



UV Information and Contact

| | |
|------|--------------|
| Name | Seabotix LBV |
|------|--------------|

| | |
|--------------|-------------|
| Mission Type | Inspections |
|--------------|-------------|

General Specifications

| | |
|----------|----|
| Beam (m) | -- |
|----------|----|

| | |
|-----------------------------|----|
| Draft (when resurfaced) (m) | -- |
|-----------------------------|----|

| | |
|-------|----|
| Frame | -- |
|-------|----|

| | |
|--------------------|--------|
| Tether description | 130 m' |
|--------------------|--------|

Support Vessels Requirements

| | |
|--------------|----|
| Control vane | -- |
|--------------|----|

Speed Duration and Range of Operation

| | |
|-------------------------------------|----|
| Diving and resurfacing speeds (m/s) | -- |
|-------------------------------------|----|

| | |
|---------------------|----|
| Max. cruising range | -- |
|---------------------|----|

| | |
|------------------------------|----|
| Normal dive duration (hours) | -- |
|------------------------------|----|

| | |
|----------------------|----|
| Cruising speed (m/s) | -- |
|----------------------|----|

Max. Speed:

| | |
|---------------|---|
| Forward (m/s) | 3 |
|---------------|---|

| | |
|---------------|----|
| Lateral (m/s) | -- |
|---------------|----|

| | |
|----------------|----|
| Vertical (m/s) | -- |
|----------------|----|

Crew and Scientific Observers

| | |
|-------------------------------|----|
| Scientific observers (number) | -- |
|-------------------------------|----|

| | |
|-----------------|----|
| Pilots (number) | -- |
|-----------------|----|

Energy

Total Energy Available:

| | |
|-------------------------------|----|
| Propulsion and steering (kWH) | -- |
|-------------------------------|----|

| | |
|--------------------------|----|
| Scientific payload (kWH) | -- |
|--------------------------|----|

Propulsion and Steering

Thrusters (Thrust Force)

| | |
|---------|----|
| Aft (N) | -- |
|---------|----|

| | |
|-------------|----|
| Lateral (N) | -- |
|-------------|----|

| | |
|----------|----|
| Fore (N) | -- |
|----------|----|

| | |
|--------------|----|
| Vertical (N) | -- |
|--------------|----|

| | |
|----------------------------|----|
| Control planes arrangement | -- |
|----------------------------|----|

Pressure Hull (Manned Sphere)

| | |
|---------------------|----|
| Inside diameter (m) | -- |
|---------------------|----|

| | |
|----------|----|
| Material | -- |
|----------|----|

| | |
|-----------|----|
| Portholes | -- |
|-----------|----|

| | |
|---------------|----|
| Thickness (m) | -- |
|---------------|----|

| Trim Adjustment and Ballasting | |
|---|----|
| Trim adjustment and ballasting | -- |
| Navigation Equipment | |
| Non-Acoustic | |
| Attitude and heading | -- |
| Pressure sensor | -- |
| Acoustic | |
| Doppler | -- |
| Altimeter | -- |
| Longbaseline system | -- |
| Ultrashort baseline system | -- |
| Other equipment | -- |
| Automatic Guidance and Control Capabilities | |
| Depth control | -- |
| Altitude control (above the seabed) | -- |
| Heading control | -- |
| Speed control | -- |
| Way-point tracking | -- |
| Path following | -- |
| Customer - Defined Instrumentation Support | |
| Dimensions | -- |
| Power (kW) | -- |
| Communication Links | -- |
| Max. weight in water (kg) | -- |
| Max. weight in air (kg) | -- |
| Scientific Instrumentation and Tools | |
| Still cameras (number) | -- |
| Lightning (number) | -- |
| Manipulator / Sampling | -- |
| Video cameras (number) | -- |
| Total power (kW) | -- |
| Additional Information | |
| Examples of missions executed | -- |
| Examples of scientific data acquired | -- |
| Other | -- |