pounds vs Kilograms**
 - 2.2 lbs = 1 Kg

Making Gel Food

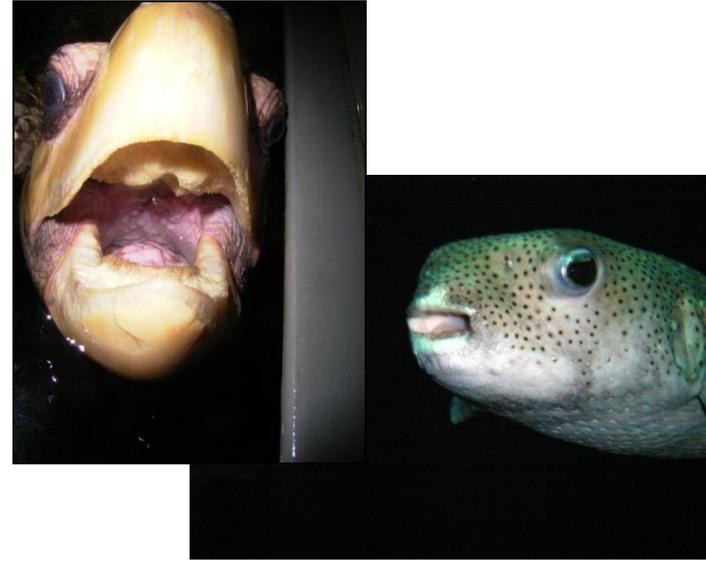
Made twice weekly

Item	Weight (gm)
Omnivore	1275
Fish (normally smelt)	1700
Squid (internals removed)	850
Shrimp (tails removed)	850
Greens (collards, spinach)	430
Carrots	430
Gelatin (Knox)	1000
Water	7000/1400
Spirolina	3 Tbs
Kelp Meal	3 Tbs
Beta Meal	3 Tbs
Vitamin C	12 gms (0.5 Tbs)
Vitamin B-126	1000 mg tabs



Things to REMEMBER

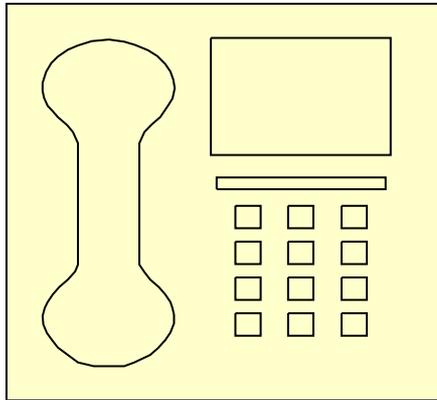
- Basic Rule: It must fit in fish's mouth
- Never wear a wetsuit into Food Prep



- Once food leaves food prep, it should be used or thrown away, **never put back into the fridge**

Accidents or Injuries

- Report immediately to Guest Services, or a staff member
- Also report to Dive Safety Officer



... to the GOT

- Use only the cart marked GOT
- Cart must be cleaned at the end of the day
- Do not take the cart into food prep



Feeding

- Broadcast
- Drop Buckets
- Surface Target Feed
 - Cobia
 - Tripletail
 - Tarpon
 - Barracuda
- Specialized target Species
 - Eels
 - Sharks
 - Turtle

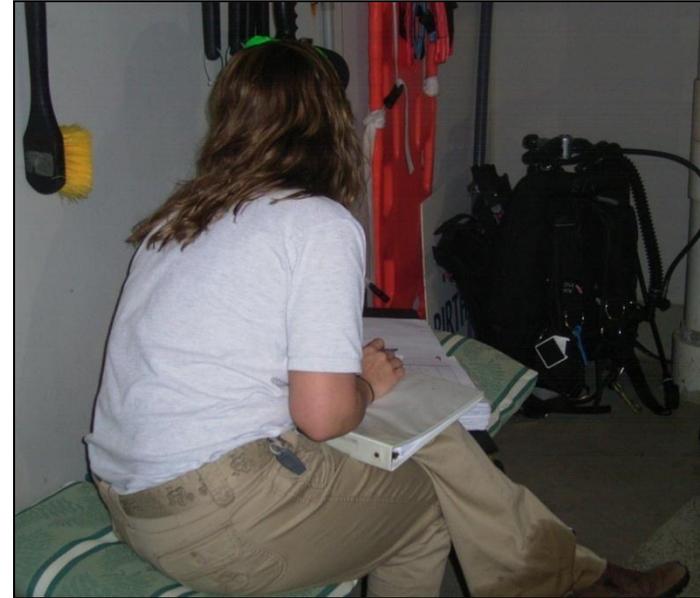
Paperwork

- Feed log

DATE: 2/20/06
Name: J. Hoover

GOT FISH Feed LOG (check off species you fed)

- Amberjack
- Belted Sandfish
- Black Drum
- Black Sea Bass
- Bullnose Ray
- Cobia
- Crevalle Jack
- Cubera Snapper
- Grey Snapper
- Gray Triggerfish
- Gag Grouper
- Green Moray Eel (Can be fed in tubes)
- Horse-Eye Jack
- Loggerhead turtle (feed on surface with tongs only)
- Mutton Snapper
- Mahi
- Nurse Shark (Do not feed)
- Permit
- Pinfish
- Pompano
- Porcupinefish
- Porkfish
- Red Drum
- Red Grouper
- Sandbar Shark (Do not feed)
- Sand Tiger Shark (Do not feed)
- Sheepshead
- Slippery Dick Wrasse
- Snook
- Spottail Pinfish
- Squirrelfish
- Tomtate
- Yellowtail Snapper



Broadcast Feeding

- This is for the big fish
- Most of the food for this will be whole
- Simultaneous broadcast during show feed to pull the more aggressive fish from the underwater show feed to the surface
- Toss in a small amount at a time to make it last longer

Broadcast Feeding



Drop Buckets

- Fish are fed underwater by using strategically placed buckets
- Buckets are lowered in front of the big window and along the back wall



Eel Feeding

- Fed in the eel tubes
- One mackerel in the pvc pipe
- Remove any remaining mackerel at beginning of day
- Add a new mackerel at end of day
- Record Feeding on feed log

Surface Target Feeding

- Cobia
- Barracuda
- Tripletail
- Tarpon

*These are all fed from the surface with short tongs

Shark Feeding

- Fed on Monday/Wednesday/Friday after the divers are done for the day
- Fed on by Aquarium staff unless specifically authorized

Feeding the Sharks



