

# TRANSAS ISAILOR

Functional comparison on iOS and Android platforms.



# iSailor

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# 1. Sensors

## 1.1. Available “NMEA” options

OPTIONS	ISAILOR IOS	ISAILOR ANDROID
<p><b>NMEA GPS</b></p> <p>(Unlock the capability of receiving GPS data via Wi-Fi connection (TCP or UDP) in the form of GGA, RMC, GLL and VTG NMEA sentences.)</p>	✓	✓
<p><b>NMEA Compass &amp; ROT</b></p> <p>(Unlock the capability of receiving True or Magnetic Heading and Rate-Of-Turn data via Wi-Fi connect (TCP or UDP) in the from of HDT, THS, HDM, HDG, VHW and ROT NMEA sentences.)</p>	✓	✓
<p><b>NMEA Wind Sensor</b></p> <p>(Unlock the capability of receiving True or Relative Wind data via Wi-Fi connection (TCP or UDP) in the from of MWD (True), MWV (Relative), MWV (True) and VWR (Relative) NMEA sentences.)</p>	✓	✓
<p><b>NMEA Echo Sounder</b></p> <p>(Unlock the capability of receiving depth and water temperature data from Echo Sounder via Wi-Fi connection (TCP or UDP) in the from of DPT, DBT, DBS, DBK and MTW NMEA sentences.)</p>	✓	✓
<p><b>NMEA Autopilot</b></p> <p>(Unlock the capability of remote operation with Autopilot in ‘TRACK’ or ‘DODGE’ control modes via Wi-Fi connection (TCP or UDP). Supported NMEA output sentences: APB, BOD, BWC, BWR, HSC, RMB, RMC and XTE. NMEA input rudder angle: RSA. Make sure that your boat equipment allows such connection and operation!)</p>	✓	

## 1.2. Available “AIS” options

OPTIONS	ISAILOR IOS	ISAILOR ANDROID
<p><b>AIS Receiver Support</b>            (Unlock the capability of receiving AIS target data from AIS transponders and receivers via TCP or UDP in the form of VDM sentences only, and to display these targets on the chart.            In addition, Own ship position, course and speed can be received via TCP or UDP in the form of VDO sentences 18 &amp; 19 and used in the app for the positioning purposes, but only if provided by the AIS Class B transponder (Non-SOLAS AIS transponder for the small crafts).)</p>	✓	✓
<p><b>Navdata from AIS Class A</b>            (Unlock the capability of receiving navigational dynamic data from AIS Class A (IMO type) transponders via TCP or UDP connection.            Positioning Data, COG, SOG, Heading and Rate-Of-Turn (if provided) can be received via TCP or UDP connection in the form of VDO 1,2,3 sentences from ‘ECDIS’ or ‘Pilot Plug’ port of AIS Class A (IMO AIS transponder).)</p>	✓	
<p><b>AIS Ship Contours</b>            (This option is the extension of the primary “Unlock AIS Support” option allowing for display of AIS ship contours at large chart scales. This option will only be available after the initial activation of the “Unlock AIS Support”. This option can be ordered separately for the ‘Internet AIS Service’ subscription also.)</p>	✓	✓

	ISAILOR IOS	ISAILOR ANDROID
<b>Primary PS</b>	iOS, NMEA, AIS	Internal GPS, NMEA, AIS
<b>Heading data</b>	NMEA, AIS	NMEA, AIS
<b>Rate of turn data</b>	NMEA, AIS, CALC	NMEA

## 1.3.AIS & NMEA Connections

CONNECTION SETTINGS	ISAILOR IOS	ISAILOR ANDROID
<b>Multiconnection</b>	<input checked="" type="checkbox"/>	
<b>Input Checksum Processing</b>	<input checked="" type="checkbox"/>	

## 1.4.Advanced Data Logging and Playback

OPTIONS	ISAILOR IOS	ISAILOR ANDROID
<p><b>Playback</b>            (Unlock the capability of the Advanced Data Logging and Playback functionality. This functionality allows recording and sharing between iSailor users the following track data:</p> <ul style="list-style-type: none"> <li>- NAV: Position, Speed, Course, Heading, ROT, Depth, Wind, AIS targets, etc.</li> <li>- Selected Route Alarms &amp; Settings)</li> </ul>	<input checked="" type="checkbox"/>	

## 2. Subscription options (1 year subscription)

SUBSCRIPTION OPTIONS	ISAILOR IOS	ISAILOR ANDROID
<p><b>Internet AIS Service</b>            ('Internet AIS Service': Real-time map view of ships via global Internet AIS Service. AIS Class A, Class B, AtoNs and Base Stations are supported. Ship photo library is available for most of the received targets. This is a 1-year subscription option (requires Internet connection). Please, check the 'Internet AIS' coverage before the purchasing: <a href="http://www.isailor.us/folios/ais.htm">http://www.isailor.us/folios/ais.htm</a>)</p>	✓	✓
<p><b>Weather Service</b>            (Online 'Weather Data'. Global coverage real time Weather Forecast. This option enables to get and display the following weather forecast data: Wind Speed &amp; Direction, Atmospheric Pressure, Wave Height, Precipitations. This is a 1-year or monthly subscription option (requires Internet connection))</p>	✓	✓
<p><b>Tides &amp; Currents</b>            (Tides &amp; Currents. The tides calculation is performed on the base of four Main harmonics as well as well as shallow water corrections. The calculation process is based on Simplified Harmonic Method of Tidal Predictions that can be found in different publications, for example Admiralty Tide Tables.            Note: Results of the used method may have minor difference with published Admiralty Tide Tables or other prediction software. This is a 1-year subscription option.)</p>	✓	✓
<p><b>Sailing Guides</b></p> <ol style="list-style-type: none"> <li>1. (Mediterranean Region</li> <li>2. Caribbean Region</li> <li>3. UK, Iceland and Faroe Islands</li> <li>4. Western Europe</li> <li>5. Northern and Central Europe</li> <li>6. USA Atlantic. East Coast</li> <li>7. USA Pacific. West Coast</li> <li>8. USA Island Waters</li> <li>9. Canada and Northern Atlantic</li> <li>10. South East Asia, India, Micronesia, Papua New Guinea and Solomon Islands</li> <li>11. Australia, New Zealand and the islands of the South Pacific Ocean</li> <li>12. South and Latin America</li> <li>13. South Africa and Near East</li> <li>14. Eurasia Marinas</li> <li>15. Europe Inland Water Marinas)</li> </ol>	✓	

## 3.Units

UNITS	ISAILOR IOS	ISAILOR ANDROID
<b>Coordinates format</b>	D.d°, D°M.m', D°M'S.s"	D°M.m'
<b>Depth, Draft and Height units</b>	Meters, Feet, Fathoms	Meters, Feet, Fathoms
<b>Short distance units</b>	Meters, Feet, Nautical mile	Meters, Feet, Nautical mile
<b>Long Distance units</b>	Kilometer, Nautical mile, Statue mile	Kilometer, Nautical mile, Statue mile
<b>Ship dimensions</b>	Meters, Feet	Meters, Feet
<b>Speed units</b>	Km/h, knots, m/s	Km/h, knots
<b>Fuel units</b>	L/h, G/h, mt/h	-
<b>Temperature</b>	Celsius, Fahrenheit	Celsius, Fahrenheit

## 4.Alarms

ALARM	ISAILOR IOS	ISAILOR ANDROID
<b>Primary GPS Fail</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Connection lost</b>	<input checked="" type="checkbox"/>	
<b>Anchor Watch</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Out of XTD</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>CPA-TCPA</b>	<input checked="" type="checkbox"/>	
<b>Sounder Depth</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

## 5.Warnings

WARNING	ISAILOR IOS	ISAILOR ANDROID
<b>Primary GPS Low Accuracy</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Approach to Waypoint</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Switching to the Next WP</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

## 6. Boat Settings

	ISAILOR IOS	ISAILOR ANDROID
Own Ship MMSI	<input checked="" type="checkbox"/>	
Boat Dimensions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Echo Sounder Settings	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Vectors	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Boat Average Speed	<input checked="" type="checkbox"/>	
Fuel Consumption	<input checked="" type="checkbox"/>	

### 6.1. Boat Dimensions

	ISAILOR IOS	ISAILOR ANDROID
Dimensions: Length, Beam	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GPS antenna Location	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Bridge Elevation	<input checked="" type="checkbox"/>	

### 6.2. Echo Sounder Settings

	ISAILOR IOS	ISAILOR ANDROID
Echogram Range	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Inverted Echogram Colors	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Echogram History	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



# 7. Settings

## 7.1. Tips & User Manual

	ISAILOR IOS	ISAILOR ANDROID
Tips	✓	✓
User Manual	✓	
iSailor FAQ	✓	

## 7.2. Chart Store

### 7.2.1. Chart coverage levels

	ISAILOR IOS (IPAD)	ISAILOR IOS (IPHONE)	ISAILOR ANDROID (TABLET)	ISAILOR ANDROID (SMARTPHONE)
General	✓	✓	✓	
Coastal	✓	✓	✓	
Approach	✓	✓	✓	
Harbor	✓	✓	✓	

### 7.2.2. Chart cover

	ISAILOR IOS (IPAD)	ISAILOR IOS (IPHONE)	ISAILOR ANDROID (TABLET)	ISAILOR ANDROID (SMARTPHONE)
Select folio by chart coverage tile	✓	✓	✓	

### 7.2.3. Chart Folio differences

MAP AREA	ISAILOR IOS	ISAILOR ANDROID
Caribbean Sea	<p><b>Caribbean Sea. Cuba, Cayman Islands, Jamaica, Hispaniola(CAR2000)</b> (Cuba, Cayman Islands, Jamaica, Hispaniola)</p> <p><b>Caribbean Sea. Lesser Antilles(CAR3000)</b> (Puerto Rico, Lesser Antilles, Venezuela)</p> <p><b>Caribbean Sea. Mexico, Belize, Honduras, Nicaragua, Costa Rica, Panama, Colombia (CAR4001)</b> Mexico, Belize, Honduras, Nicaragua, Costa Rica, Panama, Colombia</p>	<p><b>Caribbean. Greater and Lesser Antilles (car0000_is)</b> (The Bahamas, Leeward and Windward Islands, Leeward Antilles)</p> <p><b>Atlantic Ocean. Caribbean Sea. Mexico-Venezuela(car4000)</b> (Mexico, Belize, Honduras, Nicaragua, Costa Rica, Panama, Colombia, Venezuela)</p>

<b>Baltic Sea</b>	<p><b>Baltic Sea. Northern and Eastern parts (BALT1000)</b> (Gulf of Bothnia, Gulf of Finland, Gulf of Riga)</p> <p><b>Baltic Sea. Southern part (BALT2000)</b> (Lithuania, Poland, Sweden East Coast)</p> <p><b>Baltic Sea. Western part (BALT3000)</b> (Germany, Denmark, Sweden West Coast)</p>	<p><b>Baltic Sea. Northern, Eastern and Southern parts (balt1001)</b> (Finland, Russia, Estonia, Latvia, Lithuania, Poland)</p> <p><b>Baltic Sea. Sweden (balt2001)</b> (Sweden)</p> <p><b>North Sea, Baltic Sea. Germany, Denmark (balt3001)</b> (Germany, Denmark)</p>
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## 8. Working with the Advanced Cursor

TAP THE CURSOR	ISAILOR IOS	ISAILOR ANDROID
Info on the chart	✓	✓
Coordinate	✓	✓
User Object	✓	✓
ERBL	✓	✓
Go to Route	✓	✓
BRG (Bearing)	✓	
DIST (Distance)	✓	
Colored Lights legend	✓	