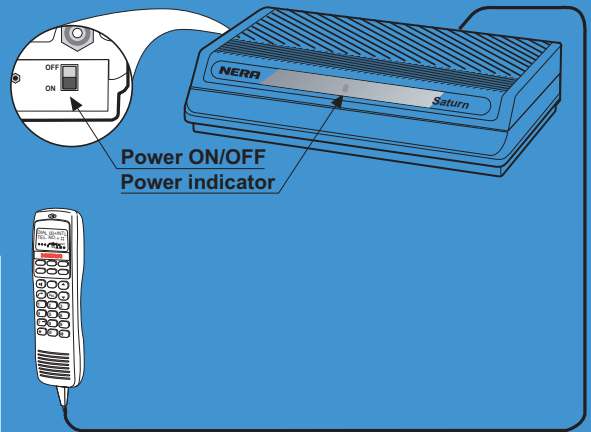


# Saturn B/M - Brief Operating Instruction

## Switching ON

- Activate the **Power ON/OFF** switch.

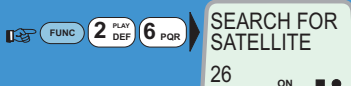
Handset operator access is set to default = user level when turning on power. The user level gives access to a limited number of handset functions. For additional access, the terminal must be set to operator(2) or owner level(4).



## Initiate satellite searching

Start a hemispheric scan for the selected satellite/Ocean Region:

- 1 Select **SEARCH FOR SATELLITE** function (26):



- 2 Press **ENTER** to activate the search function:



- 3 Press **ENTER** again to actually start the satellite search:



and revert to IDLE:



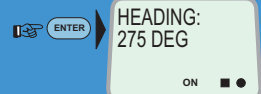
*Note! The search may take a few minutes.*

## Read/set compass heading

- 1 Select **READ/SET** function (29):

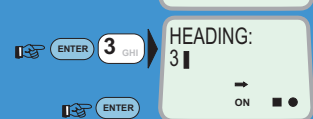


- 2 Check heading:

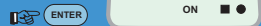


*If required adjust heading:*

- 3 Enter current gyro reading (0 . . 360°):



- 4 Verify the setting:

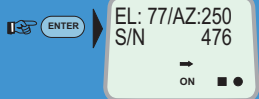


## Observe antenna movement and signal strength

- 1 Select **ANT.REL POINTING** function (28):

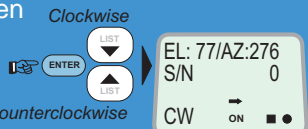


- 2 Press **ENTER** for readout:

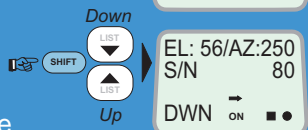


*To move antenna manually:*

- 3 Press **ENTER** and then arrow down/up to move antenna in azimuth:



- 4 Press **SHIFT** and then arrow down/up to alter antenna elevation:



- 5 Press **ENTER** to store new position:



Revert to IDLE mode:

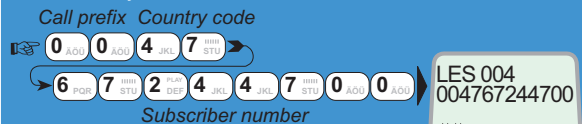


## Telephone call

- 0 Ready for operation:



- 1 Key in the international call prefix 00, the country code, the subscriber number,



- and initiate the call:



- 2 Clear call when finished:



*Call through selected LES:*

- 3 Key in the LES number, e.g. 003:



*Continue from step 1.*

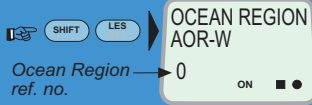
*To change Ocean Region/Land Earth Station: ➡➡*

# Saturn B/M - Brief Operating Instruction

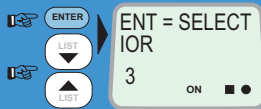
## Selecting Ocean Region

AOR-W (0), AOR-E (1), POR (2) or IOR (3)

1 Display current Ocean Region:



2 Move to EDIT mode: and scroll up/down to required region:



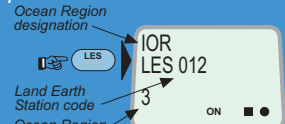
3 Enter selected region: and revert to IDLE mode:



## Selecting default LES

Circular indicator must appear

1 Display current Land Earth Station:



2 Key in the new LES code, e.g. no.4:



3 Store LES 004 as default:



Scroll up/down for other Ocean Regions:



Revert to IDLE mode:



### Atlantic Ocean West Region – (AOR-W)

LES NAME	OPERATOR	LES CODE
Aussaguel	Singapore Telecom	210
Burum	KDD (Japan)	003
Burum	Station 12 (Netherlands)	012
Eik	Telenor (Norway)	004
Fucino	Telecom Italy	555
Goonhilly	BT (UK)	002
Laurentides	France Telecom	011
Laurentides	Stratos (USA)	013
Laurentides	Morsviasputnik (Russia)	015
Laurentides	T-Mobile (Germany)	111
Laurentides	Hong Kong Telecom	118
Laurentides	Telstra (Australia)	222
Southbury	Comsat (USA)	001
Southbury	OTE (Greece)	005
Southbury	VSNL (India)	306

### Atlantic Ocean East Region – (AOR-E)

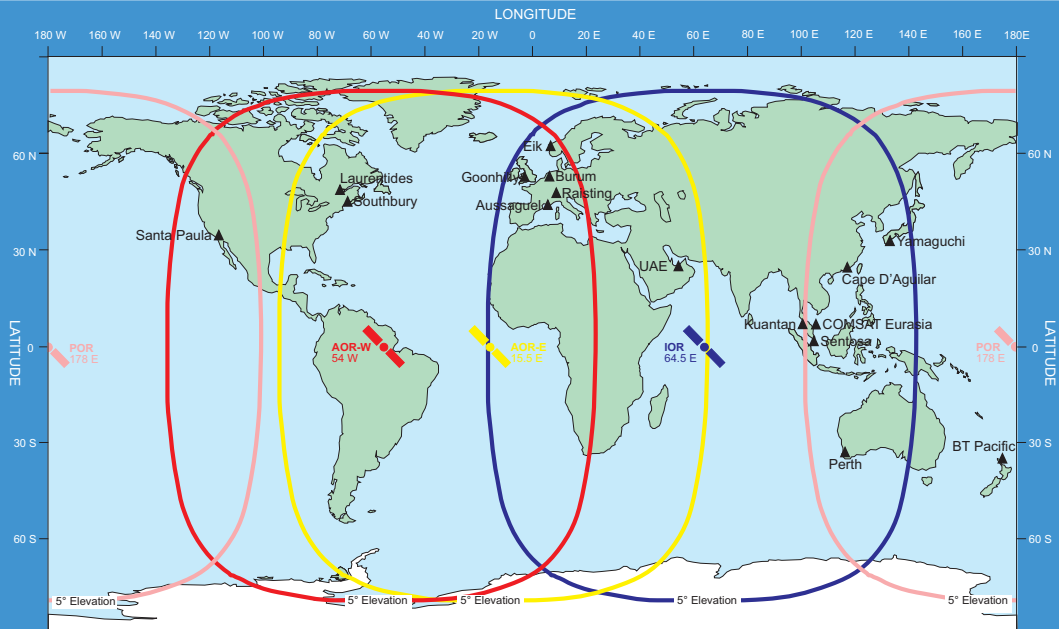
LES NAME	OPERATOR	LES CODE
Aussaguel	France Telecom	011
Aussaguel	Singapore Telecom	210
Burum	KDD (Japan)	003
Burum	Station 12 (Netherlands)	012
Eik	Telenor (Norway)	004
Fucino	Telecom Italy	555
Goonhilly	BT (UK)	002
Laurentides	Stratos (USA)	013
Laurentides	Morsviasputnik (Russia)	015
Laurentides	Hong Kong Telecom	118
Laurentides	Telstra (Australia)	222
Raisting	T-Mobile (Germany)	111
Southbury	Comsat (USA)	001
Southbury	OTE (Greece)	005
Southbury	VSNL (India)	306

### Indian Ocean Region – (IOR)

LES NAME	OPERATOR	LES CODE
Arvi	VSNL (India)	306
Aussaguel	France Telecom	011
Burum	Station 12 (Netherlands)	012
Cape d'Agular	Hong Kong Telecom	118
Eik	BT (UK)	002
Eik	Telenor (Norway)	004
Eurasia	Comsat (USA)	001
Fucino	Telecom Italy	555
Jabatun	DaastemTech (Brunei)	888
Jatiluhur	Indosat (Indonesia)	007
Kautan	Malaysia Telecom	060
Kumsan	Korea Telecom	006
Nonthaburi	CAT (Thailand)	333
Perth	Stratos (USA)	013
Perth	Morsviasputnik (Russia)	015
Perth	Telstra (Australia)	222
Raisting	T-Mobile (Germany)	111
Sentosa	Singapore Telecom	210
TowA'Saman	Etsasat (UAE)	123
Yamaguchi	KDD (Japan)	003

### Pacific Ocean Region – (POR)

LES NAME	OPERATOR	LES CODE
Beijing	Beijing Marine (China)	868
Cape d'Agular	Hong Kong Telecom	118
Jabatun	DatastreamTech (Brunei)	888
Kumsan	Korea Telecom	006
Netley	BT (UK)	002
Netley	Telenor (Norway)	004
Perth	Indosat (Indonesia)	007
Perth	France Telecom	011
Perth	Stratos (USA)	013
Perth	Morsviasputnik (Russia)	015
Perth	T-Mobile (Germany)	111
Perth	Telstra (Australia)	222
Santa Paula	Comsat (USA)	001
Santa Paula	OTE (Greece)	005
Santa Paula	VSNL (India)	306
Santa Paula	Telecom Italy	555
Sentosa	Singapore Telecom	210



TEL: 872 TLX: 582  
Pacific Ocean Region  
POR

TEL: 874 TLX: 584  
Atlantic Ocean West Region  
AOR-W

TEL: 871 TLX: 581  
Atlantic Ocean East Region  
AOR-E

TEL: 873 TLX: 583  
Indian Ocean Region  
IOR

TEL: 872 TLX: 582  
Pacific Ocean Region  
POR