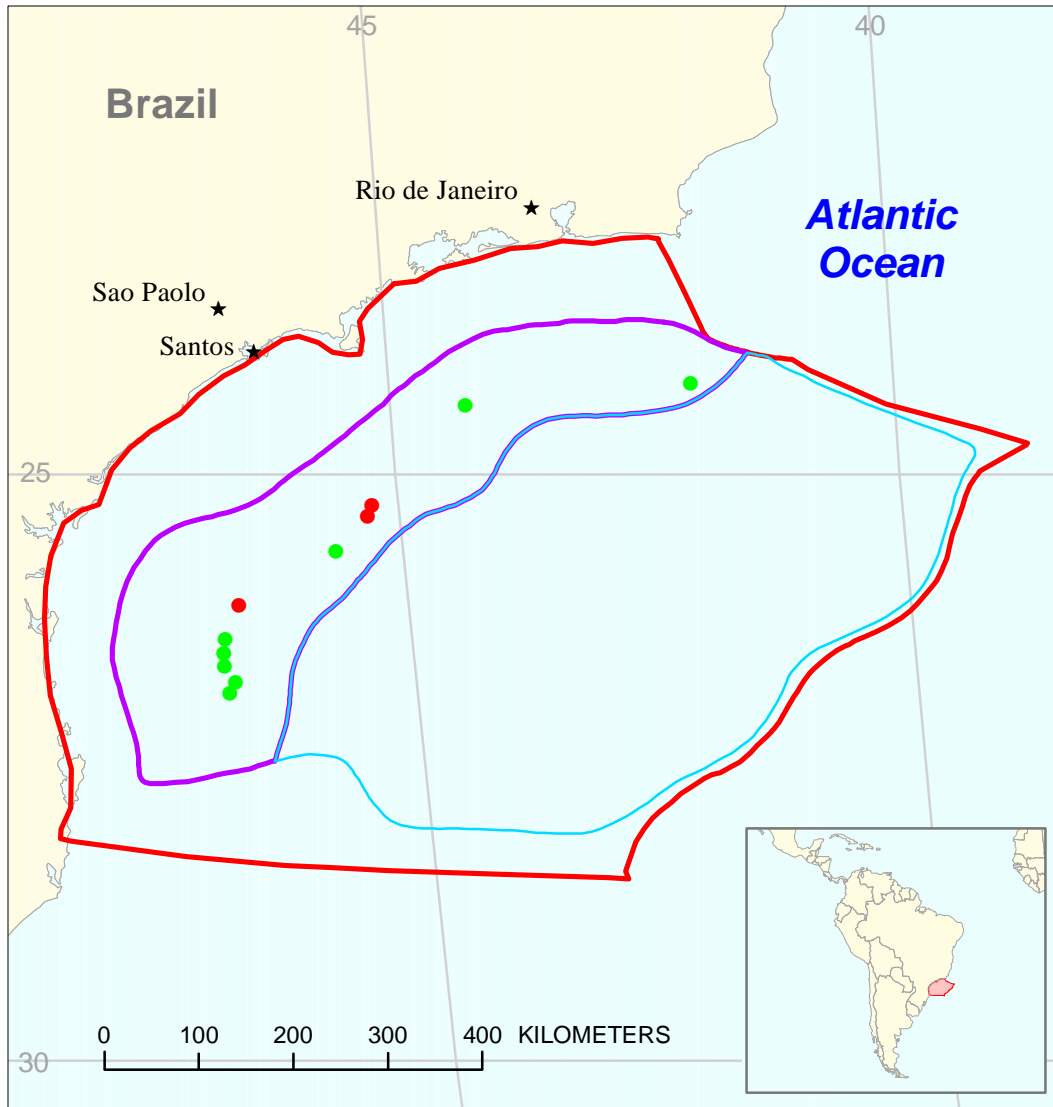





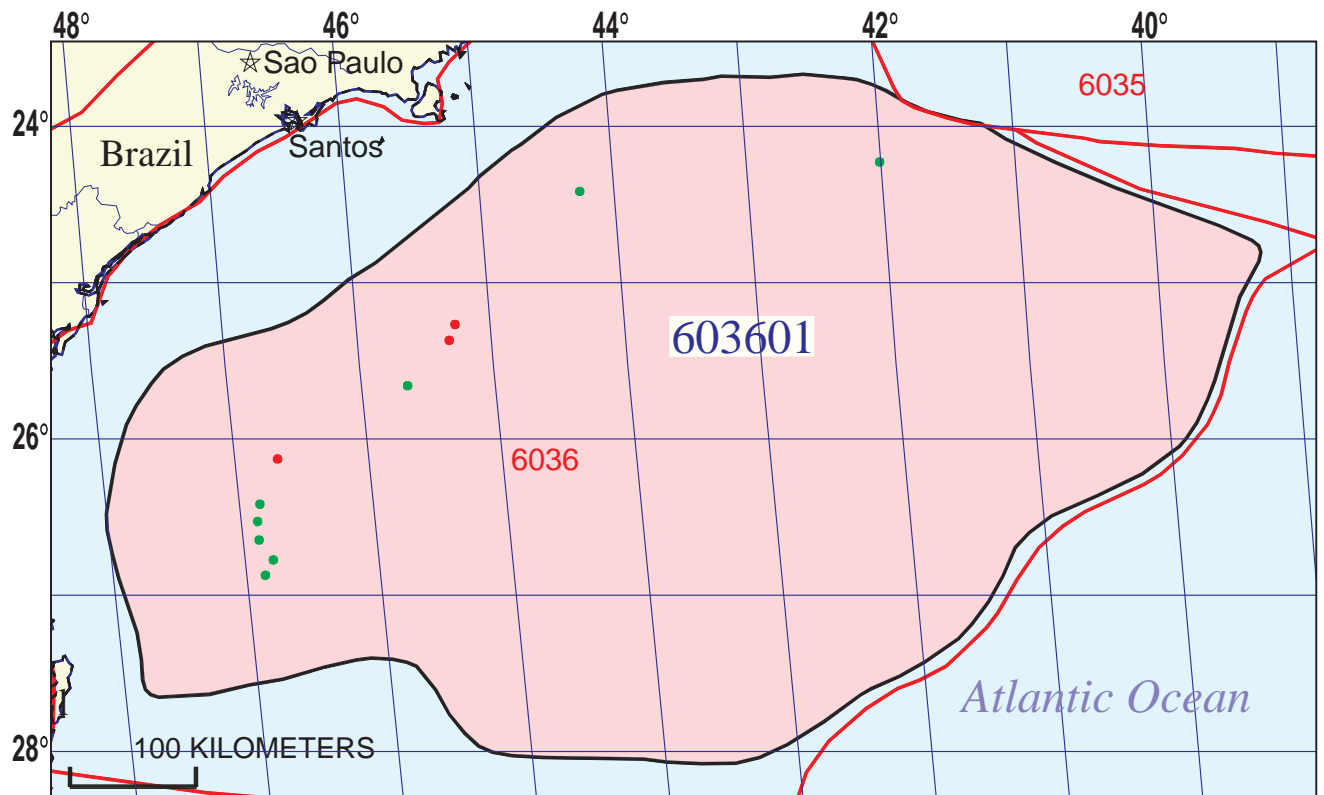


Guaratiba-Guaruja (Cretaceous) Composite Total Petroleum System 603601



-  Santos Shelf
Assessment Unit 60360101
-  Salt-Structured Deep-Water Sandstones
Assessment Unit 60360102

-  Santos Shelf Assessment Unit 60360101
-  Salt-Structured Deep-Water Sandstones Assessment Unit 60360102
-  Santos Basin Geologic Province 6036



Guaratiba-Guaruja (Cretaceous) Composite Total Petroleum System - 603601

EXPLANATION

- Hydrography
- Shoreline
- 6036** Geologic province code and boundary
- Country boundary
- Gas field centerpoint
- Oil field centerpoint
- 603601** Total Petroleum System code and boundary

Projection: Robinson. Central meridian: 0

**Guaratiba-Guaruja (Cretaceous) Composite, Total Petroleum System 603601
Assessment Results Summary**

[MMBO, million barrels of oil. BCFG, billion cubic feet of gas. MMBNGL, million barrels of natural gas liquids. MFS, minimum field size assessed (MMBO or BCFG). Prob., probability (including both geologic and accessibility probabilities) of at least one field equal to or greater than the MFS. Results shown are fully risked estimates. For gas fields, all liquids are included under the NGL (natural gas liquids) category. F95 represents a 95 percent chance of at least the amount tabulated. Other fractiles are defined similarly. Fractiles are additive under the assumption of perfect positive correlation. Shading indicates not applicable]

Code and Field Type	MFS	Prob. (0-1)	Undiscovered Resources											
			Oil (MMBO)				Gas (BCFG)				NGL (MMBNGL)			
			F95	F50	F5	Mean	F95	F50	F5	Mean	F95	F50	F5	Mean
60360101 Santos Shelf Assessment Unit														
Oil Fields	4	1.00	4,117	13,034	25,548	13,723	7,645	25,256	54,452	27,463	429	1,475	3,458	1,647
Gas Fields	24						9,955	33,433	67,106	35,411	407	1,428	3,132	1,559
Total		1.00	4,117	13,034	25,548	13,723	17,600	58,689	121,558	62,874	837	2,903	6,589	3,205
60360102 Salt-Structured Deep-Water Sandstones Assessment Unit														
Oil Fields	8	0.90	0	8,929	20,717	9,486	0	12,045	30,602	13,260	0	702	1,914	795
Gas Fields	48						0	3,681	11,497	4,413	0	157	520	194
Total		0.90	0	8,929	20,717	9,486	0	15,727	42,099	17,673	0	859	2,434	989
603601 Total: Guaratiba-Guaruja (Cretaceous) Composite Total Petroleum System														
Oil Fields		1.00	4,117	21,963	46,265	23,209	7,645	37,302	85,054	40,723	429	2,177	5,372	2,442
Gas Fields							9,955	37,114	78,603	39,824	407	1,585	3,652	1,752
Total		1.00	4,117	21,963	46,265	23,209	17,600	74,416	163,657	80,547	837	3,763	9,024	4,194