

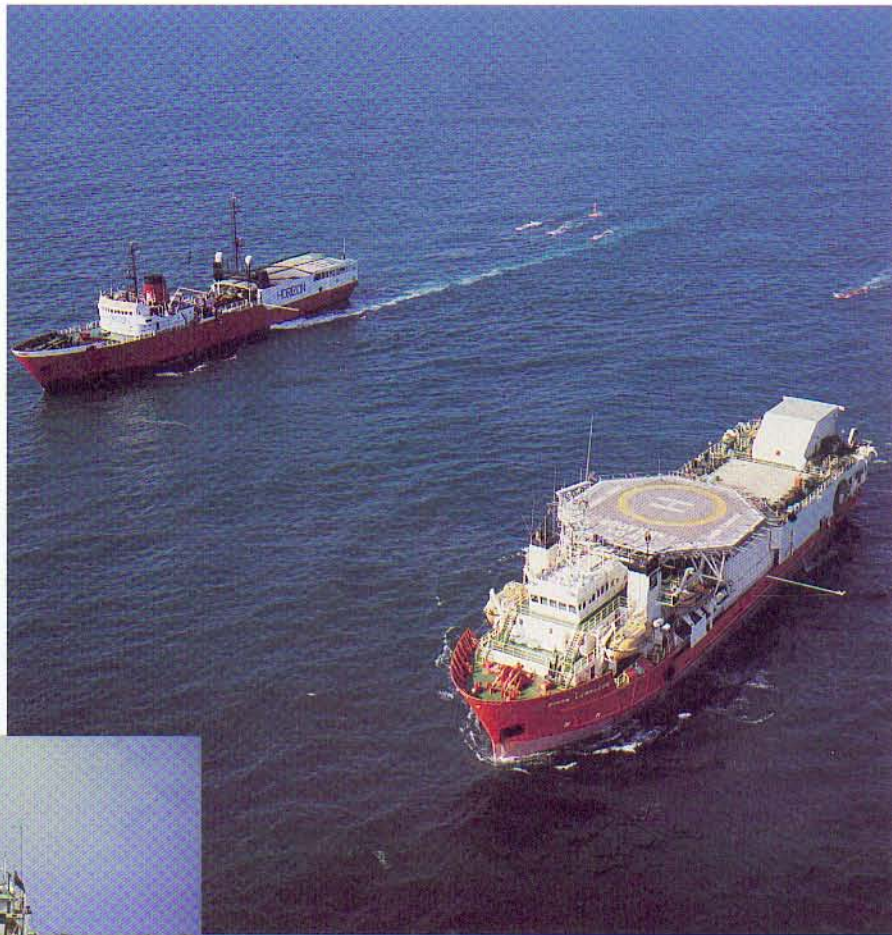
HORIZON

HORIZON EXPLORATION

Although newly established in its current form, Horizon Exploration can draw on 20 years of continuous experience in worldwide marine operations. Our vessels have carried out numerous 2D and 3D surveys in environments ranging from the Gulf of Mexico to Vietnam, from the North Sea to Madagascar.

Though the operational areas may vary, the challenge remains the same, to gather the highest quality data in the most cost-effective way.

Horizon can now offer a full marine acquisition service with onboard and follow-on processing where required on multi-streamer 3D, inexpensive 2D and specialist shallow water /transition zone operations.



INDEPENDENT STATUS

Over the years Horizon has maintained a reputation for technical advancement and commitment to acquisition excellence. Our size means that every project is as important to us as it is to our client, and our independent status ensures excellent service remains our sole objective.

WIDE RANGING CAPABILITY - 3D, 2D AND TZ

Horizon vessels are equipped to carry out 3D surveys to the most exacting industry standards using compact source and streamer arrays, without compromising geophysical or safety standards. Manoeuvrable, low-risk configurations, hard won operational expertise, highly developed QC systems and on-survey navigation and seismic processing combine to produce highly cost-effective solutions to our clients' acquisition requirements.

We can also bring the benefits of this acquisition technology to those projects where 2D data provides suitable coverage. Where parameter selection or timing limitations demand, optional onboard seismic processing can enhance the effectiveness of these surveys.

Where water depths drop below 10 metres and are too shallow for conventional ships, Horizon has a specialist vessel which can operate in towed streamer mode in as little as 3 metres. When combined with our transition zone crew employing OBC technology, coverage can be taken right through to dry land ties.

HORIZON PRODUCTS

Horizon Exploration is now able to offer several of its sub-systems including the integrated source controller (ISC) and real-time seismic interface 'CAPTURE' for lease or purchase.

INTEGRATED SYSTEMS - DEDICATED PERSONNEL

Horizon vessels have led the way in deploying increasingly sophisticated onboard seismic processing systems since 1988. The latest Horizon developments allow real-time access to the entire seismic data volume on a shot by shot basis, allowing QC analysis of part processed data to play its part in optimising acquisition. Conventional system specific QC techniques can be cross correlated via a dedicated network and results compared with cross line sections and time slices while the survey is still underway.

Several Horizon surveys have now included full fold onboard 3D processing to allow interpretation to commence immediately on survey completion. This has enabled one of our North Sea clients to site a well just two weeks after survey completion and elsewhere to announce a discovery just three months after licence award.

Innovative concepts from our design staff are combined with the operational expertise of our field crews to realise the results which are making Horizon the contractor of choice for an increasing number of international oil company clients.