

# APPENDIX IV – TIDES AND WATER LEVELS

## Abstract of Times of Hydrography

Start and End times refer to tidal applications requirement.

Time on Task indicates actual time of task in the survey area. All times and dates are in UTC.

### 05\_6biorka

Date Flown	JD	Sortie No	Start time	End Time	Time On Task
May-07-05	127	2	18:30	01:30	03:10
May-09-05	129	3	13:30	17:00	00:55
May-26-05	146	4	22:00	03:00	03:20
May-27-05	147	5	00:00	06:30	05:45
May-28-05	148	6	16:00	23:30	02:30
May-29-05	149	7	16:00	22:30	03:40
Jun-06-05	157	14	00:00	05:00	04:45
Jun-07-05	158	15	15:30	00:00	04:43
Jun-08-05	159	16	21:00	01:30	03:10
July-19-05	200	26	01:00	07:00	05:35
July-23-05	204	27	20:00	04:00	05:35
July-24-05	205	28	15:00	22:00	05:35
July-25-05	206	29	18:00	22:30	03:00
Aug-06-05	218	30	20:30	03:00	04:00

## T I D A L   D A T U M S

Tidal datums at SITKA, BARONOF ISLAND, SITKA SOUND based on:

LENGTH OF SERIES:	19 Years
TIME PERIOD:	January 1983 - December 2001
TIDAL EPOCH:	1983-2001
CONTROL TIDE STATION:	

Elevations of tidal datums referred to Mean Lower Low Water (MLLW), in METERS:

HIGHEST OBSERVED WATER LEVEL (11/02/1948)	= 4.534
MEAN HIGHER HIGH WATER (MHHW)	= 3.029
MEAN HIGH WATER (MHW)	= 2.791
MEAN TIDE LEVEL (MTL)	= 1.618
MEAN SEA LEVEL (MSL)	= 1.610
MEAN LOW WATER (MLW)	= 0.445
MEAN LOWER LOW WATER (MLLW)	= 0.000
LOWEST OBSERVED WATER LEVEL (01/01/1991)	= -1.224