CATALOG OF SURFACE AND UNDERWATER BEHAVIORS OF ATLANTIC SPOTTED DOLPHINS.

This catalog is a list of the many different behavior units observed from Atlantic spotted dolphins (*Stenella frontalis*). These behaviors are not mutually exclusive to the different behavioral activities. Behavioral activities were described and defined during this study and include: social (aggressive and affiliative), travel, forage, play (with or without object(s)), and inquisitive (see chapter III). Social activities are subdivided into two categories: large-group social activity and small-group social activity. See Chapter III for a detailed discussion of this behavior catalog.

DEFINITION CODES

| <u>CODE</u> | <u>NAME</u> | <u>DESCRIPTION</u> |
|-------------|--------------|---|
| BEL | BELLY | VENTRAL SIDE OF DOLPHIN FROM FLIPPER TO GENITAL SLIT |
| BLH | BLOWHOLE | NOSTRIL IN THE TOP OF THE DOLPHIN'S HEAD |
| CLF | CALF | CLASS 1, ATLANTIC SPOTTED DOLPHIN |
| CHT | CHEST | VENTRAL AREA BETWEEN PECTORAL FINS |
| DOR | DORSAL SIDE | THE BACK OF A DOLPHIN WHERE DORSAL FIN EMERGES |
| ERE | ERECTION | THE TURGID, FIRM & ERECT POSITION OF A DOLPHIN PENIS |
| EYE | EYE | THE EYE AND AREA JUST ADJACENT TO THE EYE |
| FAC | FACE | AREA BETWEEN THE POSTERIOR END OF ROSTRUM & THE EYE |
| FLU | FLUKES | THE FINS ON THE END OF THE PEDUNCLE OR THE TAIL |
| GEN | GENITAL | GENITAL AREA OR THE ACTUAL, NORMALLY RECEDED SEXUAL ORGANS |
| JAW | JAW | REFERS TO VENTRAL PORTION OF ROSTRUM |
| JUV | JUVENILE | CLASS 2 AND 3, ATLANTIC SPOTTED DOLPHINS |
| KEE | KEEL | VENTRAL SIDE OF PENDUNCLE |
| LAT | LATERAL SIDE | SIDE OF DOLPHIN'S BODY |
| MAD | MATURE ADUL | T CLASS 4 AND 5, ATLANTIC SPOTTED DOLPHINS |
| MLN | MELON | AREA ON DOLPHIN'S HEAD WHICH CONTAINS FATTY TISSUE (i.e., forehead) |
| PDL | PEDUNCLE | TAIL STOCK FROM GENITAL SLIT TO BEGINNING OF FLUKES |
| PEN | PENIS | MALE GENITALIA |
| RES | RESPIRATION | BREATHS |
| ROS | ROSTRUM | DOLPHIN'S BEAK |
| VEN | VENTRAL | THE UNDERSIDE OF THE DOLPHIN |
| | | |
| | | DEFINITION CODES continued. |
| CODE | NAME | DESCRIPTION |
| GRP | GROUP | **DEFINED AS A NUMBER OF DOLPHINS SEEN DURING AN ENCOUNTER OR |
| | | SIGHTING** |
| | | EACH GROUP MAY CONTAIN DOLPHINS IN SUBGROUPS AT DISTANCES |
| | | GREATER THAN DISTANCES BETWEEN DOLPHINS WITHIN THE SUBGROUPS |
| SEQ | SEQUENCE | SEVERAL OCCURRENCES OF THE SAME BEHAVIOR IN SUCCESSION |

| | X | BAD OBSERVATION | FOCAL ANIMAL(S) NOT | ΓIN VIEW; | EITHER | ON VIDEO | OR IN RE | AL TIME |
|-------|---------------|---------------------------|---------------------|-----------|---------|----------|--------------|--|
| AGE A | ND SPOT CLASS | ES OF SPOTTED DOLPHIN | NS | | SWIMM | ING SPEE | DS | |
| CL1 | CLASS 1 "NEON | NATE" - GRAY & IVORY CO | LORATION | BSW | BLAST | SWIM | SWIFT I | BURST OF SPEED (e.g., >6MPH) |
| CL2 | CLASS 2 "TWO- | TONE" - DARK ABOVE/LIG | HT BELOW | | | | PRECEI | DED BY SLOW SWIM/NON-MVT |
| CL3 | CLASS 3 "SPEC | KLED" - COUNTERSHADED |); FEW SPOTS CSW | CRUISI | NG SWIM | I STEADY | SWIMMI | NG AT A MODERATE |
| CL4 | CLASS 4 "MOT | TLED" - SPOTTED ALL OVE | R | | | SPEED | (e.g., 2.0-2 | |
| CL5 | CLASS 5 "FUSE | D" - SPOTS ARE IN FUSED I | PATTERNS | FSW | FAST S | WIM | FAST SV | WIMMING (e.g., 4-4.9MPH) OF DOLPHIN(S) IN A GIVEN DIRECTION |
| | | | | | SSW | SLOW SW | IM | SLOW MOVEMENT (e.g.,1-1.9 MPH) IN A GIVEN DIR. |

POSITIONING OF INDIVIDUALS AND GROUPS

| BUP BELLY UP BELLY FULLY EXPOSED TO SURFACE OF WATER (ventral on surface) FDO FLUKE DOWN FLUKES ARE POINTED DOWN WITH RESPECT TO THE BODY FLX FLEXING HEAD AND TAIL MOVEMENTS CONCAVE AND CONVEX, ALTERNATELY FUP FLUKE UP DORSAL SURFACE & TRAILING EDGE OF FLUKES ARE POINTED UP WITH | SINGLE INDIVI | IDUAL <u>NAME</u> | DESCRIPTION |
|---|---------------|-----------------------------------|---|
| RESPECT TO THE BODY | FDO FLX | FLUKE DOWN FLEXING FLUKE UP | FLUKES ARE POINTED DOWN WITH RESPECT TO THE BODY HEAD AND TAIL MOVEMENTS CONCAVE AND CONVEX, ALTERNATELY DORSAL SURFACE & TRAILING EDGE OF FLUKES ARE POINTED UP WITH |

POSITIONING OF INDIVIDUALS AND GROUPS

| SINGLE INDIVIDUAL | | | |
|-------------------|-----------------|---|--|
| CODE | <u>NAME</u> | <u>DESCRIPTION</u> | |
| HFD | HEAD & | HEAD & FLUKES POINTING DOWN WITH RESPECT TO THE BODY | |
| | FLUKE DOWN | | |
| HFU | HEAD & | HEAD & FLUKE POINTING UP WITH RESPECT TO THE BODY | |
| | FLUKE UP | | |
| HSF | HUMPING SURFACE | SNAGGING AT SURFACE: MOVING DORSAL AREA IN & OUT OF THE WATER | |
| HDO | HEAD DOWN | HEAD POSITIONED DOWN WITH RESPECT TO THE BODY | |
| HUP | HEAD UP | HEAD POINTED UP WITH RESPECT TO THE BODY | |
| LOB | LYING ON BOTTOM | LYING FLAT ON THE SEA FLOOR | |
| | | | |

| OSD RST SNK SKD SOM | REST SINK SINK DOWN | N SWIMMING, TURNS BODY ONSIDE (eye to surface) WHILE MOVING DOLPHINS STATIONARY AT SURFACE IN HORIZONTAL POSITION SLOWLY MOVE DEEPER IN WATER COLUMN, ANY POSITION VERTICAL ORIENTATION, BBS OR BBR RELEASED-FOLLOW TO SURFACE VARD FLIP UNDERWATER |
|----------------------------------|---|--|
| SPY | SPY HOP | MOVE HEAD UP AND OUT OF WATER TO PECS THEN RETRACE PATH AND |
| | RE-El | NTER WATER |
| SSF | SUB-SURFACE HANG | GING (any position but vertical) IN WATER COLUMN |
| | FLOAT | |
| SUS | SUSPENDED SWIM | DOLPHIN UNDERWATER IN VERTICAL POSITION; SUSPENDED IN WATER; |
| VTU | VENTRAL SIDE UP | POSITION OF BODY IS VENTRUM UP, DOLPHIN HORIZONTAL & UPSIDE DOWN |
| | | |
| 2 OR MORE D | OLPHINS | |
| 2 OR MORE DO CODE | OLPHINS NAME | <u>DESCRIPTION</u> |
| | = | <u>DESCRIPTION</u> ANIMALS IN SAME ORIENTATION & SIDE BY SIDE (usually less than 0.5 |
| <u>CODE</u> | NAME | |
| <u>CODE</u> | <u>NAME</u> ABREAST | ANIMALS IN SAME ORIENTATION & SIDE BY SIDE (usually less than 0.5 |
| <u>CODE</u> ABR | NAME ABREAST AHEAD AHEA | ANIMALS IN SAME ORIENTATION & SIDE BY SIDE (usually less than 0.5 body lengths staggered and within 1 to 2 body widths) |
| <u>CODE</u> ABR | NAME ABREAST AHEAD AHEA OTHE | ANIMALS IN SAME ORIENTATION & SIDE BY SIDE (usually less than 0.5 body lengths staggered and within 1 to 2 body widths) AD OF OTHER DOLPHIN, IN SAME PLANE BUT TO LEFT OR RIGHT OF |
| CODE ABR AHD | NAME ABREAST AHEAD AHEA OTHE | ANIMALS IN SAME ORIENTATION & SIDE BY SIDE (usually less than 0.5 body lengths staggered and within 1 to 2 body widths) AD OF OTHER DOLPHIN, IN SAME PLANE BUT TO LEFT OR RIGHT OF CR'S ROSTRUM DOLPHIN'S BODY CONTACTS SLIGHTLY DIAGONALLY ON TOP OF |
| CODE ABR AHD | NAME ABREAST AHEAD OTHE BODY CONTACT ONE ANO | ANIMALS IN SAME ORIENTATION & SIDE BY SIDE (usually less than 0.5 body lengths staggered and within 1 to 2 body widths) AD OF OTHER DOLPHIN, IN SAME PLANE BUT TO LEFT OR RIGHT OF CR'S ROSTRUM DOLPHIN'S BODY CONTACTS SLIGHTLY DIAGONALLY ON TOP OF |
| CODE ABR AHD BCP | NAME ABREAST AHEAD OTHE BODY CONTACT ONE ANO | ANIMALS IN SAME ORIENTATION & SIDE BY SIDE (usually less than 0.5 body lengths staggered and within 1 to 2 body widths) AD OF OTHER DOLPHIN, IN SAME PLANE BUT TO LEFT OR RIGHT OF ER'S ROSTRUM DOLPHIN'S BODY CONTACTS SLIGHTLY DIAGONALLY ON TOP OF THER |
| CODE ABR AHD BCP BHD | NAME ABREAST AHEAD OTHE BODY CONTACT ONE ANO BEHIND BEHI | ANIMALS IN SAME ORIENTATION & SIDE BY SIDE (usually less than 0.5 body lengths staggered and within 1 to 2 body widths) AD OF OTHER DOLPHIN, IN SAME PLANE BUT TO LEFT OR RIGHT OF ER'S ROSTRUM DOLPHIN'S BODY CONTACTS SLIGHTLY DIAGONALLY ON TOP OF THER ND OTHER, IN SAME PLANE |

POSITIONING OF INDIVIDUALS AND GROUPS CONTINUED

2 OR MORE DOLPHINS

| 2 OR MORE DOLPHINS | | | |
|--------------------|---------------------|--|--|
| <u>CODE</u> | <u>NAME</u> | <u>DESCRIPTION</u> | |
| CTP | CONTACT POSITION | PECTORAL FIN OF ONE DOLPHIN PLACED ON LATERAL OF ANOTHER, NO | |
| | | MOVEMENT | |
| HTH | HEAD TO HEAD DOLPHI | INS POSITIONED HEAD TO HEAD WITH RESPECT TO ONE ANOTHER | |
| MND | MEANDERING | DOLPHINS IN ORIENTED PARALLEL: REPEATED DIRECTION CHANGES, | |
| | | SLOW MVT | |
| MLL | MILLING | DOLPHINS IN A GROUP, CHANGE ORIENTATION W/ RESPECT TO EACH | |
| | OTHER, | SLOW MOVEMENT | |
| NXT | NEXT TO | DOLPHINS WITHIN 2 FEET OF EACH OTHER ANY ORIENTATION EXCEPT | |
| | PARALI | LEL OR PERPENDICULAR | |
| PAR | PARALLEL | DOLPHINS NEXT TO EACH OTHER WITH THE SAME BODY ORIENTATION | |
| PMS | STOPPED POSITION | NOT ACTIVELY MOVING | |
| PRP | PERPENDICULAR | ONE DOLPHIN BODY PERPENDICULAR TO ANOTHER DOLPHIN'S BODY | |
| | | | |

INFANT CODES NOTE: ADULT W/ CLASS 1 NOT ASSUMED TO BE MOTHER UNLESS CLASS 1 SEEN WITH ADULT ON MORE THAN 3 OCCASIONS OR SEEN NURSING FROM ADULT

| <u>CODE</u> | <u>NAME</u> | <u>DESCRIPTION</u> |
|-------------|-------------------------|---|
| MPN | MELON POSITION | ADULT'S MELON IN CONTACT WITH THE UNDERSIDE OF INFANT'S TAIL |
| | | REGION |
| NUR | NURSING | CALF IN POSITION NEAR MAMMARY SLITS WITH ROSTRUM NEAR/IN A SLIT |
| | | (NOT IMPLYING MILK TRANSFER) |
| PO | | Calf in front of adult |
| P2 | | Calf at adult's side (within 2 feet) |
| P3 | BABY POSITION Calf alon | ng side of adult from genital-flukes |
| P6 | | Calf under adult (other than genital-mammary orient) |
| P7 | | Calf dorsal to adult |
| P20 | | Adult-calf side by side, belly to belly |
| | | |

BEHAVIOR CODES

ACTIONS OF INDIVIDUAL DOLPHIN

| CODE | <u>NAME</u> | <u>DESCRIPTION</u> |
|------|------------------------|--|
| BRE | BREACH | ENTIRE BODY CLEARS WATER AND LANDS ON LATERAL SIDE OR BELLY AT |
| | | SURFACE |
| BRL | BARREL ROLL | ROLL BODY 360 DEGREES/STATIONARY |
| BTG | BOTTOM GRUBBING | INVERTED VERTICALLY; DOLPHIN ROSTRUM NEAR SEAFLOOR; DOLPHIN |
| | SLIGHT | TLY ROTATING PENDUNCLE FIRST AND HEAD FOLLOWS |
| CKW | CORKSCREW | BARREL ROLL WHILE IN FORWARD MOTION |
| DEF | DEFECATION | DOLPHIN IS POOPING |
| DRP | DROP | DROP OBJECT SUCH AS A FISH, SEAWEED, ETC. |
| FED | FEEDING | ANIMAL(S) FEEDING |
| FIK | BURY FLUKES DOLPH | IN ACTIVELY BURIES FLUKES IN SAND |
| | IN SAND | |
| FKS | FLUKE STAND DOLPH | IN VERTICAL W/ FLUKES TOUCHING SAND |
| FLS | FLUKE SLAP | SLAP FLUKES AT SURFACE OF WATER |
| FSS | FAST SURFACE ANIMA | L SURFACES FOR A QUICK BREATH, CAUSING A WAKE, AND DIVES |
| FTS | FISH TOSS | ANIMAL TOSSES FISH FROM MOUTH, USUALLY WITH TEETH GRASPING FISH |
| GAB | GLIDE ALONG DOLPH | IN GLIDES OVER SEAFLOOR, SWIMS SLOWLY ~1 FT ABOVE SAND |
| | BOTTOM | |
| HJD | HEAD JERK DOWN | SINGLE QUICK DELIBERATE MOVEMENT OF HEAD DOWN |
| HJE | HEAD JERK | SINGLE QUICK DELIBERATE MOVEMENT OF HEAD (to side or diagonally) |
| HJU | HEAD JERK UP SINGLE | E QUICK DELIBERATE MOVEMENT OF THE HEAD UP |

| HSC | HEAD SCANNING | MOVING HEAD LATERALLY SIDE TO SIDE (often seen during echolocation) |
|-----|----------------------|---|
| JCP | JAW CLAP | DOLPHIN OPENS & CLOSES JAWS |
| LPG | LEAPING | CLEARING WATER COMPLETELY, RE-ENTRY HEAD FIRST (usually two or |
| | | more successive leaps) |
| MTB | MULTIPLE BREATHS | SEVERAL BREATHS IN SUCCESSION DURING A SURFACING |
| PIU | PICK UP OBJECT DOLPH | IIN PICKS UP AN OBJECT W/ JAW OR PEC OR DORSAL FIN OR FLUKES |
| PJK | PEC JERK | MOVEMENT UP AND DOWN OF PECTORAL FIN |
| PPS | PORPOISE | DIVES OUT OF WATER AND BACK IN WITHOUT CLEARING SURFACE |
| RGD | REGULAR DIVE NO POI | RTION OF FLUKES OUT OF WATER WHEN DIVING, SLOWER THAN |
| | PORPO | ISING |
| RLL | ROLL | ROLLING OTHER THAN BARREL ROLL |
| ROO | ROOSTER STRUTDOLPH | IN W/ HEAD OUT OF WATER & JERKS IT BACK WHILE SWIMMING |
| RSM | MOVE | DOLPHIN HORIZONTAL AND MOVING HORIZONTALLY AT SURFACE |
| SRB | SAND RUBBING RUBBI | NG ALL/PART OF THE BODY IN THE SAND |
| STB | SWIM TO BOTTOM | DOLPHIN SWIMS TOWARDS SEA FLOOR AT 45° ANGLE OR MORE |
| TJK | TAIL JERK | TAIL MOVEMENT VERTICALLY OR LATERALLY |
| UTS | UP TO SURFACE DOLPH | IIN SWIMS TOWARDS SURFACE AT 45° ANGLE OR MORE |

INTERACTIONS BETWEEN 2 OR MORE DOLPHINS

USE ACTOR-BEHAVIOR-RECIPIENT FORMAT for all behavior codes with ****

CODE NAME DESCRIPTION

| CODE | NAME | DESCRIPTION |
|------|--------------------|---|
| APP | APPROACH | ONE ANIMAL APPROACHES ANOTHER AT CSW or SSW**** |
| ATK | CHASE & BITE ONE A | NIMAL CHASES AND BITES OR HITS ANOTHER**** |
| BOD | FULL BODY | DOLPHIN ROLLS OVER THE OTHER, WITH FULL BODY CONTACT**** |
| BSL | BODY SLAM | ONE DOLPHIN SLAMS ITS BODY INTO ANOTHER**** |
| BTB | BELLY TO BELLY | DOLPHINS SWIMMING BELLY TO BELLY |
| BTE | BITE | DOLPHIN BITES OR RAKES TEETH ON ANOTHER DOLPHIN**** |
| CCH | CIRCLE CHASE DOLPH | HINS CIRCLING EACH OTHER WHILE SWIMMING FAST |
| CHG | CHARGE | FAST-SPEED, DIRECT APPROACH TO ANOTHER DOLPHIN**** |
| CHS | CHASE ONE O | R MORE DOLPHINS SWIFTLY FOLLOWING OTHER DOLPHIN(S) |
| DEP | DEPART ONE D | OLPHIN DEPARTS ANOTHER MORE THAN 5 FEET**** |
| EXC | EXCHANGE | ONE DOLPHIN GIVES SOMETHING TO ANOTHER, E.G., FISH, SEAWEED**** |
| FGT | FIGHT | A CHASING, BITING, HITTING SEQUENCE BETWEEN 2 OR MORE DOLPHINS |
| FLW | FOLLOWING | ONE ANIMAL FOLLOWS ANOTHER ANIMAL**** |
| HHC | HEAD TO HEAD TWO D | OOLPHINS POSITIONED HEAD TO HEAD, CIRCLING ONE ANOTHER |
| | CIRCLING | |
| ITR | INTERRUPT | AN INTERACTION BETWEEN AT LEAST 2 DOLPHINS THAT IS DISTURBED BY |
| | | OTHER DOLPHIN(S) |
| KRB | PEDUNCLE RUB ONE D | OLPHIN RUBS ANOTHER'S BODY PART WITH ITS PEDUNCLE**** |
| NDG | NUDGING | ONE DOLPHIN PUSHES ROSTRUM ON ANOTHER DOLPHIN'S BODY PART**** |
| | | |

| PDD | PUSH DOWN | ONE DOLPHIN PUSHES ANOTHER DOLPHIN DOWN (usually w/ rostrum)**** |
|-----|-----------------|--|
| PET | PETTING | ONE DOLPHIN MOVES PEC FIN ALONG ANOTHER'S BODY PART**** |
| PLY | PLAY | PLAY W/ PEOPLE, W/ BUBBLES, W/ SEAWEED, W/ DOLPHINS, ETC |
| PRB | PETTING/RUBBING | CAN NOT TELL BETWEEN PET OR RUB |
| PUU | PUSH UP | ONE DOLPHIN PUSHES ANOTHER ONE UP (usually with rostrum)**** |
| RAM | RAM | ONE DOLPHIN HITS ANOTHER'S BODY WITH IT'S BODY AT FAST SPEED**** |
| RHT | ROSTRUM HIT | ONE DOLPHIN HITS ANOTHER DOLPHIN WITH ROSTRUM**** |

BEHAVIOR CODES continued

INTERACTIONS BETWEEN 2 OR MORE DOLPHINS

USE ACTOR-BEHAVIOR-RECIPIENT FORMAT for all behavior codes with ****

| COB HOLON BEIL | , | 1 joi ditt o citaritor codes with |
|----------------|-----------------------|--|
| CODE | NAME | <u>DESCRIPTION</u> |
| RUB | RUBBING | ONE DOLPHIN RUBS ITS BODY ON ANOTHER'S BODY W/ NO ACTIVE |
| | | MOVEMENT |
| RZZ | RECIPROCAL | DOLPHINS RUBBING ROSTRUMS AGAINST EACH OTHERS' BODIES |
| | NUZZLING | |
| SCK | FISH MOUTHING | MOUTHING FISH BUT NOT EATING FISH |
| | OR SNACKING | |
| SPT | SYNCH PETTING 2 INDIV | TDUALS PETTING ANOTHER (THIRD DOLPHIN) SIMULTANEOUSLY |
| SYB | SYNCH BREATHE | TWO OR MORE INDIVIDUALS SYNCHRONOUSLY SURFACE & BREATHE |
| THT | FLUKE HIT | ONE DOLPHIN HITS ANOTHER WITH ITS FLUKES |
| XXB | CROSS IN BACK OF | SPECIFY ACTOR & RECIPIENT |
| XXF | CROSS IN FRONT OF | SPECIFY ACTOR & RECIPIENT |
| XXO | CROSSOVER | SPECIFY ACTOR & RECIPIENT |
| XXU | CROSS UNDER | SPECIFY ACTOR & RECIPIENT |
| | | |

GENITAL-ORIENTED BEHAVIOR CODES

USE ACTOR-BEHAVIOR-RECIPIENT FORMAT for all behavior codes with ****

| <u>CODE</u> | <u>NAME</u> | <u>DESCRIPTION</u> | |
|-------------|---------------------------------|--|--|
| DSM | DORSAL MOUNT ONE DO | OLPHIN'S DORSAL FIN INTO GENITALS OF ANOTHER DOLPHIN | |
| EOR | ERECTION W/ PENIS | ORIENTED TOWARDS ANOTHER DOLPHIN OR OBJECT | |
| | DIRECTION | | |
| GOH | GENITAL TO HEAD | GENITAL ORIENTATION TOWARDS HEAD OF OTHER DOLPHIN | |
| GOS | GOOSE | ROSTRUM TO GENITAL BEHAVIOR BETWEEN TWO DOLPHINS | |
| GPS | GROUP-ON-ONE SEX | SEVERAL DOLPHINS SEXUALLY MOLEST A SINGLE DOLPHIN | |
| HRD | HERDING | MALE(S) PURSUE(S) FEMALE(S) SEXUALLY | |
| INT | INTROMISSION COPULATION SUCCESS | | |
| IVM | INVERTED MOUNT | MALE MOUNTING FEMALE FROM A VENTRAL UP POSITION | |
| MFG | MUTUAL FACE TO | DOLPHINS RUBBING FACE TO GENITALS ON EACH OTHER | |
| | GENITAL RUB | | |

| MNT MOUNT ONE DOLPHIN'S GENTTAL AREA TOUCHES ANOTHER'S GENTTAL AREA (no | MNT | MOUNT | ONE DOLPHIN'S GENITAL AREA TOUCHES ANOTHER'S GENITAL AREA (no |
|---|-----|-------|---|
|---|-----|-------|---|

intromission)

GENITAL-ORIENTED BEHAVIOR CODES continued

| NAME | <u>DESCRIPTION</u> |
|----------------------|--|
| MELON TO GENITALS | ONE DOLPHIN PUSHES MELON AGAINST GENITALS OF ANOTHER DOLPHIN |
| PEC MOUNT | ONE DOLPHIN PLACES PECTORAL FIN INTO OR AGAINST ANOTHER'S |
| | GENITAL SLIT |
| SOCIO-SEXUAL ACTIVIT | ΓΥ INVOLVING SEXUAL BEHAVIOR BEWTEEN ANY 2 INDIVIDUAL |
| DOLPHI | INS |
| SYNCH GOOSE | 2 INDIVIDUALS BEAK-GENITAL TO ANOTHER SIMULTANEOUSLY |
| SYNCH MOUNT 2 INDIV | IDUALS MOUNT ANOTHER SIMULTANEOUSLY |
| SYNCH ROLL OUT | 2 MALES SIMULTANEOUSLY ROLL VENTRALLY ON EITHER SIDE OF FEMALE |
| SYNCH SIDE PRESS | 2 MALE DOLPHINS SIDE PRESS A FEMALE SIMULTANEOUSLY |
| THRUST IN MOU | NTING, AN INDIVIDUAL THRUSTS BODY TO GENITALS OF ANOTHER |
| | |
| | MELON TO GENITALS PEC MOUNT SOCIO-SEXUAL ACTIVI' DOLPHI SYNCH GOOSE SYNCH MOUNT 2 INDIV SYNCH ROLL OUT SYNCH SIDE PRESS |

VOCALIZATION CODES

| <u>CODE</u> | <u>NAME</u> | <u>DESCRIPTION</u> |
|-------------|---------------------|---|
| BPS | BURST-PULSED | BURST-PULSED SOUND, broad-band frequency, short-duration |
| | SOUND | |
| CHP | CHIRP | FREQUENCY MODULATED TONE, with narrow bandwidth & short duration |
| ECC | CLICK TRAIN/ | SERIES OF PULSED SOUNDS, a fraction of a second for each click |
| | ECHOLOCATION | |
| POP | POP | POP-PULSE SOUND, when jaws come together forcefully or from melon |
| SCR | SCREAM | HIGH INTENSITY SEQUENCE, broad-band and varying duration |
| SQK | SQUAWK | "EFFORT-RELATED" PULSED SOUNDS, short duration & broad band |
| WHS | WHISTLE | NARROW RANGE, FREQUENCY-MODULATED TONE |
| | | |

BUBBLE DISPLAYS

| CODE | <u>NAME</u> | <u>DESCRIPTION</u> |
|------------|----------------------------|--|
| BBT BBL | | K COLUMN OF TINY BUBBLES |
| BBR | BUBBLE SING BUBBLE RING | LE BUBBLE FROM BLOWHOLE AIR RING WHICH SLOWLY SURFACES. FROM BLOWHOLE |
| BBS | BUBBLE STREAM | SEVERAL SMALL BUBBLES PRODUCED IN A STREAM |
| BBU | BUBBLE BURST CLOU | JD OF BUBBLES PRODUCED THROUGH BLOWHOLE |