The multipurpose littoral submarine

Andrasta® is a stealthy underwater platform designed to protect national interests and to enforce sovereignty. Andrasta® combines powerful sensors and weapons to counter surface and underwater threats in littoral waters.

**Mission**
- Anti-surface warfare
- Anti-submarine warfare
- Special operations
- Intelligence gathering
- Area surveillance and blockade
- Offensive minelaying
- Anti-submarine warfare training

**Unmatched in littoral waters operations**
- **Invisible and enduring**
- **State-of-the-art powerful combat system**
- **Proven, rugged design**
**KEY POINTS**

**The key asset for littoral waters**
Brown waters, with limited bottom and disturbed acoustic environment, are extremely difficult for anti-submarine warfare. Andrasta® is the unmatched solution for such a complex theatre. A full special operations capacity reinforces Andrasta® efficiency in such areas. This specialisation does not prevent her from being highly effective in the open seas.

By her mere presence, Andrasta® deters all types of opponents from operating in littoral waters:
- out of proportion maritime forces are required to clear waters where Andrasta® is “perhaps” hidden
- smugglers or terrorists are prevented from acting with impunity.

**Fully consistent design**
- Fast and stealthy, thanks to her very low signatures, Andrasta® has the advantage over all types of surface ships (ships or submarines) in her favorite littoral playing field.
- Featuring excellent manoeuvrability and the capacity to bottom easily, Andrasta® is endowed with the exact performance required for operation in littoral waters.
- Upon request, a higher performance for identified specific options, not mandatory for littoral missions, can be added without degrading her overall efficiency.

**Characteristics**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Displacement surfaced</td>
<td>about 900 tons</td>
</tr>
<tr>
<td>Length, overall</td>
<td>about 50 m</td>
</tr>
<tr>
<td>Diving depth</td>
<td>&gt; 200 m</td>
</tr>
<tr>
<td>Maximum speed, submerged</td>
<td>&gt; 15 kts</td>
</tr>
<tr>
<td>Range, mixed transit</td>
<td>&gt; 3,000 nm</td>
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<tr>
<td>Submerged endurance</td>
<td>Up to 5 days</td>
</tr>
<tr>
<td>Complement</td>
<td>21 (+ 2 guests + 6 divers)</td>
</tr>
</tbody>
</table>

**Speed**
>15 kts

**6 Heavy-weight weapons ready to launch**
**KEY POINTS**

**A fully combat-equipped submarine**

Andrasta® operates in all the usual fields of a modern submarine. Fitted with the state-of-the-art SUBTICS® combat system, Andrasta® launches new generation weapons, including Blackshark® heavyweight torpedoes, SM39 anti-ship missiles, and mines. Her highly automated ship management system makes her easy to operate by a reduced crew. Fitted with all the necessary communications equipment, Andrasta® is an integral part of the Naval Force. Fitted with divers’ accommodation, trunk and equipment, she is particularly oriented towards special operations.

**Proven, rugged design**

Programme risk is totally mastered. Andrasta® incorporates advanced technologies and features, already developed for DCNS’s projects. Her simple design and her 70% commonality with Scorpene® make her attractive as regards acquisition and maintenance costs.

Andrasta® incorporates all the safety standards applied to all DCNS deep-diving submarines.

**An up-to-date SSK inherited from prestigious classes**

<table>
<thead>
<tr>
<th>Year</th>
<th>SSK</th>
<th>SSN</th>
<th>SSBN</th>
</tr>
</thead>
<tbody>
<tr>
<td>1990</td>
<td>Le Triomphant</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2000</td>
<td>Scorpene®</td>
<td></td>
<td>Barracuda</td>
</tr>
<tr>
<td>2010</td>
<td>Andrasta®</td>
<td></td>
<td></td>
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</tbody>
</table>
For the benefit of all navies

- To supplement an existing submarine fleet with efficient brown-water submarines
- To create a new submarine force
- To replace an existing submarine fleet with a more suitable solution