











Spanish means for aerial observation			
No specialized means			
But many aircraft and helicopters mobilized, including:			
- Sasemar:	- helicopters Helimer Galicia & Helimer Cantabrico		
- Fisheries:	- aircraft Roche & Sanctipetri		
	- helicopters Alcotan I & Alcotan II		
- Air Force:	- aircraft Reno A77 60, 61, 62, 63, 68		
- Customs:	- aircraft		
- Guardia Civil:	- helicopters Cuco 20 & 24		
- Navy:	- several helicopters		
- Army:	- helicopters Talud 07		
- National Police :	- helicopter Angel		
- Xunta de Galicia:	- helicopters Pesca Uno & Pesca Dos		
- Guardia Civil de Ast	turias: - helicopter		
- Principado de Astur	rias: - helicopter		
- Ertzaintza:	- helicopter		
- SOS Cantabria:	- helicopter		
But many aircraft - Sasemar: - Fisheries: - Air Force: - Customs: - Guardia Civil: - Navy: - Army: - National Police : - Xunta de Galicia: - Guardia Civil de Ast - Principado de Astur - Ertzaintza: - SOS Cantabria:	and helicopters mobilized, including: - helicopters Helimer Galicia & Helimer Cantabrico - aircraft Roche & Sanctipetri - helicopters Alcotan I & Alcotan II - aircraft Reno A77 60, 61, 62, 63, 68 - aircraft - helicopters Cuco 20 & 24 - several helicopters - helicopters Talud 07 - helicopter Angel - helicopter Pesca Uno & Pesca Dos turias: - helicopter rias: - helicopter - helicopter - helicopter - helicopter		



French support and mobilisation for aerial observation			
Specialized means			
- Customs aircraft Polmar I & Polmar II			
Non specialized means			
- Navy:	- aircraft Falcon 50 - helicopters		
- Customs:	- non specialized aircraft		
- Civil protection:	- helicopters		
- Sorona:	- aircraft Cessna 208b Caravan		













## International assistance for aerial observation

For more than 10 weeks, 1 to 2 flights per day			
Specialized or dedicated means			
- Germany: aircraft 4790 from the Navy	early December		
- Norway: Merlin Fairchild 113 from NPCA	Jan 3 to 9 & Jan 15 to 23		
- United Kingdom: Cessna 406 from MCA	Jan 3 to 9; Jan 14 to 19; Jan 22 to 25; Feb 7 to 17		
- Italy: ATR 42 from Coast Guard	Jan 12 to 18; Feb 23 to 28		
- Denmark: Challenger CL 604 from TAC	Jan 25 to 31		
- Finland: Dornier 228 from Coast Guard	Jan 31 to Feb 4		



























## **Use of Satellite Imagery**

A limited contribution to the fight against the Prestige spill: images arriving too late or of limited added value compared to aerial observations.

A fruitful cooperation for the provision of images, but very limited regarding their interpretation and exploitation.

But many late validations of the quality of some intepreted images, encouraging for a near future, which should permit realtime exploitation of images and therefore facilitate the coverage of larger areas for spill observation.

Improvements can be expected :

- to improve realtime access to images
- to cluster an international expertise on images
- interpretation, based on joint tests































