

EGNOS Receiver Workshop Conclusions

3 July 2003

Technology

- ❑ GNSS is a swiftly moving technology and so it is vitally important that EGNOS **keeps pace with the international standards** (e.g. RTCA and ICAO SARPS)
- ❑ It is important to **ensure full interoperability between EGNOS and other SBAS systems** (e.g. WAAS) and worldwide compatibility in performances
- ❑ Concerning message type 0, it is important that receivers are duly informed on final baseline adopted. **It is of interest that EGNOS adapts to Message Type 0/2 (WAAS format)**
- ❑ **EGNOS will be a key component in the future GPS/SBAS/Galileo receivers**

Market Development

- ❑ **EGNOS needs to be brought into operation** as soon as possible
- ❑ **EGNOS needs to reach certification for safety of life** as soon as possible
- ❑ **Reaffirming the role of EGNOS within European radionavigation policy** brings stability to the market
- ❑ **Extending EGNOS coverage** will open up new markets for GNSS products and services
- ❑ **Committing to EGNOS in the long-term** is critical for many users including aviation and maritime
- ❑ Providing **EGNOS data over terrestrial data-links** (e.g. SISNET technology, DAB, RDS, etc) helps to grow the multi-modal market
- ❑ **EGNOS will help to grow the Galileo market**

Specific issues of interest to manufacturers

- ❑ It is very important to Receiver Manufacturers **to have the information on EGNOS broadcast times** during 2003/2004 prior to operational readiness in April 2004 (ESA to assess how this could be done)
- ❑ We have concluded that **during the transition EGNOS testing from July 2003 until early 2004, it is wise to avoid using EGNOS for commercial use and rely either on GPS or the ESTB (through IOR). Managing adequately performance expectations.**
- ❑ Interest in having a clear **EGNOS user Interface Document (UID)** including DO 229C level of compliance, performances and contact points
- ❑ **Interest to use EGNOS PR available** (e.g. logo, News, brochures, etc) material at ESA. ESA confirms this information is available and proposes support if needed.

EGNOS Receiver Workshop

- ❑ This has been found a useful technical forum to ESA and to Receiver manufacturers
- ❑ Maintaining this forum is a good way of ensuring long term success
- ❑ Organise a second workshop end 2003/early 2004 just prior to EGNOS Operational Readiness Review