

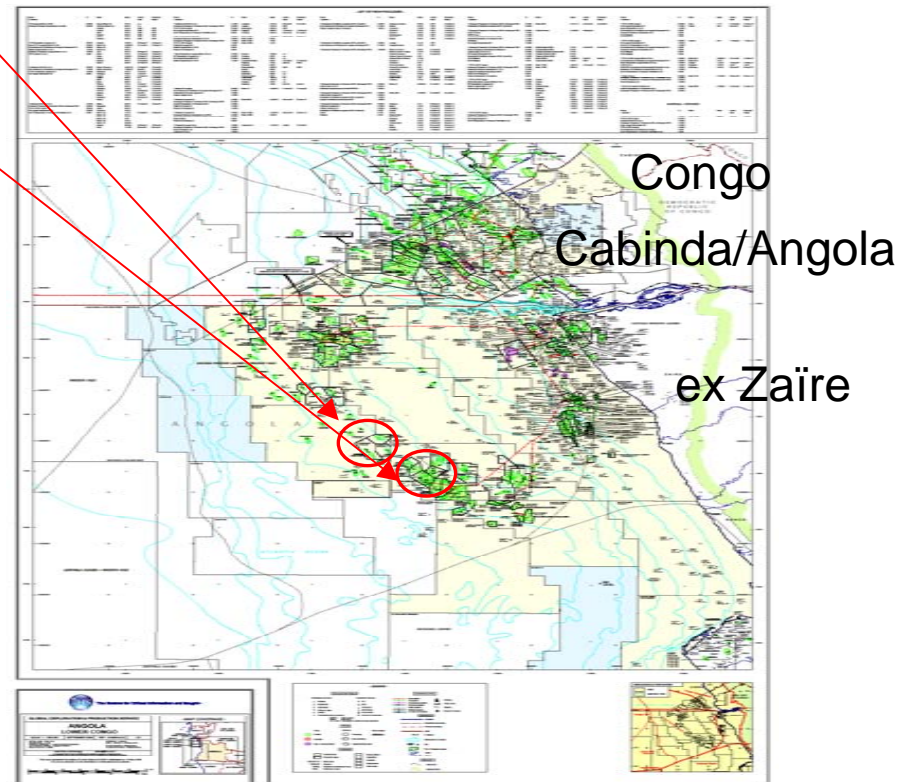
A proposal with the TOTAL oil company for the PIRATA SEE:

TOTAL could fund an Atlas buoy for the SEE extension (so, 2 buoys could allow its deployment on the long term) with several conditions...

1) useful location for some TOTAL offshore equipments.
(could be roughly around $7^{\circ}10'S-7^{\circ}30'S$, $11^{\circ}15'-11^{\circ}40'E$,
two potential locations, at 1400 & 1900m depth)

2) Current measurements in
the 0-30m layer, high time resolution
(eg at 6, 12 & 20m & 10-30mn)
transmitted in real time.

3) Waves measurements.



A proposal with the TOTAL oil company for the PIRATA SEE:

Problems:

- ingeneering effort required to adapt the PIRATA sensors and transmissions to the TOTAL needs => contract between NOAA/PMEL & TOTAL
(sensors and transmission + energy source independant of ATLAS classical system)
(feasability/technical studies could be funded by TOTAL...)
- Data treatment & TOTAL data providing to the PIRATA community?
(to be checked and discussed; convention NOAA/TOTAL?)
- ATLAS buoy in a Exclusive Economic Zone...
=> clearance (data & maintenance operations) warranties on the long term???

Advantages:

- Ensurance of one buoy funding by TOTAL
- Ensurance of funding for ingeneering efforts by TOTAL *(they however need a technical and financial proposal before making any decision)*
- Possibility of interventions on the buoy by their supply boats.
- They also have met measurements on some oil plateforms.