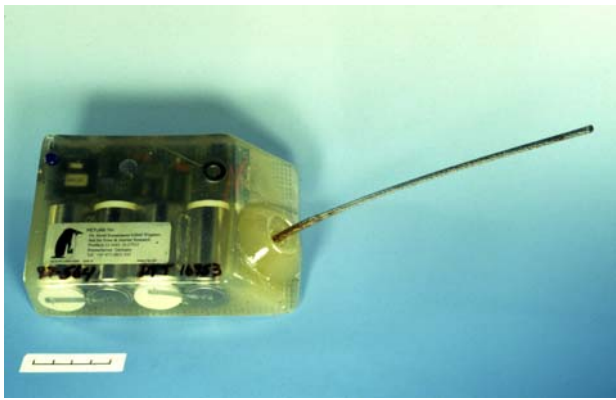



<b>Eventlabel</b>	JUB2000_sel_a_m_08
<b>Campaign</b>	King George Island 2000
<b>Species</b>	Southern elephant seal ( <i>Mirounga leonina</i> )
<b>Age</b>	≥6 years, adult
<b>Sex</b>	Male
<b>Number</b>	08
<b>Length</b>	432 cm
<b>Girth</b>	
<b>Weight [estimated]</b>	
<b>Weight [calculated]</b>	
<b>Weight [measured]</b>	
<b>ARGOS PTT ID</b>	24652
<b>Transmitter type</b>	SDR-T10, Quarter -Watt, Microprocessor-controlled Satellite-linked Time-Depth Recorder 
<b>Manufacturer</b>	Wildlife Computers
<b>PTT Serial Number</b>	99-456
<b>PTT Software</b>	3.14a
<b>Setting protocol</b>	<p>Quarter-Watt, Microprocessor-controlled Satellite-linked Time-Depth Recorder.</p> <p>Unit measures depth from 0 to 1960 meters with a resolution of 8 meters</p> <p>Software version 3.14a. Unit number: 99-456. ARGOS geolocation id = 24652</p> <p>Unit identifier = JUB2000_sel_a_m_08. Unit started at 15:12:49 on 11/03/:0</p> <p>Time (GMT) is 11:43:12.28. Date (GMT) is 18 March 19:0</p> <p>Shallowest depth to be considered a "dive" = 16 meters</p> <p>Deepest depth for accumulating surface-timelines (0=dry only) = 8 meters</p> <p>SLTDR uses 1-sec / ¼-sec wakeups when shallower than 40 / 16 meters</p> <p>Local time [0-23 hours] corresponding to 00h UT (GMT): 20</p> <p>Transmission intervals (at-sea / on-land) = 00:50.00 / 01:30.00</p> <p>SLTDR will use on-land interval after 10 consecutive dry transmissions</p> <p>SLTDR will suspend transmissions after 6 hours "hauled-out". "Haul-out" ends after SLTDR is "wet" for 3 successive at-sea transmission intervals</p> <p>Transmissions will be duty cycled with 1 day on and 0 days off</p> <p>Daily allowance (1-message transmissions; unused xmits don't</p>

	<p>accumulate) = 300  STATUS will be transmitted every 24 messages.  Blocks of Time-Lines will be transmitted every 48 messages.  Hours when SLTDR transmits: 00-23,☐  Upper limits of maximum-depth histogram bins are:  104, 200, 304, 400, 504, 600, 704, 800, 904, 1000, 1104,  1200, 1304, ∞ meters  Upper limits of dive-duration histogram bins are:  5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, ∞ minutes  Upper limits of time-at-depth histogram bins are:  104, 200, 304, 400, 504, 600, 704, 800, 904, 1000, 1104,  1200, 1304, ∞ meters  **** Check these parameters carefully ****. Ready to  deploy? y  Type D to archive depth readings, H to archive histograms: d</p>
<b>Deployment</b>	 <p>Head, antenna cranial (45°)</p>
<b>Immobilisation</b>	<p>Large Animal Immobilon (LA Immobilon) was injected remotely by Telinject®-vario darts to achieve initial sedation (x=0.0009 mg/kg etorphine; 0.0037 mg/kg acepromazine; n= 27) while ketamine was injected manually on demand to maintain narcosis (x=81 min). The total dosages (x=1.7 mg/kg) of ketamine required were negatively correlated with those of LA Immobilon (p &lt; 0.01). The dosages of LA Immobilon were approximately 15 to 30 times lower than recommended for other large-sized mammal species, and the therapeutic range was low. Nine cases required the application of the etorphine-antidote Large Animal Revivon (x=0.0052 mg/kg diprenorphine) injected intravenously (n=3), intramuscularly (n=5), or sublingually (n=1).</p> <p>Ramdohr, S., Bornemann, H., Plötz, J., Bester, M.N. (2001). Immobilisation of free-ranging adult male southern elephant seals (<i>Mirounga leonina</i>) with Immobilon (etorphine/acepromazine) and ketamine. South African Journal of Wildlife Research 3/4:135-140</p>
<b>Comment</b>	
<b>Tag deployed</b>	2000-03-31, -62.233, -58.667
<b>Tag retrieved</b>	
<b>First transmission</b>	2000-03-18T14:16:48, -62.257, -58.639
<b>Last transmission</b>	2000-08-14T08:38:24, -61.464, -52.122